

# ANNEX 3

Stresses due to combination SLS2,  
minimum Fz considering  $K=0$

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{XX}$ [kPa]	$\sigma_{YY}$ [kPa]	$\sigma_{ZZ}$ [kPa]	$\tau_{XY}$ [kPa]	$\tau_{XZ}$ [kPa]	$\tau_{YZ}$ [kPa]
1	0.47	1.65	17.16	-303.17	-236.40	-837.03	37.55	62.87	-862.24
2	0.47	0.55	17.16	-140.76	287.09	-316.50	5.30	16.33	-215.56
3	0.47	-0.55	17.16	-133.69	321.96	-295.23	-10.16	15.62	162.99
4	0.47	-1.65	17.16	-272.30	-106.44	-739.78	-42.01	60.84	743.18
5	1.40	1.65	17.16	-271.32	-226.17	-795.58	24.62	92.43	-809.07
6	1.41	0.55	17.16	-117.40	265.38	-305.41	-3.61	37.44	-201.21
7	1.41	-0.55	17.16	-110.95	299.13	-284.28	-10.82	35.44	150.56
8	1.40	-1.65	17.16	-242.28	-99.10	-698.47	-38.02	86.85	691.97
9	2.33	1.65	17.16	-240.59	-215.75	-770.58	12.30	104.22	-737.94
10	2.34	0.55	17.16	-99.63	231.46	-317.62	-12.98	31.86	-179.41
11	2.34	-0.55	17.16	-94.04	262.49	-296.60	-12.56	28.65	132.20
12	2.33	-1.65	17.16	-214.17	-96.17	-673.20	-35.24	95.04	625.09
13	3.26	1.65	17.16	-245.03	-211.35	-816.05	-0.87	52.38	-626.69
14	3.28	0.55	17.16	-132.22	165.57	-425.43	-24.88	-62.86	-147.25
15	3.28	-0.55	17.16	-126.29	192.04	-402.89	-16.41	-65.35	101.67
16	3.26	-1.65	17.16	-219.33	-105.92	-715.19	-34.51	42.33	520.67
17	4.19	1.65	17.16	-366.03	-254.98	-1143.84	-25.36	-252.49	-455.85
18	4.22	0.55	17.16	-303.28	4.16	-868.94	-45.57	-437.86	-114.42
19	4.22	-0.55	17.16	-292.89	26.02	-836.29	-22.50	-431.08	55.11
20	4.19	-1.65	17.16	-330.69	-169.27	-1020.40	-32.04	-243.20	352.41
21	5.13	1.65	17.16	-756.28	-777.32	-4199.94	-92.32	-1413.70	-334.64
22	5.15	0.55	17.16	-764.60	-687.87	-4143.23	-83.35	-1645.66	-137.02
23	5.15	-0.55	17.16	-740.92	-657.03	-4025.70	-27.98	-1604.30	2.17
24	5.13	-1.65	17.16	-686.30	-679.73	-3843.69	-7.36	-1308.25	180.67
25	6.06	1.65	17.16	-808.14	-1083.87	-6350.18	64.37	1176.73	-98.67
26	6.09	0.55	17.16	-747.83	-1069.79	-6265.08	3.57	1141.22	-80.45
27	6.09	-0.55	17.16	-726.94	-1033.39	-6065.85	-51.90	1123.88	-59.58
28	6.06	-1.65	17.16	-743.55	-976.62	-5754.91	-106.63	1122.57	-37.85
29	6.99	1.65	17.16	-3233.57	-1060.76	-3669.20	-154.11	3127.79	77.22
30	7.03	0.55	17.16	-3131.96	-1021.75	-3556.25	-116.60	3022.58	-3.39
31	7.03	-0.55	17.16	-3048.05	-981.65	-3435.31	-87.22	2924.40	-73.94
32	6.99	-1.65	17.16	-2981.21	-939.98	-3304.69	-57.55	2831.78	-140.34
33	7.92	1.65	17.16	-1625.82	-429.17	-812.85	-135.29	1198.75	25.88
34	7.96	0.55	17.16	-1582.90	-401.45	-780.21	-116.43	1153.22	-3.22
35	7.96	-0.55	17.16	-1550.40	-381.05	-756.64	-100.92	1118.76	-27.58
36	7.92	-1.65	17.16	-1527.97	-367.25	-740.89	-84.11	1094.40	-51.88
37	8.85	1.65	17.16	-798.04	-255.74	-343.56	-106.82	556.78	14.57
38	8.90	0.55	17.16	-783.50	-234.10	-329.88	-106.49	535.94	2.89
39	8.90	-0.55	17.16	-774.69	-219.42	-320.56	-106.31	521.08	-6.49
40	8.85	-1.65	17.16	-771.30	-211.33	-315.08	-104.41	511.79	-16.12
41	9.78	1.65	17.16	-343.77	-169.89	-165.96	-81.88	274.88	9.84
42	9.84	0.55	17.16	-342.04	-153.74	-159.41	-92.65	265.38	6.42
43	9.84	-0.55	17.16	-344.30	-143.18	-155.32	-102.09	258.58	4.17
44	9.78	-1.65	17.16	-350.16	-138.14	-153.40	-109.83	254.33	1.66
45	10.72	1.65	17.16	-96.76	-126.32	-97.46	-61.88	131.52	6.90
46	10.77	0.55	17.16	-100.05	-114.89	-93.99	-77.88	127.44	8.29
47	10.77	-0.55	17.16	-106.92	-107.68	-91.82	-92.20	124.42	10.21
48	10.72	-1.65	17.16	-116.97	-104.76	-90.75	-104.99	122.40	11.90
49	11.65	1.65	17.16	28.32	-106.53	-68.16	-46.30	45.84	5.04
50	11.71	0.55	17.16	23.65	-98.92	-66.13	-63.42	44.43	9.58
51	11.71	-0.55	17.16	15.50	-94.52	-64.71	-79.05	43.48	14.29
52	11.65	-1.65	17.16	4.23	-93.40	-63.79	-93.45	42.96	18.78
53	12.58	1.65	17.16	75.99	-102.34	-50.65	-33.64	-12.30	5.06
54	12.65	0.55	17.16	71.55	-97.84	-49.42	-49.25	-12.25	11.45
55	12.65	-0.55	17.16	63.97	-95.79	-48.33	-63.77	-11.84	17.81
56	12.58	-1.65	17.16	53.52	-96.24	-47.30	-77.44	-11.06	23.89
57	13.51	1.65	17.16	71.68	-107.90	-25.77	-21.78	-50.58	9.61
58	13.59	0.55	17.16	68.19	-106.02	-25.20	-34.39	-49.45	15.98
59	13.59	-0.55	17.16	62.33	-106.05	-24.38	-46.54	-47.92	22.13
60	13.51	-1.65	17.16	54.27	-107.96	-23.27	-58.19	-45.97	27.96
61	14.44	1.65	17.16	32.70	-114.57	37.36	-7.79	-60.17	27.21
62	14.52	0.55	17.16	30.79	-115.95	37.11	-17.15	-57.46	29.08
63	14.52	-0.55	17.16	27.57	-118.07	37.28	-26.35	-54.71	30.76
64	14.44	-1.65	17.16	23.09	-120.79	37.84	-35.91	-52.05	31.97
65	0.48	1.65	15.47	-764.17	-972.51	-2153.00	91.10	205.80	-1260.57
66	0.48	0.55	15.47	-669.77	-992.40	-1296.23	32.10	143.95	-480.27
67	0.48	-0.55	15.47	-658.64	-953.83	-1230.97	-34.67	143.13	278.00
68	0.48	-1.65	15.47	-726.54	-873.86	-1919.32	-94.17	203.69	1007.21
69	1.44	1.65	15.47	-749.82	-924.34	-2062.44	117.75	189.45	-1182.54
70	1.44	0.55	15.47	-667.78	-934.84	-1256.70	41.55	109.25	-452.17
71	1.44	-0.55	15.47	-656.57	-896.38	-1191.24	-49.05	107.29	251.35
72	1.44	-1.65	15.47	-712.72	-825.03	-1827.70	-125.99	184.38	930.02
73	2.40	1.65	15.47	-773.74	-876.00	-2042.18	156.88	132.98	-1074.61
74	2.41	0.55	15.47	-713.72	-871.82	-1303.39	53.50	20.82	-412.19
75	2.41	-0.55	15.47	-701.73	-834.23	-1236.92	-67.47	18.48	213.34
76	2.40	-1.65	15.47	-735.79	-777.57	-1803.89	-169.58	126.02	824.29
77	3.35	1.65	15.47	-826.05	-827.34	-2190.94	208.36	-12.15	-916.92
78	3.37	0.55	15.47	-785.32	-810.58	-1558.17	66.63	-175.83	-356.78
79	3.37	-0.55	15.47	-771.31	-775.45	-1487.21	-90.36	-176.12	156.68
80	3.35	-1.65	15.47	-784.01	-733.58	-1940.82	-226.14	-16.17	669.50
81	4.31	1.65	15.47	-821.15	-799.91	-2826.22	254.38	-242.97	-696.31
82	4.33	0.55	15.47	-772.73	-785.43	-2368.30	74.31	-456.14	-288.66
83	4.33	-0.55	15.47	-757.63	-754.26	-2279.86	-109.61	-451.03	78.00
84	4.31	-1.65	15.47	-776.33	-714.60	-2532.60	-277.60	-236.15	450.34
85	5.27	1.65	15.47	-365.85	-658.08	-3466.51	271.64	137.39	-413.74
86	5.30	0.55	15.47	-264.29	-659.58	-3190.14	78.41	-47.14	-204.75
87	5.30	-0.55	15.47	-260.87	-636.49	-3081.80	-110.44	-51.81	-11.91
88	5.27	-1.65	15.47	-352.07	-593.91	-3126.75	-288.95	114.50	181.20
89	6.23	1.65	15.47	-204.96	-515.67	-3539.41	156.60	832.62	-193.12
90	6.26	0.55	15.47	-124.12	-532.03	-3392.40	43.17	709.48	-135.62
91	6.26	-0.55	15.47	-126.96	-516.96	-3283.52	-72.80	682.32	-72.60
92	6.23	-1.65	15.47	-210.20	-473.79	-3208.75	-177.90	746.27	-14.78
93	7.19	1.65	15.47	-303.59	-380.67	-2930.87	104.81	1471.48	-65.03
94	7.22	0.55	15.47	-264.76	-400.36	-2839.19	40.26	1400.76	-78.38
95	7.22	-0.55	15.47	-264.51	-392.54	-2751.16	-29.37	1356.50	-81.24
96	7.19	-1.65	15.47	-301.90	-359.47	-2666.15	-90.23	1337.92	-87.37
97	8.15	1.65	15.47	-1052.70	-325.67	-1888.80	26.26	1638.12	5.85
98	8.19	0.55	15.47	-1012.37	-335.10	-1825.16	9.46	1579.85	-30.83
99	8.19	-0.55	15.47	-988.28	-328.83	-1770.32	-13.02	1531.57	-58.71

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
100	8.15	-1.65	15.47	-980.27	-308.01	-1723.64	-31.20	1493.05	-87.04
101	9.10	1.65	15.47	-989.21	-196.46	-985.42	-5.60	1150.19	19.59
102	9.15	0.55	15.47	-958.76	-201.59	-950.97	-8.03	1112.50	-6.82
103	9.15	-0.55	15.47	-937.37	-198.77	-924.77	-14.83	1080.99	-27.44
104	9.10	-1.65	15.47	-924.94	-188.58	-906.38	-19.28	1055.51	-48.20
105	10.06	1.65	15.47	-768.88	-125.13	-572.54	-16.18	753.72	21.55
106	10.11	0.55	15.47	-748.24	-127.73	-553.65	-16.77	731.23	7.15
107	10.11	-0.55	15.47	-733.38	-126.55	-539.76	-20.21	712.19	-3.80
108	10.06	-1.65	15.47	-724.23	-121.88	-530.64	-22.28	696.55	-14.83
109	11.02	1.65	15.47	-543.68	-85.48	-370.42	-16.81	473.17	20.23
110	11.08	0.55	15.47	-530.42	-86.93	-359.52	-19.59	460.30	15.71
111	11.08	-0.55	15.47	-521.38	-86.72	-351.30	-24.03	449.43	13.08
112	11.02	-1.65	15.47	-516.48	-84.98	-345.65	-27.64	440.52	10.30
113	11.98	1.65	15.47	-353.59	-64.18	-262.12	-12.94	276.48	19.44
114	12.04	0.55	15.47	-345.29	-65.47	-255.54	-18.58	269.45	22.02
115	12.04	-0.55	15.47	-340.48	-65.96	-250.02	-25.11	263.90	25.55
116	11.98	-1.65	15.47	-339.06	-65.69	-245.48	-31.12	259.77	28.76
117	12.94	1.65	15.47	-202.93	-52.75	-183.88	-7.56	136.59	21.76
118	13.00	0.55	15.47	-197.83	-54.35	-179.90	-15.36	133.25	28.61
119	13.00	-0.55	15.47	-195.85	-55.39	-175.81	-23.63	131.32	35.80
120	12.94	-1.65	15.47	-196.90	-55.89	-171.56	-31.57	130.77	42.51
121	13.90	1.65	15.47	-88.24	-45.39	-88.56	-3.11	37.62	29.60
122	13.97	0.55	15.47	-85.54	-47.02	-86.38	-11.53	36.98	37.87
123	13.97	-0.55	15.47	-85.43	-48.48	-83.43	-20.48	37.76	45.95
124	13.90	-1.65	15.47	-87.88	-49.72	-79.68	-29.00	39.90	53.42
125	14.85	1.65	15.47	-11.23	-37.21	76.11	-3.84	-33.23	43.77
126	14.93	0.55	15.47	-11.18	-38.97	76.71	-10.56	-31.35	51.03
127	14.93	-0.55	15.47	-12.53	-40.48	77.98	-17.29	-28.21	57.81
128	14.85	-1.65	15.47	-15.19	-41.72	79.83	-24.12	-24.11	63.76
129	0.49	1.65	13.78	-737.65	-625.18	-2795.08	51.41	294.96	-721.52
130	0.49	0.55	13.78	-733.17	-833.33	-2294.05	20.63	264.50	-373.54
131	0.49	-0.55	13.78	-726.87	-822.41	-2207.55	-19.97	263.68	100.01
132	0.49	-1.65	13.78	-719.11	-602.91	-2528.85	-50.88	292.69	444.23
133	1.48	1.65	13.78	-721.58	-592.21	-2685.19	85.08	267.88	-677.11
134	1.48	0.55	13.78	-719.57	-783.48	-2214.24	34.26	220.20	-354.64
135	1.48	-0.55	13.78	-713.58	-772.61	-2127.13	-31.29	218.12	82.52
136	1.48	-1.65	13.78	-704.44	-569.80	-2416.85	-82.07	261.87	400.94
137	2.46	1.65	13.78	-692.49	-554.14	-2666.24	121.18	238.82	-609.10
138	2.47	0.55	13.78	-694.49	-723.12	-2238.99	48.35	169.27	-326.21
139	2.47	-0.55	13.78	-689.17	-712.67	-2150.30	-42.26	165.80	57.19
140	2.46	-1.65	13.78	-677.85	-532.53	-2393.24	-113.93	228.05	336.36
141	3.45	1.65	13.78	-616.85	-508.38	-2769.44	155.45	233.86	-512.86
142	3.46	0.55	13.78	-615.75	-651.51	-2406.37	62.06	142.15	-286.93
143	3.46	-0.55	13.78	-611.98	-642.18	-2314.43	-50.98	136.59	23.19
144	3.45	-1.65	13.78	-606.91	-489.54	-2487.75	-141.64	215.86	247.28
145	4.43	1.65	13.78	-444.17	-437.77	-2894.19	176.36	378.30	-391.64
146	4.45	0.55	13.78	-429.24	-549.31	-2608.61	72.71	278.21	-235.99
147	4.45	-0.55	13.78	-429.21	-542.47	-2514.44	-52.29	266.77	-16.67
148	4.43	-1.65	13.78	-444.67	-424.91	-2607.50	-152.38	342.47	140.33
149	5.42	1.65	13.78	-355.76	-367.68	-2903.76	166.44	643.73	-268.38
150	5.44	0.55	13.78	-334.12	-444.36	-2699.05	73.15	546.68	-179.87
151	5.44	-0.55	13.78	-335.43	-440.64	-2607.87	-40.19	526.37	-51.35
152	5.42	-1.65	13.78	-359.92	-361.69	-2627.84	-130.56	581.47	41.69
153	6.40	1.65	13.78	-354.68	-287.65	-2699.67	149.85	946.46	-154.69
154	6.43	0.55	13.78	-323.05	-336.43	-2564.64	70.57	864.46	-123.70
155	6.43	-0.55	13.78	-322.30	-336.01	-2483.35	-21.67	835.96	-70.18
156	6.40	-1.65	13.78	-351.99	-289.15	-2454.99	-98.98	860.07	-31.95
157	7.39	1.65	13.78	-488.23	-216.80	-2307.46	105.36	1151.36	-67.81
158	7.42	0.55	13.78	-455.18	-248.54	-2221.59	55.17	1091.33	-76.11
159	7.42	-0.55	13.78	-448.99	-250.20	-2155.23	-3.82	1058.56	-70.45
160	7.39	-1.65	13.78	-469.13	-223.23	-2108.59	-54.44	1052.91	-70.18
161	8.37	1.65	13.78	-557.46	-144.92	-1813.43	71.24	1209.44	-14.84
162	8.41	0.55	13.78	-534.92	-167.04	-1756.71	42.98	1168.59	-39.86
163	8.41	-0.55	13.78	-526.25	-170.38	-1707.23	8.54	1136.31	-55.49
164	8.37	-1.65	13.78	-531.50	-155.68	-1665.36	-21.59	1113.07	-72.47
165	9.36	1.65	13.78	-684.50	-102.45	-1329.95	40.70	1130.83	14.38
166	9.40	0.55	13.78	-666.00	-116.92	-1290.88	28.82	1100.71	-12.58
167	9.40	-0.55	13.78	-652.99	-120.42	-1256.82	12.39	1072.40	-33.20
168	9.36	-1.65	13.78	-645.79	-113.22	-1227.89	-2.28	1046.36	-53.70
169	10.34	1.65	13.78	-660.96	-63.29	-938.34	22.66	919.06	25.46
170	10.39	0.55	13.78	-646.15	-72.93	-912.58	17.71	897.88	5.63
171	10.39	-0.55	13.78	-633.48	-76.38	-890.46	9.49	876.89	-10.16
172	10.34	-1.65	13.78	-623.28	-73.69	-871.94	1.87	856.41	-25.62
173	11.33	1.65	13.78	-553.64	-37.83	-685.00	13.77	698.58	29.05
174	11.38	0.55	13.78	-542.21	-44.51	-668.12	10.08	684.26	18.07
175	11.38	-0.55	13.78	-531.99	-47.61	-653.17	4.17	670.03	9.52
176	11.33	-1.65	13.78	-523.22	-47.08	-640.05	-1.61	656.02	1.10
177	12.31	1.65	13.78	-413.29	-22.36	-516.19	9.96	505.19	30.42
178	12.37	0.55	13.78	-404.71	-27.24	-505.07	5.13	495.79	27.28
179	12.37	-0.55	13.78	-397.48	-29.87	-494.26	-1.13	486.90	25.51
180	12.31	-1.65	13.78	-391.75	-30.20	-483.67	-7.41	478.53	23.56
181	13.30	1.65	13.78	-269.62	-12.92	-379.55	7.76	341.90	31.98
182	13.36	0.55	13.78	-263.42	-16.52	-372.08	1.53	336.03	35.02
183	13.36	-0.55	13.78	-259.05	-18.63	-363.78	-5.60	331.21	38.67
184	13.30	-1.65	13.78	-256.59	-19.19	-354.53	-12.72	327.40	41.83
185	14.28	1.65	13.78	-140.84	-7.01	-230.54	4.17	199.22	33.97
186	14.35	0.55	13.78	-137.04	-9.02	-225.09	-2.32	196.01	41.96
187	14.35	-0.55	13.78	-135.24	-10.50	-218.56	-9.58	194.40	49.93
188	14.28	-1.65	13.78	-135.46	-11.39	-210.84	-16.47	194.30	57.15
189	15.27	1.65	13.78	-36.69	-2.01	-34.24	-2.55	57.06	34.04
190	15.34	0.55	13.78	-35.85	-3.00	-29.29	-8.18	56.05	47.12
191	15.34	-0.55	13.78	-36.39	-3.63	-24.23	-13.75	57.31	59.83
192	15.27	-1.65	13.78	-38.22	-3.91	-19.09	-19.32	60.50	71.48
193	0.51	1.65	12.09	-550.68	-395.94	-2993.94	24.59	316.28	-356.45
194	0.51	0.55	12.09	-565.83	-492.15	-2762.53	10.61	305.42	-225.99
195	0.51	-0.55	12.09	-565.45	-494.11	-2679.90	-6.74	304.19	-46.72
196	0.51	-1.65	12.09	-549.90	-402.45	-2746.98	-20.61	312.56	90.85
197	1.52	1.65	12.09	-552.88	-372.52	-2859.51	53.28	346.53	-336.20
198	1.52	0.55	12.09	-566.36	-462.21	-2640.39	23.84	323.08	-216.93

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
199	1.52	-0.55	12.09	-566.37	-464.35	-2557.58	-11.06	319.54	-52.56
200	1.52	-1.65	12.09	-553.36	-379.59	-2612.00	-40.15	335.83	73.94
201	2.53	1.65	12.09	-526.47	-340.70	-2780.45	78.79	394.98	-300.76
202	2.54	0.55	12.09	-537.51	-421.23	-2581.10	36.18	360.00	-200.97
203	2.54	-0.55	12.09	-538.32	-423.79	-2498.16	-13.48	353.55	-61.20
204	2.53	-1.65	12.09	-529.32	-349.01	-2532.72	-55.45	375.40	46.24
205	3.54	1.65	12.09	-474.48	-298.75	-2724.26	98.49	488.68	-251.94
206	3.56	0.55	12.09	-480.89	-368.04	-2550.86	46.88	445.41	-178.33
207	3.56	-0.55	12.09	-482.71	-371.38	-2468.77	-12.86	434.90	-70.95
208	3.54	-1.65	12.09	-480.21	-309.25	-2479.38	-63.71	456.89	11.05
209	4.55	1.65	12.09	-435.74	-251.74	-2649.88	108.44	626.68	-195.31
210	4.57	0.55	12.09	-437.18	-309.09	-2505.72	54.32	579.20	-150.53
211	4.57	-0.55	12.09	-439.15	-313.34	-2426.57	-8.17	563.78	-78.56
212	4.55	-1.65	12.09	-441.78	-264.94	-2414.09	-61.82	580.28	-24.64
213	5.56	1.65	12.09	-417.02	-199.69	-2515.59	110.05	794.34	-136.30
214	5.59	0.55	12.09	-411.96	-245.56	-2399.67	58.49	747.69	-119.17
215	5.59	-0.55	12.09	-412.96	-250.73	-2326.36	-0.88	727.38	-81.12
216	5.56	-1.65	12.09	-420.00	-215.68	-2297.19	-52.59	733.55	-54.43
217	6.57	1.65	12.09	-445.24	-150.70	-2301.57	99.64	954.58	-81.75
218	6.60	0.55	12.09	-436.34	-185.96	-2211.66	57.20	912.19	-87.03
219	6.60	-0.55	12.09	-435.09	-191.78	-2146.97	7.60	888.14	-77.12
220	6.57	-1.65	12.09	-441.52	-168.59	-2108.73	-35.98	882.80	-72.96
221	7.59	1.65	12.09	-494.20	-105.51	-2011.95	85.19	1069.05	-36.16
222	7.62	0.55	12.09	-483.45	-131.67	-1945.08	52.95	1033.22	-56.49
223	7.62	-0.55	12.09	-479.59	-137.86	-1891.02	15.00	1007.41	-66.24
224	7.59	-1.65	12.09	-482.75	-124.33	-1850.74	-19.16	992.19	-77.84
225	8.60	1.65	12.09	-565.27	-71.43	-1688.14	65.97	1105.48	-2.78
226	8.64	0.55	12.09	-553.78	-90.30	-1639.53	44.83	1077.42	-29.97
227	8.64	-0.55	12.09	-546.91	-96.29	-1596.54	19.26	1052.38	-49.90
228	8.60	-1.65	12.09	-544.87	-89.41	-1559.87	-4.48	1030.99	-69.62
229	9.61	1.65	12.09	-589.05	-43.77	-1376.30	49.58	1062.15	17.71
230	9.65	0.55	12.09	-579.50	-57.46	-1340.88	36.29	1041.34	-8.87
231	9.65	-0.55	12.09	-571.31	-62.97	-1307.95	19.63	1019.18	-30.58
232	9.61	-1.65	12.09	-564.80	-60.17	-1277.92	3.58	996.27	-51.35
233	10.62	1.65	12.09	-579.32	-26.82	-1111.37	36.51	964.20	28.71
234	10.67	0.55	12.09	-571.23	-36.66	-1085.31	27.86	948.68	7.27
235	10.67	-0.55	12.09	-562.53	-41.34	-1060.47	16.69	930.41	-10.98
236	10.62	-1.65	12.09	-553.61	-40.71	-1036.97	5.49	909.81	-28.30
237	11.63	1.65	12.09	-515.88	-15.97	-901.38	27.47	827.00	33.03
238	11.69	0.55	12.09	-508.91	-23.07	-882.43	20.43	815.61	19.08
239	11.69	-0.55	12.09	-501.03	-26.85	-863.55	11.56	801.67	7.11
240	11.63	-1.65	12.09	-492.58	-27.16	-844.74	2.43	785.43	-4.28
241	12.64	1.65	12.09	-413.72	-10.50	-738.97	21.12	674.30	33.42
242	12.70	0.55	12.09	-407.64	-15.54	-725.21	13.99	666.08	27.51
243	12.70	-0.55	12.09	-401.40	-18.39	-710.32	5.58	656.16	22.73
244	12.64	-1.65	12.09	-395.23	-18.93	-694.24	-3.08	644.66	18.09
245	13.65	1.65	12.09	-293.98	-9.16	-598.15	15.58	514.56	31.16
246	13.72	0.55	12.09	-288.80	-12.44	-587.71	8.01	508.65	33.19
247	13.72	-0.55	12.09	-284.55	-14.35	-575.39	-0.40	502.21	35.74
248	13.65	-1.65	12.09	-281.36	-14.82	-561.08	-8.93	495.25	38.00
249	14.67	1.65	12.09	-172.09	-10.59	-451.05	9.66	343.42	26.10
250	14.73	0.55	12.09	-168.22	-11.87	-441.93	2.06	339.09	36.15
251	14.73	-0.55	12.09	-166.04	-12.83	-431.20	-6.29	335.65	46.26
252	14.67	-1.65	12.09	-165.60	-13.45	-418.74	-14.30	333.04	55.66
253	15.68	1.65	12.09	-64.57	-14.23	-281.33	3.06	153.34	17.40
254	15.75	0.55	12.09	-62.69	-14.40	-271.50	-4.46	149.94	35.92
255	15.75	-0.55	12.09	-62.56	-14.41	-261.56	-11.91	149.21	54.29
256	15.68	-1.65	12.09	-64.11	-14.31	-251.47	-19.30	150.87	71.58
257	0.52	1.65	10.41	-389.55	-225.16	-2963.88	13.31	279.52	-176.27
258	0.52	0.55	10.41	-403.55	-271.22	-2826.84	6.61	276.72	-145.03
259	0.52	-0.55	10.41	-406.38	-277.18	-2754.38	-1.20	275.16	-96.91
260	0.52	-1.65	10.41	-398.20	-243.20	-2746.93	-7.86	274.82	-57.42
261	1.56	1.65	10.41	-419.83	-211.31	-2811.99	34.19	371.26	-167.94
262	1.56	0.55	10.41	-432.43	-255.01	-2680.37	17.78	360.04	-140.42
263	1.56	-0.55	10.41	-435.36	-261.11	-2608.39	-0.66	355.55	-96.89
264	1.56	-1.65	10.41	-428.73	-229.76	-2596.55	-17.02	357.71	-60.97
265	2.59	1.65	10.41	-432.95	-190.24	-2678.97	51.95	469.85	-149.95
266	2.61	0.55	10.41	-443.36	-230.39	-2556.87	27.89	451.75	-130.67
267	2.61	-0.55	10.41	-446.37	-236.74	-2486.11	1.02	444.02	-96.82
268	2.59	-1.65	10.41	-442.06	-209.40	-2467.35	-23.10	446.61	-68.93
269	3.63	1.65	10.41	-440.97	-164.08	-2549.56	65.33	581.96	-124.46
270	3.65	0.55	10.41	-448.66	-199.85	-2440.13	36.32	558.76	-116.40
271	3.65	-0.55	10.41	-451.44	-206.49	-2371.75	4.07	547.55	-95.54
272	3.63	-1.65	10.41	-449.34	-184.05	-2345.18	-25.23	548.35	-78.67
273	4.67	1.65	10.41	-452.04	-134.23	-2405.17	73.56	707.02	-93.86
274	4.69	0.55	10.41	-456.36	-165.30	-2310.56	42.55	680.97	-98.43
275	4.69	-0.55	10.41	-458.42	-172.21	-2246.03	8.18	666.33	-91.92
276	4.67	-1.65	10.41	-458.20	-154.95	-2212.49	-23.49	663.18	-87.56
277	5.71	1.65	10.41	-478.39	-104.09	-2232.06	75.40	833.70	-61.50
278	5.73	0.55	10.41	-479.77	-130.60	-2153.31	45.79	807.23	-78.11
279	5.73	-0.55	10.41	-480.48	-137.67	-2094.20	12.84	789.63	-85.04
280	5.71	-1.65	10.41	-480.49	-125.17	-2055.78	-17.94	781.14	-92.81
281	6.75	1.65	10.41	-517.88	-76.17	-2026.26	72.07	945.20	-31.07
282	6.78	0.55	10.41	-516.76	-98.25	-1962.54	46.19	920.68	-56.92
283	6.78	-0.55	10.41	-515.67	-105.24	-1910.19	17.04	901.09	-74.51
284	6.75	-1.65	10.41	-514.64	-96.96	-1870.29	-10.57	886.86	-91.97
285	7.78	1.65	10.41	-567.83	-54.07	-1798.37	64.35	1024.39	-5.71
286	7.82	0.55	10.41	-565.14	-71.81	-1747.47	43.62	1003.22	-36.47
287	7.82	-0.55	10.41	-562.02	-78.40	-1702.63	19.80	982.97	-60.72
288	7.78	-1.65	10.41	-558.62	-73.64	-1664.74	-3.13	964.20	-84.02
289	8.82	1.65	10.41	-607.84	-38.00	-1566.09	55.18	1061.98	13.33
290	8.86	0.55	10.41	-604.60	-51.89	-1525.75	39.14	1044.58	-18.05
291	8.86	-0.55	10.41	-599.84	-57.85	-1488.42	20.46	1025.00	-44.63
292	8.82	-1.65	10.41	-593.82	-55.63	-1454.71	2.03	1003.81	-69.79
293	9.86	1.65	10.41	-630.07	-29.43	-1351.06	45.62	1056.07	26.01
294	9.90	0.55	10.41	-626.57	-40.14	-1319.25	33.30	1042.35	-2.44
295	9.90	-0.55	10.41	-620.63	-45.23	-1288.73	18.83	1024.53	-27.53
296	9.86	-1.65	10.41	-612.53	-44.48	-1259.86	4.15	1003.13	-51.14
297	10.90	1.65	10.41	-615.55	-26.84	-1169.74	37.37	1010.28	32.82

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
298	10.95	0.55	10.41	-612.20	-35.07	-1144.71	27.08	999.88	9.98
299	10.95	-0.55	10.41	-605.91	-39.20	-1119.85	15.15	984.56	-10.65
300	10.90	-1.65	10.41	-597.00	-39.04	-1095.31	2.76	964.73	-30.03
301	11.94	1.65	10.41	-562.63	-29.77	-1029.52	30.77	931.80	34.73
302	11.99	0.55	10.41	-559.30	-36.00	-1009.86	21.00	924.10	19.22
303	11.99	-0.55	10.41	-553.34	-39.13	-989.30	10.01	911.56	5.06
304	11.94	-1.65	10.41	-545.03	-38.99	-967.86	-1.46	894.46	-8.24
305	12.97	1.65	10.41	-470.87	-36.22	-924.25	25.72	820.56	32.17
306	13.03	0.55	10.41	-467.34	-40.73	-908.79	15.33	814.92	25.27
307	13.03	-0.55	10.41	-462.31	-42.85	-891.25	4.06	805.18	19.11
308	12.97	-1.65	10.41	-455.98	-42.50	-871.55	-7.56	791.50	13.34
309	14.01	1.65	10.41	-349.62	-44.21	-834.61	21.44	671.18	25.12
310	14.07	0.55	10.41	-345.72	-47.00	-822.09	10.03	666.76	28.00
311	14.07	-0.55	10.41	-342.02	-48.18	-806.44	-2.01	659.69	31.27
312	14.01	-1.65	10.41	-338.63	-47.71	-787.57	-14.17	650.02	34.40
313	15.05	1.65	10.41	-224.32	-54.81	-739.10	16.47	484.84	14.24
314	15.12	0.55	10.41	-220.36	-55.41	-727.64	4.77	480.49	27.52
315	15.12	-0.55	10.41	-218.16	-55.71	-712.97	-7.56	475.87	41.06
316	15.05	-1.65	10.41	-217.77	-55.71	-694.98	-19.55	470.95	53.87
317	16.09	1.65	10.41	-88.91	-62.57	-614.16	12.40	257.94	-0.28
318	16.16	0.55	10.41	-86.12	-61.92	-601.67	-0.17	252.96	23.73
319	16.16	-0.55	10.41	-85.57	-61.44	-587.22	-12.67	250.59	48.02
320	16.09	-1.65	10.41	-87.20	-61.21	-570.74	-25.06	250.60	71.15
321	0.53	1.65	8.72	-303.59	-117.61	-2757.59	10.36	210.37	-70.26
322	0.53	0.55	8.72	-315.09	-145.68	-2670.11	5.41	210.74	-94.70
323	0.53	-0.55	8.72	-318.87	-152.58	-2608.79	-0.03	209.19	-107.81
324	0.53	-1.65	8.72	-315.01	-138.37	-2574.50	-5.06	205.71	-123.50
325	1.60	1.65	8.72	-353.04	-110.93	-2608.84	24.29	337.39	-68.14
326	1.60	0.55	8.72	-364.00	-137.83	-2523.49	14.01	332.39	-92.23
327	1.60	-0.55	8.72	-367.63	-144.76	-2462.95	2.70	327.95	-105.43
328	1.60	-1.65	8.72	-363.99	-131.75	-2428.10	-7.84	324.10	-120.77
329	2.66	1.65	8.72	-397.07	-99.93	-2460.84	36.41	459.01	-59.85
330	2.67	0.55	8.72	-406.80	-125.01	-2380.30	21.79	449.47	-85.94
331	2.67	-0.55	8.72	-410.08	-131.95	-2321.37	5.69	442.15	-101.85
332	2.66	-1.65	8.72	-406.94	-120.76	-2285.03	-9.44	437.14	-119.22
333	3.73	1.65	8.72	-439.93	-86.04	-2308.89	45.76	579.21	-46.77
334	3.74	0.55	8.72	-447.93	-108.81	-2235.18	28.24	566.34	-76.33
335	3.74	-0.55	8.72	-450.58	-115.71	-2178.83	8.89	556.26	-96.62
336	3.73	-1.65	8.72	-447.91	-106.70	-2140.85	-9.43	549.12	-117.59
337	4.79	1.65	8.72	-487.25	-71.28	-2147.46	51.61	696.80	-30.73
338	4.81	0.55	8.72	-493.34	-91.37	-2081.91	32.90	682.03	-64.13
339	4.81	-0.55	8.72	-495.03	-98.13	-2029.14	12.10	669.49	-89.36
340	4.79	-1.65	8.72	-492.33	-91.47	-1990.16	-7.77	659.43	-114.45
341	5.85	1.65	8.72	-541.04	-57.58	-1973.62	53.89	806.72	-13.76
342	5.88	0.55	8.72	-545.22	-74.73	-1916.65	35.49	791.50	-50.23
343	5.88	-0.55	8.72	-545.64	-81.22	-1868.36	14.91	777.04	-79.88
344	5.85	-1.65	8.72	-542.35	-76.86	-1829.69	-5.00	763.69	-108.55
345	6.92	1.65	8.72	-601.21	-46.97	-1789.76	52.79	901.82	2.28
346	6.95	0.55	8.72	-603.82	-61.27	-1741.12	35.86	887.34	-35.70
347	6.95	-0.55	8.72	-602.77	-67.31	-1697.95	16.87	871.70	-68.24
348	6.92	-1.65	8.72	-598.17	-64.83	-1661.05	-1.86	855.34	-99.18
349	7.98	1.65	8.72	-661.44	-40.79	-1603.43	49.16	975.93	16.00
350	8.02	0.55	8.72	-662.92	-52.64	-1562.39	34.25	963.02	-21.55
351	8.02	-0.55	8.72	-660.43	-58.06	-1524.60	17.54	947.04	-54.86
352	7.98	-1.65	8.72	-654.14	-56.79	-1490.68	0.69	928.46	-86.30
353	9.05	1.65	8.72	-714.93	-40.60	-1426.78	43.78	1025.47	26.46
354	9.09	0.55	8.72	-715.64	-50.39	-1392.29	30.98	1014.57	-8.57
355	9.09	-0.55	8.72	-711.89	-55.04	-1359.73	16.69	999.05	-40.42
356	9.05	-1.65	8.72	-703.92	-54.30	-1329.50	1.93	979.39	-70.41
357	10.11	1.65	8.72	-750.42	-46.84	-1273.20	37.78	1050.38	33.36
358	10.15	0.55	8.72	-750.63	-54.97	-1244.22	26.60	1041.55	2.70
359	10.15	-0.55	8.72	-746.02	-58.76	-1216.35	14.29	1027.15	-25.74
360	10.11	-1.65	8.72	-736.85	-58.00	-1189.82	1.28	1007.59	-52.47
361	11.18	1.65	8.72	-759.41	-59.81	-1155.38	32.00	1052.56	36.77
362	11.22	0.55	8.72	-759.19	-66.58	-1130.98	21.64	1045.68	11.92
363	11.22	-0.55	8.72	-754.16	-69.45	-1107.00	10.50	1032.83	-11.51
364	11.18	-1.65	8.72	-744.56	-68.27	-1083.54	-1.43	1014.33	-33.51
365	12.24	1.65	8.72	-730.88	-78.65	-1083.18	27.38	1031.88	36.66
366	12.29	0.55	8.72	-730.25	-84.19	-1062.58	16.72	1026.75	18.82
367	12.29	-0.55	8.72	-725.28	-86.13	-1041.55	5.56	1015.66	1.77
368	12.24	-1.65	8.72	-716.19	-84.38	-1020.07	-6.35	998.84	-14.19
369	13.31	1.65	8.72	-653.64	-101.46	-1062.22	24.85	981.47	32.46
370	13.36	0.55	8.72	-652.51	-105.74	-1044.87	12.44	977.83	23.02
371	13.36	-0.55	8.72	-648.05	-106.78	-1025.78	-0.26	968.55	13.95
372	13.31	-1.65	8.72	-640.43	-104.54	-1004.86	-13.55	953.77	5.57
373	14.37	1.65	8.72	-513.80	-124.02	-1087.08	25.22	878.27	22.50
374	14.43	0.55	8.72	-511.84	-126.82	-1072.70	9.40	875.61	23.79
375	14.43	-0.55	8.72	-508.33	-127.03	-1054.55	-6.65	868.13	25.25
376	14.37	-1.65	8.72	-503.37	-124.68	-1032.52	-22.96	855.90	26.92
377	15.43	1.65	8.72	-304.64	-135.54	-1096.65	28.02	669.32	3.45
378	15.50	0.55	8.72	-301.49	-136.02	-1084.83	7.86	666.33	19.65
379	15.50	-0.55	8.72	-299.35	-135.59	-1066.89	-12.95	660.77	36.33
380	15.43	-1.65	8.72	-298.22	-134.27	-1042.74	-33.20	652.64	52.35
381	16.50	1.65	8.72	-174.16	-152.22	-1036.90	23.48	397.09	-19.01
382	16.57	0.55	8.72	-169.59	-150.31	-1025.19	4.02	391.23	12.36
383	16.57	-0.55	8.72	-168.58	-149.33	-1006.98	-15.39	387.52	44.64
384	16.50	-1.65	8.72	-171.08	-149.36	-982.28	-34.64	385.80	75.55
385	0.55	1.65	7.03	-276.87	-69.73	-2467.00	11.15	132.91	-9.85
386	0.55	0.55	7.03	-285.07	-85.38	-2407.54	5.32	134.28	-60.84
387	0.55	-0.55	7.03	-288.57	-91.37	-2356.94	-0.76	132.93	-104.85
388	0.55	-1.65	7.03	-287.35	-87.51	-2316.07	-6.71	128.89	-147.71
389	1.64	1.65	7.03	-334.13	-66.75	-2332.98	19.88	271.55	-10.55
390	1.64	0.55	7.03	-342.36	-81.87	-2274.22	11.49	269.57	-59.57
391	1.64	-0.55	7.03	-345.62	-87.81	-2224.37	2.49	265.73	-101.82
392	1.64	-1.65	7.03	-343.90	-84.38	-2184.31	-6.30	260.09	-142.79
393	2.73	1.65	7.03	-394.10	-61.86	-2190.91	27.72	400.38	-7.49
394	2.74	0.55	7.03	-401.84	-76.02	-2134.49	17.09	395.49	-55.55
395	2.74	-0.55	7.03	-404.65	-81.85	-2086.13	5.54	389.27	-97.21
396	2.73	-1.65	7.03	-402.49	-79.11	-2046.74	-5.76	381.85	-137.40

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
397	3.82	1.65	7.03	-458.26	-56.18	-2041.73	33.94	520.86	-1.51
398	3.83	0.55	7.03	-465.20	-69.08	-1988.94	21.70	513.78	-49.15
399	3.83	-0.55	7.03	-467.31	-74.70	-1942.82	8.31	505.40	-90.94
400	3.82	-1.65	7.03	-464.58	-72.78	-1904.24	-4.87	495.92	-131.00
401	4.91	1.65	7.03	-528.11	-51.04	-1885.92	38.09	632.64	6.29
402	4.93	0.55	7.03	-534.06	-62.51	-1837.57	25.00	624.21	-40.93
403	4.93	-0.55	7.03	-535.26	-67.81	-1794.35	10.64	614.00	-82.96
404	4.91	-1.65	7.03	-531.71	-66.68	-1757.07	-3.66	602.31	-123.04
405	6.00	1.65	7.03	-604.47	-47.96	-1725.21	39.96	733.81	14.75
406	6.02	0.55	7.03	-609.44	-58.00	-1681.66	26.75	724.84	-31.55
407	6.02	-0.55	7.03	-609.55	-62.88	-1641.87	12.29	713.28	-73.34
408	6.00	-1.65	7.03	-604.86	-62.30	-1606.54	-2.33	699.46	-113.08
409	7.09	1.65	7.03	-686.07	-48.47	-1563.67	39.59	822.02	22.78
410	7.12	0.55	7.03	-690.14	-57.21	-1524.89	26.90	813.22	-21.67
411	7.12	-0.55	7.03	-689.08	-61.55	-1488.85	13.05	800.84	-62.35
412	7.09	-1.65	7.03	-683.01	-61.20	-1456.12	-1.18	785.25	-100.96
413	8.18	1.65	7.03	-770.28	-54.17	-1408.08	37.19	895.65	29.55
414	8.21	0.55	7.03	-773.54	-61.83	-1373.75	25.45	887.51	-11.92
415	8.21	-0.55	7.03	-771.34	-65.53	-1341.54	12.80	874.88	-50.40
416	8.18	-1.65	7.03	-763.86	-65.02	-1311.85	-0.51	858.13	-86.85
417	9.27	1.65	7.03	-852.44	-66.47	-1267.33	33.13	954.90	34.55
418	9.31	0.55	7.03	-854.94	-73.33	-1237.01	22.61	947.71	-2.84
419	9.31	-0.55	7.03	-851.76	-76.32	-1208.44	11.50	935.33	-37.99
420	9.27	-1.65	7.03	-843.07	-75.23	-1181.90	-0.52	918.15	-71.25
421	10.36	1.65	7.03	-927.61	-86.76	-1151.93	27.85	1002.08	37.61
422	10.41	0.55	7.03	-929.37	-93.02	-1125.10	18.65	995.90	5.19
423	10.41	-0.55	7.03	-925.41	-95.25	-1099.78	9.20	984.20	-25.66
424	10.36	-1.65	7.03	-915.93	-93.29	-1076.09	-1.33	967.30	-54.82
425	11.45	1.65	7.03	-989.41	-116.07	-1073.61	22.02	1041.26	38.72
426	11.50	0.55	7.03	-990.45	-121.79	-1049.79	13.99	1036.00	11.92
427	11.50	-0.55	7.03	-985.97	-123.23	-1027.13	6.00	1025.24	-13.89
428	11.45	-1.65	7.03	-976.20	-120.29	-1005.65	-3.15	1009.23	-38.24
429	12.55	1.65	7.03	-1029.81	-154.97	-1046.53	16.68	1077.35	37.88
430	12.60	0.55	7.03	-1030.19	-159.97	-1025.30	9.18	1072.85	17.19
431	12.60	-0.55	7.03	-1025.49	-160.60	-1004.60	1.97	1063.13	-2.98
432	12.55	-1.65	7.03	-1015.90	-156.83	-984.38	-6.41	1048.39	-21.94
433	13.64	1.65	7.03	-1034.09	-202.85	-1090.78	13.47	1113.55	34.71
434	13.69	0.55	7.03	-1033.90	-206.89	-1071.74	4.98	1109.61	20.81
435	13.69	-0.55	7.03	-1029.26	-206.71	-1052.19	-2.90	1100.90	7.01
436	13.64	-1.65	7.03	-1020.30	-202.33	-1032.04	-12.01	1087.54	-5.76
437	14.73	1.65	7.03	-969.25	-256.79	-1238.48	14.91	1142.82	27.71
438	14.79	0.55	7.03	-968.47	-260.00	-1221.42	2.50	1139.28	22.34
439	14.79	-0.55	7.03	-964.19	-259.05	-1202.06	-8.75	1131.39	16.44
440	14.73	-1.65	7.03	-956.55	-253.99	-1180.33	-21.48	1119.28	11.74
441	15.82	1.65	7.03	-752.54	-310.19	-1552.13	25.16	1110.74	11.98
442	15.88	0.55	7.03	-750.28	-312.86	-1537.66	3.79	1107.01	20.10
443	15.88	-0.55	7.03	-746.87	-311.27	-1517.14	-16.02	1099.80	26.79
444	15.82	-1.65	7.03	-742.41	-305.45	-1490.59	-37.33	1089.25	35.16
445	16.91	1.65	7.03	-112.90	-269.22	-1675.01	51.91	617.55	-41.23
446	16.98	0.55	7.03	-110.88	-269.19	-1665.94	13.33	613.15	2.42
447	16.98	-0.55	7.03	-110.04	-267.68	-1644.16	-24.99	608.09	46.20
448	16.91	-1.65	7.03	-110.30	-264.68	-1609.83	-63.10	602.33	89.65
449	0.56	1.65	5.34	-275.42	-58.56	-2152.95	12.98	60.15	22.33
450	0.56	0.55	5.34	-280.82	-66.32	-2110.56	5.56	61.59	-39.85
451	0.56	-0.55	5.34	-283.54	-70.56	-2069.26	-1.99	60.49	-97.15
452	0.56	-1.65	5.34	-283.54	-70.99	-2029.83	-9.54	56.88	-152.31
453	1.68	1.65	5.34	-333.41	-57.03	-2036.11	18.10	195.19	20.54
454	1.68	0.55	5.34	-339.12	-64.56	-1993.79	9.71	194.57	-39.24
455	1.68	-0.55	5.34	-341.62	-68.72	-1953.11	0.95	191.43	-94.25
456	1.68	-1.65	5.34	-340.87	-69.24	-1914.83	-7.83	185.89	-147.12
457	2.79	1.65	5.34	-399.81	-55.41	-1908.38	22.85	319.55	20.93
458	2.80	0.55	5.34	-405.52	-62.47	-1867.09	13.49	317.06	-36.68
459	2.80	-0.55	5.34	-407.60	-66.47	-1827.61	3.56	312.02	-89.78
460	2.79	-1.65	5.34	-405.99	-67.12	-1790.67	-6.44	304.59	-140.69
461	3.91	1.65	5.34	-474.63	-54.48	-1772.71	26.74	433.29	23.05
462	3.93	0.55	5.34	-480.12	-60.90	-1733.21	16.58	429.29	-32.45
463	3.93	-0.55	5.34	-481.58	-64.65	-1695.47	5.71	422.56	-83.78
464	3.91	-1.65	5.34	-478.99	-65.43	-1660.17	-5.30	413.32	-132.90
465	5.03	1.65	5.34	-558.24	-55.26	-1631.96	29.38	536.01	26.26
466	5.05	0.55	5.34	-563.36	-61.00	-1594.77	18.72	530.96	-26.92
467	5.05	-0.55	5.34	-564.05	-64.40	-1559.22	7.31	522.84	-76.36
468	5.03	-1.65	5.34	-560.30	-65.19	-1525.89	-4.39	511.91	-123.59
469	6.15	1.65	5.34	-650.72	-58.98	-1489.57	30.52	627.01	29.86
470	6.17	0.55	5.34	-655.39	-64.10	-1454.98	19.72	621.38	-20.55
471	6.17	-0.55	5.34	-655.19	-67.08	-1421.93	8.23	612.23	-67.70
472	6.15	-1.65	5.34	-650.18	-67.64	-1390.94	-3.73	599.84	-112.70
473	7.26	1.65	5.34	-751.74	-67.08	-1350.15	29.97	705.66	33.19
474	7.29	0.55	5.34	-755.88	-71.77	-1318.22	19.46	699.86	-13.82
475	7.29	-0.55	5.34	-754.75	-74.25	-1287.85	8.43	690.08	-58.08
476	7.26	-1.65	5.34	-748.45	-74.28	-1259.45	-3.30	676.61	-100.27
477	8.38	1.65	5.34	-860.40	-81.18	-1219.62	27.65	772.03	35.71
478	8.41	0.55	5.34	-863.90	-85.69	-1190.25	17.90	766.37	-7.18
479	8.41	-0.55	5.34	-861.87	-87.62	-1162.57	7.90	756.35	-47.81
480	8.38	-1.65	5.34	-854.43	-86.76	-1136.84	-3.02	742.27	-86.54
481	9.50	1.65	5.34	-975.89	-103.17	-1105.11	23.48	827.35	37.03
482	9.53	0.55	5.34	-978.60	-107.72	-1078.14	15.08	822.00	-1.02
483	9.53	-0.55	5.34	-975.74	-109.06	-1052.97	6.74	812.10	-37.28
484	9.50	-1.65	5.34	-967.47	-107.03	-1029.75	-2.75	797.92	-71.84
485	10.62	1.65	5.34	-1097.88	-135.12	-1014.83	17.57	874.38	36.93
486	10.66	0.55	5.34	-1099.61	-139.77	-990.11	11.12	869.41	4.36
487	10.66	-0.55	5.34	-1096.05	-140.50	-967.15	5.04	859.91	-26.84
488	10.62	-1.65	5.34	-1087.36	-137.21	-945.99	-2.34	846.13	-56.58
489	11.73	1.65	5.34	-1227.76	-179.27	-958.43	10.22	917.92	35.31
490	11.78	0.55	5.34	-1228.36	-183.79	-935.86	6.25	913.26	8.74
491	11.78	-0.55	5.34	-1224.23	-183.88	-914.68	2.93	904.36	-16.82
492	11.73	-1.65	5.34	-1215.53	-179.50	-894.87	-1.80	891.43	-41.17
493	12.85	1.65	5.34	-1369.83	-237.76	-948.31	1.98	965.96	32.20
494	12.90	0.55	5.34	-1369.04	-241.85	-927.81	0.71	961.32	12.07
495	12.90	-0.55	5.34	-1364.45	-241.27	-907.93	0.56	953.10	-7.47

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
496	12.85	-1.65	5.34	-1356.24	-236.05	-888.57	-1.30	941.46	-25.92
497	13.97	1.65	5.34	-1533.53	-312.98	-1003.86	-6.79	1033.26	27.95
498	14.02	0.55	5.34	-1530.45	-316.91	-985.12	-5.48	1027.69	14.62
499	14.02	-0.55	5.34	-1525.45	-315.64	-965.95	-1.69	1020.10	0.88
500	13.97	-1.65	5.34	-1518.72	-309.18	-946.26	-0.79	1010.61	-11.24
501	15.09	1.65	5.34	-1735.68	-409.69	-1166.39	-16.51	1151.55	24.02
502	15.14	0.55	5.34	-1728.28	-415.49	-1147.49	-12.69	1142.36	17.39
503	15.14	-0.55	5.34	-1722.76	-413.49	-1128.35	-3.15	1135.11	7.73
504	15.09	-1.65	5.34	-1719.35	-403.64	-1108.90	0.50	1129.95	1.89
505	16.20	1.65	5.34	-1999.23	-540.91	-1539.84	-27.54	1394.81	22.66
506	16.26	0.55	5.34	-1986.44	-554.07	-1515.07	-21.54	1377.89	22.60
507	16.26	-0.55	5.34	-1980.02	-551.26	-1494.86	-3.11	1370.22	12.71
508	16.20	-1.65	5.34	-1980.32	-532.35	-1479.30	3.07	1372.09	13.01
509	17.32	1.65	5.34	-2264.98	-820.58	-3066.19	-24.28	1996.26	26.46
510	17.39	0.55	5.34	-2241.91	-854.08	-3018.30	-27.17	1961.76	36.27
511	17.39	-0.55	5.34	-2234.07	-849.64	-2990.79	-6.57	1951.13	17.78
512	17.32	-1.65	5.34	-2241.88	-807.26	-2984.42	-8.71	1964.79	27.62
513	-14.44	1.65	17.16	31.72	-28.98	31.83	7.08	77.83	10.63
514	-14.52	0.55	17.16	30.81	-27.91	31.37	17.10	76.48	23.62
515	-14.52	-0.55	17.16	27.55	-29.93	31.51	26.71	73.70	36.51
516	-14.44	-1.65	17.16	22.01	-34.90	32.22	36.92	69.65	48.87
517	-13.51	1.65	17.16	47.84	-34.00	-64.58	12.66	40.56	-0.88
518	-13.59	0.55	17.16	46.97	-30.91	-63.69	31.55	40.39	12.51
519	-13.59	-0.55	17.16	41.02	-30.78	-62.91	50.00	38.83	25.66
520	-13.51	-1.65	17.16	30.17	-33.59	-62.19	67.92	35.84	38.56
521	-12.58	1.65	17.16	-6.77	-51.63	-98.94	19.00	-39.34	0.52
522	-12.65	0.55	17.16	-7.39	-47.29	-96.97	44.67	-38.55	9.94
523	-12.65	-0.55	17.16	-15.14	-45.04	-95.91	69.29	-39.03	19.33
524	-12.58	-1.65	17.16	-29.75	-44.93	-95.69	93.02	-40.78	28.48
525	-11.65	1.65	17.16	-163.47	-94.23	-129.45	29.33	-153.22	6.46
526	-11.71	0.55	17.16	-163.46	-87.72	-126.33	58.19	-150.69	10.04
527	-11.71	-0.55	17.16	-171.89	-83.07	-124.95	85.63	-149.83	13.89
528	-11.65	-1.65	17.16	-188.38	-80.40	-125.18	111.75	-150.63	17.44
529	-10.72	1.65	17.16	-474.63	-171.17	-192.15	47.14	-324.05	15.07
530	-10.77	0.55	17.16	-472.66	-161.17	-187.11	73.59	-318.01	10.97
531	-10.77	-0.55	17.16	-479.96	-153.70	-184.97	98.42	-315.12	7.73
532	-10.72	-1.65	17.16	-496.12	-148.85	-185.57	121.63	-315.33	3.96
533	-9.78	1.65	17.16	-1036.85	-298.95	-345.31	76.60	-621.78	27.47
534	-9.84	0.55	17.16	-1029.49	-283.64	-336.15	91.79	-608.62	12.24
535	-9.84	-0.55	17.16	-1032.37	-272.81	-332.11	105.70	-602.01	-1.14
536	-9.78	-1.65	17.16	-1045.09	-266.41	-332.90	117.81	-601.81	-15.45
537	-8.85	1.65	17.16	-2039.53	-518.42	-748.43	122.97	-1230.35	49.50
538	-8.90	0.55	17.16	-2019.25	-496.07	-730.42	113.10	-1202.96	14.50
539	-8.90	-0.55	17.16	-2011.34	-481.12	-721.17	103.67	-1188.39	-17.02
540	-8.85	-1.65	17.16	-2015.46	-473.23	-720.18	92.18	-1186.21	-49.97
541	-7.92	1.65	17.16	-3857.85	-931.54	-1826.77	192.67	-2660.13	100.76
542	-7.96	0.55	17.16	-3810.08	-900.71	-1784.18	137.23	-2604.57	21.80
543	-7.96	-0.55	17.16	-3778.84	-880.07	-1760.74	86.02	-2570.56	-50.25
544	-7.92	-1.65	17.16	-3763.77	-868.90	-1755.20	32.56	-2557.11	-124.41
545	-6.99	1.65	17.16	-7443.23	-2435.73	-8734.28	270.52	-7126.49	281.97
546	-7.03	0.55	17.16	-7344.16	-2397.78	-8636.06	158.18	-7023.72	66.40
547	-7.03	-0.55	17.16	-7262.00	-2357.47	-8515.37	54.99	-6926.29	-137.27
548	-6.99	-1.65	17.16	-7196.14	-2314.32	-8370.52	-49.55	-6832.74	-338.63
549	-6.06	1.65	17.16	-1724.03	-2360.20	-14163.30	-101.21	-1355.92	-92.22
550	-6.09	0.55	17.16	-1659.10	-2360.42	-14153.20	-14.22	-1296.64	-75.26
551	-6.09	-0.55	17.16	-1638.57	-2324.00	-13954.20	63.91	-1280.28	-55.62
552	-6.06	-1.65	17.16	-1660.54	-2252.84	-13568.50	144.90	-1304.70	-35.14
553	-5.13	1.65	17.16	-1953.89	-1554.21	-8350.74	166.89	3240.28	-466.48
554	-5.15	0.55	17.16	-2042.83	-1450.10	-8330.58	111.67	3615.35	-168.64
555	-5.15	-0.55	17.16	-2018.73	-1419.44	-8213.08	-2.87	3573.29	39.00
556	-5.13	-1.65	17.16	-1882.95	-1457.28	-7994.66	-69.17	3132.66	317.93
557	-4.19	1.65	17.16	-939.10	-452.60	-2117.41	88.66	814.21	-623.07
558	-4.22	0.55	17.16	-905.77	-103.08	-1728.28	66.88	1064.75	-140.04
559	-4.22	-0.55	17.16	-895.14	-81.62	-1695.62	0.20	1057.49	82.63
560	-4.19	-1.65	17.16	-903.30	-368.34	-1994.07	-31.76	803.38	522.03
561	-3.26	1.65	17.16	-522.11	-309.32	-1277.00	72.79	149.21	-834.35
562	-3.28	0.55	17.16	-404.39	190.66	-737.97	42.87	249.71	-182.54
563	-3.28	-0.55	17.16	-398.37	216.67	-715.48	-2.09	251.88	138.09
564	-3.26	-1.65	17.16	-496.30	-205.47	-1176.37	-37.51	158.19	729.91
565	-2.33	1.65	17.16	-382.12	-275.36	-1031.22	69.99	9.24	-922.19
566	-2.34	0.55	17.16	-220.29	281.07	-450.86	31.45	20.26	-215.62
567	-2.34	-0.55	17.16	-214.68	311.71	-429.90	-6.34	23.24	169.19
568	-2.33	-1.65	17.16	-355.76	-157.03	-934.07	-47.04	17.60	810.41
569	-1.40	1.65	17.16	-341.31	-260.21	-938.33	62.25	2.01	-929.83
570	-1.41	0.55	17.16	-169.24	302.45	-367.37	22.87	-22.25	-226.94
571	-1.41	-0.55	17.16	-162.80	335.95	-346.29	-8.86	-20.42	176.75
572	-1.40	-1.65	17.16	-312.36	-133.92	-841.37	-48.80	6.86	813.36
573	-0.47	1.65	17.16	-324.62	-247.65	-883.19	50.83	29.22	-903.86
574	-0.47	0.55	17.16	-155.41	300.31	-335.26	14.16	-9.36	-224.68
575	-0.47	-0.55	17.16	-148.35	335.10	-314.01	-9.74	-8.82	172.26
576	-0.47	-1.65	17.16	-293.79	-117.95	-785.99	-46.30	30.57	785.02
577	-14.85	1.65	15.47	-52.59	107.55	1.18	12.84	-24.60	16.18
578	-14.93	0.55	15.47	-52.42	106.75	2.09	13.61	-23.33	41.93
579	-14.93	-0.55	15.47	-53.80	105.35	3.22	14.39	-26.55	67.36
580	-14.85	-1.65	15.47	-56.68	103.36	4.53	15.26	-33.96	91.87
581	-13.90	1.65	15.47	-225.47	73.43	-230.48	14.91	-176.43	16.03
582	-13.97	0.55	15.47	-222.58	72.48	-227.08	15.48	-173.11	33.33
583	-13.97	-0.55	15.47	-222.57	71.18	-224.28	16.73	-174.01	50.56
584	-13.90	-1.65	15.47	-225.41	69.54	-222.06	17.39	-179.10	67.15
585	-12.94	1.65	15.47	-460.42	39.93	-367.19	24.21	-371.89	21.44
586	-13.00	0.55	15.47	-455.12	38.54	-360.98	20.93	-366.15	28.44
587	-13.00	-0.55	15.47	-453.31	37.70	-357.05	18.42	-364.41	35.92
588	-12.94	-1.65	15.47	-454.92	37.37	-355.34	15.27	-366.60	42.86
589	-11.98	1.65	15.47	-760.69	-3.39	-503.08	36.29	-645.87	33.57
590	-12.04	0.55	15.47	-752.22	-5.16	-493.39	26.37	-636.57	26.64
591	-12.04	-0.55	15.47	-747.66	-5.41	-488.03	17.93	-631.25	20.97
592	-11.98	-1.65	15.47	-746.94	-4.21	-486.89	8.37	-629.87	14.74
593	-11.02	1.65	15.47	-1136.19	-67.84	-726.46	48.45	-1038.58	51.64
594	-11.08	0.55	15.47	-1122.96	-70.99	-711.57	30.12	-1023.37	26.05

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
595	-11.08	-0.55	15.47	-1114.29	-70.51	-703.51	14.49	-1012.80	3.08
596	-11.02	-1.65	15.47	-1110.08	-66.56	-702.14	-3.04	-1006.83	-20.73
597	-10.06	1.65	15.47	-1577.86	-170.12	-1168.96	56.59	-1613.19	75.06
598	-10.11	0.55	15.47	-1557.75	-176.46	-1144.95	30.21	-1588.22	24.78
599	-10.11	-0.55	15.47	-1543.37	-174.99	-1131.22	8.27	-1569.57	-20.57
600	-10.06	-1.65	15.47	-1534.60	-166.01	-1127.57	-16.68	-1557.15	-67.46
601	-9.10	1.65	15.47	-1993.93	-337.34	-2088.55	51.09	-2441.07	101.80
602	-9.15	0.55	15.47	-1964.93	-349.38	-2047.60	23.18	-2401.34	20.29
603	-9.15	-0.55	15.47	-1944.09	-346.26	-2021.62	1.72	-2370.29	-52.89
604	-9.10	-1.65	15.47	-1931.30	-328.57	-2010.16	-24.23	-2347.75	-128.76
605	-8.15	1.65	15.47	-2033.86	-626.83	-4132.91	7.57	-3457.63	120.86
606	-8.19	0.55	15.47	-1995.67	-648.40	-4067.15	1.94	-3400.67	7.26
607	-8.19	-0.55	15.47	-1972.15	-641.84	-4012.61	4.00	-3352.92	-94.06
608	-8.15	-1.65	15.47	-1963.14	-608.30	-3968.64	-0.29	-3314.14	-199.33
609	-7.19	1.65	15.47	-142.75	-701.70	-6351.31	-137.59	-2842.03	27.53
610	-7.22	0.55	15.47	-94.79	-740.49	-6269.71	-51.19	-2766.97	-47.79
611	-7.22	-0.55	15.47	-94.96	-732.45	-6182.00	41.85	-2723.20	-108.37
612	-7.19	-1.65	15.47	-142.34	-679.78	-6087.54	124.57	-2709.93	-176.47
613	-6.23	1.65	15.47	-5.10	-962.74	-7499.94	-222.70	-1301.30	-167.34
614	-6.26	0.55	15.47	100.57	-997.16	-7351.85	-64.34	-1135.42	-126.31
615	-6.26	-0.55	15.47	97.21	-981.94	-7243.20	95.54	-1108.68	-78.23
616	-6.23	-1.65	15.47	-11.95	-920.37	-7169.97	245.63	-1216.29	-36.83
617	-5.27	1.65	15.47	-388.50	-1169.32	-7024.41	-375.63	440.70	-518.19
618	-5.30	0.55	15.47	-267.67	-1170.74	-6677.98	-109.91	704.00	-233.89
619	-5.30	-0.55	15.47	-264.68	-1147.61	-6569.74	142.53	708.14	20.99
620	-5.27	-1.65	15.47	-376.05	-1104.92	-6685.03	393.62	461.94	289.54
621	-4.31	1.65	15.47	-1293.91	-1293.17	-5186.72	-300.22	1209.93	-926.88
622	-4.33	0.55	15.47	-1279.71	-1260.08	-4565.56	-88.91	1491.49	-354.79
623	-4.33	-0.55	15.47	-1264.84	-1228.95	-4477.22	123.90	1485.81	147.21
624	-4.31	-1.65	15.47	-1249.83	-1207.83	-4893.49	323.25	1201.37	684.15
625	-3.35	1.65	15.47	-1249.77	-1192.78	-3498.81	-179.52	730.91	-1191.19
626	-3.37	0.55	15.47	-1249.89	-1154.97	-2649.28	-58.20	893.31	-438.25
627	-3.37	-0.55	15.47	-1236.00	-1119.92	-2578.44	81.47	893.08	240.32
628	-3.35	-1.65	15.47	-1208.13	-1099.13	-3249.13	196.96	733.33	946.10
629	-2.40	1.65	15.47	-1061.29	-1135.78	-2813.60	-63.37	410.25	-1319.45
630	-2.41	0.55	15.47	-1027.08	-1118.39	-1882.52	-22.73	462.23	-487.81
631	-2.41	-0.55	15.47	-1015.15	-1080.88	-1816.18	36.19	464.12	290.45
632	-2.40	-1.65	15.47	-1023.58	-1037.48	-2575.69	75.69	415.77	1070.72
633	-1.44	1.65	15.47	-909.61	-1081.22	-2481.38	17.85	268.45	-1346.75
634	-1.44	0.55	15.47	-838.67	-1085.52	-1549.75	4.75	255.64	-504.17
635	-1.44	-0.55	15.47	-827.50	-1047.12	-1484.37	2.21	257.19	304.23
636	-1.44	-1.65	15.47	-872.66	-981.99	-2246.90	-9.99	272.17	1095.16
637	-0.48	1.65	15.47	-814.92	-1025.08	-2287.00	64.13	219.52	-1317.87
638	-0.48	0.55	15.47	-723.33	-1043.30	-1386.98	21.69	175.11	-498.62
639	-0.48	-0.55	15.47	-712.21	-1004.74	-1321.75	-19.68	175.54	296.64
640	-0.48	-1.65	15.47	-777.35	-926.45	-2053.41	-61.45	220.35	1064.82
641	-15.27	1.65	13.78	-93.76	177.30	-305.41	17.73	-202.22	10.28
642	-15.34	0.55	13.78	-93.36	176.45	-298.56	13.16	-197.84	39.15
643	-15.34	-0.55	13.78	-93.95	175.96	-293.84	8.67	-199.23	67.84
644	-15.27	-1.65	13.78	-95.42	175.81	-291.23	4.03	-206.06	95.37
645	-14.28	1.65	13.78	-277.45	146.93	-533.34	17.83	-454.32	28.25
646	-14.35	0.55	13.78	-275.12	145.15	-525.22	9.51	-448.30	39.84
647	-14.35	-0.55	13.78	-273.42	143.85	-519.04	1.99	-446.91	51.64
648	-14.28	-1.65	13.78	-272.36	143.07	-514.67	-5.93	-450.05	62.58
649	-13.30	1.65	13.78	-489.37	115.59	-739.87	21.60	-707.36	42.51
650	-13.36	0.55	13.78	-485.61	112.35	-728.95	8.02	-699.21	38.26
651	-13.36	-0.55	13.78	-481.41	110.46	-720.99	-4.51	-694.68	34.88
652	-13.30	-1.65	13.78	-476.82	109.95	-715.86	-17.19	-693.72	30.87
653	-12.31	1.65	13.78	-714.90	79.36	-974.79	26.83	-1005.70	57.80
654	-12.37	0.55	13.78	-709.70	74.61	-959.80	6.84	-994.88	36.13
655	-12.37	-0.55	13.78	-702.70	72.22	-949.31	-11.41	-986.34	16.23
656	-12.31	-1.65	13.78	-694.06	72.26	-943.20	-29.94	-980.07	-4.15
657	-11.33	1.65	13.78	-922.45	32.74	-1313.99	29.21	-1370.33	75.23
658	-11.38	0.55	13.78	-915.20	25.34	-1293.46	3.91	-1356.00	33.20
659	-11.38	-0.55	13.78	-905.28	22.51	-1278.79	-18.60	-1342.16	-5.70
660	-11.33	-1.65	13.78	-892.93	24.31	-1269.87	-41.81	-1328.95	-45.09
661	-10.34	1.65	13.78	-1050.18	-31.42	-1853.85	22.59	-1791.00	92.32
662	-10.39	0.55	13.78	-1039.83	-43.69	-1825.67	-3.03	-1771.78	27.63
663	-10.39	-0.55	13.78	-1027.52	-46.84	-1803.82	-24.39	-1751.23	-31.75
664	-10.34	-1.65	13.78	-1013.56	-40.94	-1788.24	-47.35	-1729.65	-92.03
665	-9.36	1.65	13.78	-986.83	-118.68	-2696.50	-1.77	-2179.84	100.67
666	-9.40	0.55	13.78	-971.52	-139.26	-2658.38	-16.38	-2153.80	15.78
667	-9.40	-0.55	13.78	-958.91	-142.45	-2624.59	-24.84	-2125.95	-60.55
668	-9.36	-1.65	13.78	-949.27	-128.53	-2595.22	-36.68	-2096.74	-138.97
669	-8.37	1.65	13.78	-584.29	-199.12	-3701.07	-52.64	-2239.28	78.34
670	-8.41	0.55	13.78	-559.38	-232.50	-3650.40	-37.55	-2201.29	-9.50
671	-8.41	-0.55	13.78	-551.10	-235.53	-3601.18	-13.88	-2169.47	-84.27
672	-8.37	-1.65	13.78	-559.49	-208.95	-3553.77	3.07	-2144.29	-164.09
673	-7.39	1.65	13.78	-371.46	-336.09	-4672.86	-109.20	-1992.71	16.12
674	-7.42	0.55	13.78	-328.26	-384.89	-4593.46	-57.46	-1925.98	-49.40
675	-7.42	-0.55	13.78	-322.47	-386.26	-4527.36	6.31	-1893.66	-95.08
676	-7.39	-1.65	13.78	-353.56	-341.64	-4474.74	58.46	-1895.62	-152.05
677	-6.40	1.65	13.78	3.92	-443.76	-5337.08	-184.29	-1401.65	-104.82
678	-6.43	0.55	13.78	46.56	-517.33	-5195.91	-83.49	-1299.00	-109.58
679	-6.43	-0.55	13.78	46.95	-516.65	-5114.84	34.55	-1270.95	-81.90
680	-6.40	-1.65	13.78	5.55	-444.48	-5093.08	133.38	-1316.59	-79.47
681	-5.42	1.65	13.78	21.58	-557.53	-5491.50	-209.97	-609.95	-269.97
682	-5.44	0.55	13.78	44.05	-670.79	-5253.85	-89.79	-482.44	-185.74
683	-5.44	-0.55	13.78	42.41	-666.87	-5162.86	56.64	-462.55	-43.08
684	-5.42	-1.65	13.78	16.45	-550.87	-5216.15	173.91	-548.96	45.63
685	-4.43	1.65	13.78	-198.46	-636.54	-5093.74	-214.08	69.59	-444.71
686	-4.45	0.55	13.78	-192.71	-794.49	-4743.48	-86.14	197.02	-262.11
687	-4.45	-0.55	13.78	-192.96	-787.48	-4649.46	65.32	208.03	11.67
688	-4.43	-1.65	13.78	-199.78	-623.14	-4807.49	189.73	104.12	195.55
689	-3.45	1.65	13.78	-565.68	-693.99	-4387.08	-164.56	415.15	-600.33
690	-3.46	0.55	13.78	-586.43	-883.88	-3939.36	-64.14	518.83	-325.31
691	-3.46	-0.55	13.78	-582.86	-874.43	-3847.53	52.47	523.95	63.41
692	-3.45	-1.65	13.78	-556.34	-674.74	-4105.74	150.19	431.85	336.53
693	-2.46	1.65	13.78	-716.55	-695.92	-3714.83	-96.61	423.26	-700.11



Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
694	-2.47	0.55	13.78	-740.98	-903.22	-3203.97	-37.71	480.04	-364.33
695	-2.47	-0.55	13.78	-735.79	-892.68	-3115.38	30.95	483.08	96.65
696	-2.46	-1.65	13.78	-702.30	-674.01	-3442.09	88.71	432.74	428.66
697	-1.48	1.65	13.78	-753.46	-680.90	-3273.29	-33.30	369.57	-743.79
698	-1.48	0.55	13.78	-766.50	-897.06	-2743.20	-13.43	384.39	-382.02
699	-1.48	-0.55	13.78	-760.59	-886.15	-2656.15	9.75	386.06	110.72
700	-1.48	-1.65	13.78	-736.55	-658.32	-3005.13	29.61	374.33	468.40
701	-0.49	1.65	13.78	-750.46	-655.38	-2984.76	15.02	325.55	-745.78
702	-0.49	0.55	13.78	-751.10	-872.13	-2462.64	5.67	312.92	-383.43
703	-0.49	-0.55	13.78	-744.83	-861.20	-2376.17	-7.06	313.33	110.17
704	-0.49	-1.65	13.78	-732.00	-633.05	-2718.59	-16.23	326.58	468.75
705	-15.68	1.65	12.09	-124.40	174.27	-776.99	16.93	-349.77	4.28
706	-15.75	0.55	12.09	-123.52	173.93	-763.64	10.86	-343.58	31.17
707	-15.75	-0.55	12.09	-123.45	174.06	-754.33	4.90	-343.05	57.97
708	-15.68	-1.65	12.09	-124.09	174.64	-749.00	-1.28	-347.89	83.77
709	-14.67	1.65	12.09	-275.58	156.34	-916.43	18.80	-629.49	29.56
710	-14.73	0.55	12.09	-273.99	155.40	-902.98	7.02	-622.94	36.74
711	-14.73	-0.55	12.09	-271.92	154.63	-892.90	-4.13	-619.82	44.10
712	-14.67	-1.65	12.09	-269.40	154.05	-885.99	-15.46	-620.08	50.79
713	-13.65	1.65	12.09	-419.04	136.32	-1102.25	19.78	-889.84	49.81
714	-13.72	0.55	12.09	-417.04	134.08	-1087.35	3.16	-882.29	38.81
715	-13.72	-0.55	12.09	-412.98	132.40	-1075.62	-12.62	-876.28	28.47
716	-13.65	-1.65	12.09	-406.99	131.36	-1066.91	-28.23	-871.80	17.87
717	-12.64	1.65	12.09	-545.60	112.83	-1342.81	19.85	-1149.94	67.16
718	-12.70	0.55	12.09	-543.27	109.05	-1325.22	-1.05	-1141.09	38.23
719	-12.70	-0.55	12.09	-537.31	106.47	-1310.84	-20.62	-1131.66	10.62
720	-12.64	-1.65	12.09	-527.92	105.18	-1299.55	-39.93	-1121.73	-16.88
721	-11.63	1.65	12.09	-629.93	84.20	-1667.20	16.83	-1412.12	82.26
722	-11.69	0.55	12.09	-626.89	78.12	-1646.02	-6.42	-1401.73	35.10
723	-11.69	-0.55	12.09	-619.36	74.63	-1627.56	-27.70	-1388.30	-9.83
724	-11.63	-1.65	12.09	-607.65	73.86	-1611.75	-48.79	-1372.06	-54.31
725	-10.62	1.65	12.09	-637.14	48.56	-2104.95	7.45	-1649.48	93.17
726	-10.67	0.55	12.09	-632.38	38.84	-2079.52	-13.98	-1636.88	28.51
727	-10.67	-0.55	12.09	-624.08	34.46	-2055.00	-32.57	-1619.12	-32.54
728	-10.62	-1.65	12.09	-612.58	35.56	-2031.50	-51.37	-1596.59	-93.02
729	-9.61	1.65	12.09	-541.79	6.41	-2645.30	-11.11	-1798.05	94.60
730	-9.65	0.55	12.09	-533.49	-8.86	-2614.49	-24.27	-1781.27	16.57
731	-9.65	-0.55	12.09	-525.70	-14.06	-2581.82	-33.40	-1759.60	-55.76
732	-9.61	-1.65	12.09	-518.74	-9.08	-2547.68	-43.74	-1733.62	-127.94
733	-8.60	1.65	12.09	-399.68	-51.36	-3251.12	-37.51	-1820.08	81.19
734	-8.64	0.55	12.09	-386.32	-74.35	-3210.94	-36.20	-1794.92	-2.24
735	-8.64	-0.55	12.09	-379.86	-80.03	-3168.18	-29.36	-1770.35	-76.83
736	-8.60	-1.65	12.09	-380.48	-68.43	-3123.49	-25.40	-1746.96	-152.79
737	-7.59	1.65	12.09	-172.38	-111.14	-3826.04	-71.97	-1653.64	45.50
738	-7.62	0.55	12.09	-157.35	-144.93	-3769.39	-49.50	-1617.27	-29.82
739	-7.62	-0.55	12.09	-153.88	-150.83	-3715.52	-19.71	-1591.90	-91.69
740	-7.59	-1.65	12.09	-162.05	-129.08	-3665.38	4.73	-1578.06	-158.31
741	-6.57	1.65	12.09	-36.60	-185.40	-4255.83	-99.81	-1311.06	-12.29
742	-6.60	0.55	12.09	-22.76	-232.26	-4174.73	-58.29	-1263.40	-64.96
743	-6.60	-0.55	12.09	-21.87	-237.81	-4110.20	-7.58	-1239.76	-97.71
744	-6.57	-1.65	12.09	-33.91	-202.48	-4063.45	35.11	-1240.48	-140.99
745	-5.56	1.65	12.09	26.62	-255.65	-4445.60	-120.89	-876.03	-86.30
746	-5.59	0.55	12.09	35.04	-316.45	-4334.13	-62.97	-819.91	-104.22
747	-5.59	-0.55	12.09	33.73	-321.38	-4260.94	4.38	-799.98	-94.49
748	-5.56	-1.65	12.09	22.72	-270.92	-4227.58	62.48	-816.39	-102.90
749	-4.55	1.65	12.09	-36.98	-321.99	-4390.35	-121.72	-440.31	-168.12
750	-4.57	0.55	12.09	-39.71	-396.24	-4243.71	-59.37	-381.16	-143.68
751	-4.57	-0.55	12.09	-41.94	-400.30	-4164.66	12.30	-366.11	-83.90
752	-4.55	-1.65	12.09	-43.78	-334.58	-4154.85	74.23	-395.00	-50.38
753	-3.54	1.65	12.09	-169.75	-371.11	-4141.17	-107.55	-92.30	-245.16
754	-3.56	0.55	12.09	-181.27	-457.30	-3957.34	-50.03	-39.62	-178.49
755	-3.56	-0.55	12.09	-183.30	-460.48	-3875.32	15.13	-29.47	-69.48
756	-3.54	-1.65	12.09	-176.09	-381.13	-3896.50	71.94	-61.59	5.50
757	-2.53	1.65	12.09	-335.04	-403.74	-3799.57	-77.94	129.80	-306.93
758	-2.54	0.55	12.09	-353.73	-498.72	-3585.51	-35.46	168.52	-205.22
759	-2.54	-0.55	12.09	-354.69	-501.16	-3502.63	11.90	174.61	-55.95
760	-2.53	-1.65	12.09	-338.33	-411.70	-3551.98	53.80	148.31	53.35
761	-1.52	1.65	12.09	-451.72	-414.48	-3463.24	-42.10	235.25	-345.26
762	-1.52	0.55	12.09	-471.67	-513.81	-3231.35	-19.22	255.52	-221.47
763	-1.52	-0.55	12.09	-471.77	-515.88	-3148.57	5.61	258.71	-47.41
764	-1.52	-1.65	12.09	-452.46	-421.34	-3215.81	28.19	244.89	83.59
765	-0.51	1.65	12.09	-519.37	-410.59	-3193.20	-7.09	285.62	-360.46
766	-0.51	0.55	12.09	-537.00	-510.19	-2956.79	-3.64	288.87	-227.87
767	-0.51	-0.55	12.09	-536.64	-512.12	-2874.18	-1.05	289.75	-44.63
768	-0.51	-1.65	12.09	-518.67	-417.04	-2946.27	2.33	288.28	95.06
769	-16.09	1.65	10.41	-147.41	128.73	-1264.29	13.07	-464.54	2.11
770	-16.16	0.55	10.41	-146.05	128.64	-1246.68	8.12	-457.58	23.58
771	-16.16	-0.55	10.41	-145.54	129.22	-1233.32	3.29	-455.51	45.16
772	-16.09	-1.65	10.41	-145.82	130.43	-1224.10	-1.79	-458.11	65.93
773	-15.05	1.65	10.41	-266.82	119.67	-1309.30	16.72	-720.68	26.79
774	-15.12	0.55	10.41	-265.57	119.42	-1291.86	5.42	-714.42	30.53
775	-15.12	-0.55	10.41	-263.56	119.28	-1278.26	-5.48	-710.33	34.52
776	-15.05	-1.65	10.41	-260.84	119.24	-1268.32	-16.41	-708.37	37.99
777	-14.01	1.65	10.41	-362.76	109.69	-1423.46	17.90	-956.29	48.10
778	-14.07	0.55	10.41	-361.60	108.71	-1405.54	1.82	-950.15	34.53
779	-14.07	-0.55	10.41	-358.22	107.73	-1390.79	-13.65	-943.75	21.42
780	-14.01	-1.65	10.41	-352.70	106.81	-1379.08	-28.84	-937.11	8.30
781	-12.97	1.65	10.41	-431.74	97.78	-1601.10	16.93	-1170.58	65.98
782	-13.03	0.55	10.41	-430.62	95.71	-1581.94	-2.55	-1164.13	35.60
783	-13.03	-0.55	10.41	-426.04	93.82	-1565.09	-21.10	-1155.12	6.11
784	-12.97	-1.65	10.41	-418.18	92.21	-1550.45	-39.21	-1143.65	-22.96
785	-11.94	1.65	10.41	-463.74	83.19	-1843.80	13.26	-1357.77	80.18
786	-11.99	0.55	10.41	-462.33	79.50	-1822.82	-7.77	-1350.66	33.72
787	-11.99	-0.55	10.41	-456.91	76.65	-1802.75	-27.49	-1338.82	-11.25
788	-11.94	-1.65	10.41	-447.72	74.78	-1783.59	-46.68	-1322.47	-55.35
789	-10.90	1.65	10.41	-448.57	65.06	-2150.91	5.90	-1501.86	89.57
790	-10.95	0.55	10.41	-446.23	59.04	-2127.56	-14.01	-1493.44	28.54
791	-10.95	-0.55	10.41	-440.51	55.19	-2103.03	-32.15	-1478.75	-30.17
792	-10.90	-1.65	10.41	-431.67	53.72	-2077.46	-49.83	-1458.15	-87.63

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
793	-9.86	1.65	10.41	-387.06	41.47	-2513.22	-5.72	-1581.99	92.28
794	-9.90	0.55	10.41	-383.15	32.20	-2486.51	-21.22	-1571.06	19.54
795	-9.90	-0.55	10.41	-377.75	27.40	-2456.21	-34.35	-1553.79	-49.71
796	-9.86	-1.65	10.41	-371.14	27.29	-2422.67	-47.36	-1530.66	-117.55
797	-8.82	1.65	10.41	-278.83	13.27	-2900.31	-21.71	-1569.55	85.50
798	-8.86	0.55	10.41	-273.40	-0.36	-2868.48	-29.07	-1554.71	6.05
799	-8.86	-0.55	10.41	-269.16	-6.03	-2831.30	-33.43	-1535.61	-68.33
800	-8.82	-1.65	10.41	-266.30	-3.50	-2789.36	-38.30	-1512.78	-141.54
801	-7.78	1.65	10.41	-166.78	-22.60	-3267.12	-39.23	-1453.59	67.45
802	-7.82	0.55	10.41	-160.19	-41.54	-3227.35	-36.19	-1433.45	-12.00
803	-7.82	-0.55	10.41	-157.53	-47.86	-3182.62	-29.62	-1413.62	-84.37
804	-7.78	-1.65	10.41	-158.90	-41.35	-3133.78	-24.30	-1394.62	-156.37
805	-6.75	1.65	10.41	-62.78	-62.21	-3560.53	-56.44	-1240.69	37.40
806	-6.78	0.55	10.41	-56.81	-86.96	-3508.85	-41.76	-1214.56	-34.02
807	-6.78	-0.55	10.41	-56.11	-93.69	-3456.58	-23.42	-1195.34	-96.33
808	-6.75	-1.65	10.41	-60.70	-82.25	-3404.77	-6.94	-1183.44	-159.39
809	-5.71	1.65	10.41	-12.72	-106.18	-3739.73	-67.86	-957.23	-3.06
810	-5.73	0.55	10.41	-9.51	-136.44	-3671.57	-43.89	-926.24	-58.51
811	-5.73	-0.55	10.41	-10.55	-143.28	-3612.51	-16.34	-908.98	-103.45
812	-5.71	-1.65	10.41	-15.79	-126.60	-3563.59	8.86	-905.67	-150.11
813	-4.67	1.65	10.41	-18.43	-148.01	-3783.54	-71.49	-650.39	-48.64
814	-4.69	0.55	10.41	-19.40	-183.42	-3696.33	-42.33	-617.91	-83.24
815	-4.69	-0.55	10.41	-21.73	-190.14	-3631.85	-9.72	-603.58	-105.96
816	-4.67	-1.65	10.41	-25.38	-168.16	-3590.96	20.15	-607.49	-131.68
817	-3.63	1.65	10.41	-78.80	-184.19	-3706.53	-65.20	-363.96	-92.95
818	-3.65	0.55	10.41	-85.13	-224.51	-3601.03	-36.61	-333.71	-105.88
819	-3.65	-0.55	10.41	-88.12	-230.99	-3532.68	-4.91	-322.81	-105.06
820	-3.63	-1.65	10.41	-87.79	-203.71	-3502.23	24.02	-331.25	-109.22
821	-2.59	1.65	10.41	-166.14	-210.33	-3544.97	-51.23	-128.06	-130.52
822	-2.61	0.55	10.41	-176.68	-254.57	-3423.91	-27.80	-103.69	-124.28
823	-2.61	-0.55	10.41	-179.84	-260.80	-3353.17	-2.09	-96.25	-102.43
824	-2.59	-1.65	10.41	-175.69	-229.16	-3333.39	21.45	-105.71	-87.62
825	-1.56	1.65	10.41	-259.75	-226.03	-3344.55	-31.59	50.11	-157.95
826	-1.56	0.55	10.41	-273.14	-272.59	-3212.55	-16.91	66.22	-137.20
827	-1.56	-0.55	10.41	-276.15	-278.63	-3140.57	-1.11	70.42	-99.62
828	-1.56	-1.65	10.41	-268.92	-244.28	-3129.13	13.58	62.78	-70.50
829	-0.52	1.65	10.41	-336.52	-230.52	-3143.05	-9.23	178.98	-173.27
830	-0.52	0.55	10.41	-350.93	-277.61	-3005.67	-5.14	185.57	-144.08
831	-0.52	-0.55	10.41	-353.79	-283.55	-2933.21	-1.11	186.83	-97.70
832	-0.52	-1.65	10.41	-345.26	-248.49	-2926.11	2.97	182.80	-60.27
833	-16.50	1.65	8.72	-166.23	62.82	-1699.81	7.75	-556.45	3.62
834	-16.57	0.55	8.72	-164.42	62.71	-1680.36	5.31	-549.40	18.06
835	-16.57	-0.55	8.72	-163.63	63.59	-1664.02	3.01	-546.22	32.79
836	-16.50	-1.65	8.72	-163.82	65.40	-1650.71	0.45	-546.76	46.97
837	-15.43	1.65	8.72	-263.34	57.88	-1668.09	12.45	-774.07	24.79
838	-15.50	0.55	8.72	-262.10	57.88	-1648.51	3.94	-768.28	24.69
839	-15.50	-0.55	8.72	-260.27	58.28	-1632.24	-4.32	-763.66	24.91
840	-15.43	-1.65	8.72	-257.87	59.07	-1619.11	-12.58	-760.18	24.80
841	-14.37	1.65	8.72	-335.79	53.59	-1701.39	14.92	-974.29	44.32
842	-14.43	0.55	8.72	-334.95	53.41	-1681.51	1.57	-969.32	29.21
843	-14.43	-0.55	8.72	-332.17	53.20	-1664.59	-11.38	-962.99	14.48
844	-14.37	-1.65	8.72	-327.55	52.98	-1650.47	-24.08	-955.34	-0.12
845	-13.31	1.65	8.72	-381.36	49.21	-1794.17	15.21	-1148.56	61.27
846	-13.36	0.55	8.72	-380.72	48.49	-1773.74	-1.66	-1143.91	31.30
847	-13.36	-0.55	8.72	-377.18	47.55	-1755.39	-17.91	-1135.68	1.93
848	-13.31	-1.65	8.72	-370.89	46.46	-1739.03	-33.72	-1124.00	-26.86
849	-12.24	1.65	8.72	-396.88	43.95	-1941.54	13.20	-1289.08	74.86
850	-12.29	0.55	8.72	-396.19	42.31	-1920.24	-5.62	-1284.26	30.76
851	-12.29	-0.55	8.72	-392.17	40.55	-1899.63	-23.58	-1274.05	-12.38
852	-12.24	-1.65	8.72	-385.00	38.80	-1879.69	-40.97	-1258.64	-54.49
853	-11.18	1.65	8.72	-380.45	36.90	-2137.11	8.72	-1386.74	84.31
854	-11.22	0.55	8.72	-379.39	33.90	-2114.52	-10.21	-1381.21	27.42
855	-11.22	-0.55	8.72	-375.24	31.26	-2090.76	-28.01	-1369.06	-27.99
856	-11.18	-1.65	8.72	-368.22	29.18	-2065.92	-45.17	-1350.59	-81.93
857	-10.11	1.65	8.72	-332.64	27.45	-2368.72	1.67	-1429.95	88.60
858	-10.15	0.55	8.72	-330.94	22.56	-2344.26	-15.25	-1423.03	21.11
859	-10.15	-0.55	8.72	-327.12	19.03	-2316.49	-30.73	-1409.19	-44.21
860	-10.11	-1.65	8.72	-321.38	17.10	-2285.65	-45.64	-1388.81	-107.71
861	-9.05	1.65	8.72	-263.73	14.49	-2617.33	-7.42	-1409.44	86.75
862	-9.09	0.55	8.72	-261.28	7.17	-2590.01	-20.33	-1400.33	11.76
863	-9.09	-0.55	8.72	-258.20	2.78	-2557.48	-31.47	-1385.26	-60.19
864	-9.05	-1.65	8.72	-254.68	1.59	-2520.16	-42.26	-1364.66	-130.10
865	-7.98	1.65	8.72	-183.88	-1.73	-2856.59	-17.72	-1320.07	77.93
866	-8.02	0.55	8.72	-181.07	-12.02	-2824.86	-24.95	-1308.08	-0.54
867	-8.02	-0.55	8.72	-179.14	-17.19	-2787.08	-30.12	-1292.46	-74.92
868	-7.98	-1.65	8.72	-178.21	-16.96	-2743.85	-35.28	-1273.67	-147.28
869	-6.92	1.65	8.72	-114.52	-21.53	-3058.14	-27.29	-1166.26	62.17
870	-6.95	0.55	8.72	-112.12	-35.27	-3020.03	-28.30	-1151.15	-15.34
871	-6.95	-0.55	8.72	-111.53	-41.07	-2976.86	-27.00	-1135.82	-87.46
872	-6.92	-1.65	8.72	-112.81	-38.71	-2929.38	-26.11	-1120.68	-157.94
873	-5.85	1.65	8.72	-67.55	-43.09	-3196.99	-34.50	-963.21	40.65
874	-5.88	0.55	8.72	-66.66	-60.67	-3150.64	-29.78	-945.52	-31.77
875	-5.88	-0.55	8.72	-67.44	-66.95	-3102.33	-22.62	-931.33	-97.14
876	-5.85	-1.65	8.72	-69.92	-61.78	-3053.01	-16.31	-920.98	-161.80
877	-4.79	1.65	8.72	-55.08	-65.29	-3259.86	-37.50	-732.63	15.42
878	-4.81	0.55	8.72	-56.74	-86.59	-3203.82	-28.76	-713.60	-48.55
879	-4.81	-0.55	8.72	-58.70	-93.18	-3151.03	-17.80	-701.31	-103.83
880	-4.79	-1.65	8.72	-61.00	-84.99	-3102.50	-7.82	-696.00	-159.52
881	-3.73	1.65	8.72	-75.68	-85.77	-3246.34	-35.56	-499.00	-10.63
882	-3.74	0.55	8.72	-80.25	-110.07	-3180.15	-25.24	-480.61	-64.17
883	-3.74	-0.55	8.72	-83.12	-116.84	-3123.79	-13.11	-470.77	-107.84
884	-3.73	-1.65	8.72	-84.28	-106.05	-3078.25	-1.94	-469.63	-152.81
885	-2.66	1.65	8.72	-122.78	-102.53	-3169.47	-28.56	-281.77	-34.33
886	-2.67	0.55	8.72	-130.27	-129.07	-3094.15	-19.45	-266.00	-77.37
887	-2.67	-0.55	8.72	-133.69	-135.91	-3035.22	-9.02	-258.92	-109.70
888	-2.66	-1.65	8.72	-133.08	-123.08	-2993.62	0.64	-260.60	-144.04
889	-1.60	1.65	8.72	-183.22	-113.73	-3049.41	-17.61	-91.73	-53.09
890	-1.60	0.55	8.72	-192.97	-141.66	-2967.06	-11.97	-80.28	-87.18
891	-1.60	-0.55	8.72	-196.68	-148.52	-2906.51	-5.59	-76.07	-110.03

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
892	-1.60	-1.65	8.72	-194.42	-134.38	-2868.65	0.35	-79.13	-135.39
893	-0.53	1.65	8.72	-246.21	-118.77	-2906.99	-4.10	70.38	-65.30
894	-0.53	0.55	8.72	-257.34	-147.21	-2820.47	-3.46	76.47	-93.04
895	-0.53	-0.55	8.72	-261.15	-154.09	-2759.15	-2.69	77.80	-109.32
896	-0.53	-1.65	8.72	-257.72	-139.47	-2723.89	-1.94	74.34	-128.32
897	-16.91	1.65	7.03	-183.42	-12.97	-2073.68	1.89	-635.64	7.66
898	-16.98	0.55	7.03	-181.20	-13.27	-2054.09	2.67	-628.92	14.68
899	-16.98	-0.55	7.03	-180.23	-12.16	-2035.81	3.60	-624.98	22.15
900	-16.91	-1.65	7.03	-180.48	-9.72	-2018.80	4.26	-623.72	29.30
901	-15.82	1.65	7.03	-268.70	-16.98	-1981.55	7.18	-819.72	25.48
902	-15.88	0.55	7.03	-267.34	-17.06	-1961.29	2.52	-814.47	20.55
903	-15.88	-0.55	7.03	-265.66	-16.20	-1943.21	-2.00	-809.50	16.04
904	-15.82	-1.65	7.03	-263.67	-14.44	-1927.17	-6.53	-804.79	11.38
905	-14.73	1.65	7.03	-333.47	-18.77	-1939.26	11.17	-986.18	42.46
906	-14.79	0.55	7.03	-332.73	-18.63	-1918.41	1.58	-982.02	24.86
907	-14.79	-0.55	7.03	-330.38	-18.14	-1900.06	-7.74	-975.83	7.64
908	-14.73	-1.65	7.03	-326.50	-17.33	-1884.08	-16.90	-967.65	-9.33
909	-13.64	1.65	7.03	-373.80	-18.80	-1947.36	13.44	-1125.59	57.53
910	-13.69	0.55	7.03	-373.41	-18.72	-1926.02	-0.11	-1122.04	27.22
911	-13.69	-0.55	7.03	-370.55	-18.73	-1906.85	-13.29	-1114.52	-2.61
912	-13.64	-1.65	7.03	-365.31	-18.80	-1889.76	-26.12	-1103.12	-31.81
913	-12.55	1.65	7.03	-387.73	-17.98	-2003.46	13.79	-1231.17	69.88
914	-12.60	0.55	7.03	-387.46	-18.23	-1981.63	-2.51	-1227.77	27.42
915	-12.60	-0.55	7.03	-384.29	-18.84	-1961.03	-18.30	-1218.89	-14.34
916	-12.55	-1.65	7.03	-378.36	-19.73	-1941.60	-33.58	-1204.69	-55.07
917	-11.45	1.65	7.03	-375.38	-17.17	-2101.61	12.15	-1297.18	78.88
918	-11.50	0.55	7.03	-374.98	-18.05	-2079.15	-5.48	-1293.46	25.36
919	-11.50	-0.55	7.03	-371.77	-19.34	-2056.46	-22.42	-1283.28	-27.14
920	-11.45	-1.65	7.03	-365.93	-20.90	-2033.57	-38.74	-1266.89	-78.19
921	-10.36	1.65	7.03	-340.20	-17.30	-2231.91	8.65	-1318.65	84.01
922	-10.41	0.55	7.03	-339.47	-19.15	-2208.53	-8.79	-1314.15	21.01
923	-10.41	-0.55	7.03	-336.53	-21.16	-2183.13	-25.33	-1302.87	-40.50
924	-10.36	-1.65	7.03	-331.53	-23.15	-2155.84	-41.24	-1285.12	-100.21
925	-9.27	1.65	7.03	-288.09	-18.99	-2380.20	3.63	-1291.72	84.84
926	-9.31	0.55	7.03	-287.02	-22.17	-2355.35	-12.14	-1285.98	14.46
927	-9.31	-0.55	7.03	-284.65	-24.92	-2326.69	-26.82	-1273.93	-53.87
928	-9.27	-1.65	7.03	-281.10	-27.02	-2294.50	-40.92	-1255.91	-120.10
929	-8.18	1.65	7.03	-229.20	-22.83	-2529.19	-2.19	-1215.61	81.14
930	-8.21	0.55	7.03	-227.97	-27.68	-2502.03	-15.14	-1208.28	5.90
931	-8.21	-0.55	7.03	-226.40	-31.14	-2469.73	-26.81	-1195.89	-66.61
932	-8.18	-1.65	7.03	-224.63	-32.98	-2432.70	-38.04	-1178.83	-136.84
933	-7.09	1.65	7.03	-173.45	-28.77	-2660.45	-7.91	-1093.89	73.04
934	-7.12	0.55	7.03	-172.47	-35.56	-2629.97	-17.34	-1084.84	-4.28
935	-7.12	-0.55	7.03	-171.90	-39.68	-2593.85	-25.36	-1072.67	-78.12
936	-7.09	-1.65	7.03	-171.82	-40.89	-2552.67	-33.14	-1057.74	-149.62
937	-6.00	1.65	7.03	-131.70	-36.64	-2757.92	-12.43	-935.01	61.18
938	-6.02	0.55	7.03	-131.50	-45.45	-2723.05	-18.32	-924.48	-15.48
939	-6.02	-0.55	7.03	-131.98	-50.15	-2683.20	-22.76	-913.10	-87.90
940	-6.00	-1.65	7.03	-133.16	-50.46	-2639.05	-27.14	-901.22	-158.03
941	-4.91	1.65	7.03	-110.23	-45.50	-2810.57	-14.85	-751.60	46.73
942	-4.93	0.55	7.03	-111.36	-56.32	-2770.47	-17.79	-740.20	-26.94
943	-4.93	-0.55	7.03	-112.83	-61.47	-2727.20	-19.34	-730.18	-95.63
944	-4.91	-1.65	7.03	-114.64	-60.70	-2681.55	-21.00	-721.80	-162.19
945	-3.82	1.65	7.03	-111.98	-54.33	-2814.69	-14.50	-557.57	31.27
946	-3.83	0.55	7.03	-114.88	-67.01	-2768.99	-15.61	-546.26	-37.83
947	-3.83	-0.55	7.03	-117.18	-72.51	-2722.83	-15.51	-538.04	-101.19
948	-3.82	-1.65	7.03	-118.89	-70.59	-2677.08	-15.61	-533.14	-162.74
949	-2.73	1.65	7.03	-134.68	-61.95	-2773.43	-11.24	-365.57	16.51
950	-2.74	0.55	7.03	-139.43	-76.13	-2722.37	-11.87	-355.49	-47.27
951	-2.74	-0.55	7.03	-142.37	-81.87	-2673.99	-11.58	-349.44	-104.70
952	-2.73	-1.65	7.03	-143.47	-78.95	-2629.17	-11.50	-347.56	-160.63
953	-1.64	1.65	7.03	-173.55	-67.41	-2695.06	-5.36	-184.43	4.03
954	-1.64	0.55	7.03	-179.95	-82.62	-2639.61	-6.84	-176.63	-54.55
955	-1.64	-0.55	7.03	-183.29	-88.51	-2589.74	-7.78	-172.96	-106.36
956	-1.64	-1.65	7.03	-183.55	-84.89	-2546.33	-8.84	-173.50	-156.90
957	-0.55	1.65	7.03	-222.50	-70.05	-2589.82	2.42	-18.30	-4.97
958	-0.55	0.55	7.03	-230.10	-85.75	-2531.47	-0.96	-13.53	-59.15
959	-0.55	-0.55	7.03	-233.62	-91.72	-2480.87	-4.17	-12.36	-106.37
960	-0.55	-1.65	7.03	-233.06	-87.78	-2438.87	-7.39	-14.79	-152.44
961	-17.32	1.65	5.34	-205.04	-97.03	-2403.42	-3.80	-712.58	13.54
962	-17.39	0.55	5.34	-202.58	-97.55	-2384.69	0.47	-706.53	13.23
963	-17.39	-0.55	5.34	-201.49	-96.15	-2365.23	4.92	-702.05	13.47
964	-17.32	-1.65	5.34	-201.74	-92.90	-2344.97	9.08	-699.08	13.66
965	-16.20	1.65	5.34	-288.80	-101.13	-2255.97	2.16	-875.33	29.40
966	-16.26	0.55	5.34	-287.35	-101.35	-2235.87	1.46	-870.68	18.45
967	-16.26	-0.55	5.34	-285.73	-100.01	-2216.68	0.84	-865.38	8.00
968	-16.20	-1.65	5.34	-283.91	-97.18	-2198.32	0.20	-859.43	-2.35
969	-15.09	1.65	5.34	-356.08	-101.20	-2140.35	7.89	-1012.87	44.07
970	-15.14	0.55	5.34	-355.40	-100.88	-2119.18	1.99	-1009.24	22.21
971	-15.14	-0.55	5.34	-353.27	-99.73	-2100.06	-3.73	-1003.07	0.78
972	-15.09	-1.65	5.34	-349.69	-97.78	-2082.89	-9.39	-994.39	-20.25
973	-13.97	1.65	5.34	-400.04	-97.70	-2066.77	12.37	-1119.27	56.73
974	-14.02	0.55	5.34	-399.83	-97.07	-2044.93	1.86	-1116.26	24.20
975	-14.02	-0.55	5.34	-397.30	-96.21	-2025.50	-8.47	-1109.18	-7.84
976	-13.97	-1.65	5.34	-392.51	-95.13	-2008.41	-18.55	-1098.16	-39.19
977	-12.85	1.65	5.34	-417.37	-91.71	-2038.42	15.09	-1191.69	66.89
978	-12.90	0.55	5.34	-417.33	-90.93	-2016.21	0.95	-1188.90	24.36
979	-12.90	-0.55	5.34	-414.58	-90.46	-1996.03	-12.94	-1180.96	-17.54
980	-12.85	-1.65	5.34	-409.24	-90.28	-1977.81	-26.40	-1168.02	-58.43
981	-11.73	1.65	5.34	-409.20	-84.43	-2052.48	15.88	-1229.01	74.33
982	-11.78	0.55	5.34	-409.08	-83.71	-2030.06	-0.62	-1226.11	22.73
983	-11.78	-0.55	5.34	-406.33	-83.72	-2008.61	-16.77	-1217.38	-28.02
984	-11.73	-1.65	5.34	-401.10	-84.38	-1988.15	-32.38	-1203.00	-77.43
985	-10.62	1.65	5.34	-379.71	-76.94	-2100.97	14.89	-1230.36	78.89
986	-10.66	0.55	5.34	-379.34	-76.54	-2078.27	-2.65	-1227.06	19.40
987	-10.66	-0.55	5.34	-376.83	-77.10	-2055.08	-19.69	-1217.67	-38.95
988	-10.62	-1.65	5.34	-372.29	-78.47	-2031.49	-36.14	-1202.43	-95.64
989	-9.50	1.65	5.34	-335.51	-70.17	-2172.35	12.48	-1195.25	80.48
990	-9.53	0.55	5.34	-334.88	-70.38	-2149.11	-4.85	-1191.30	14.50

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
991	-9.53	-0.55	5.34	-332.81	-71.51	-2123.76	-21.54	-1181.48	-49.96
992	-9.50	-1.65	5.34	-329.41	-73.40	-2096.48	-37.62	-1166.07	-112.47
993	-8.38	1.65	5.34	-284.28	-64.74	-2253.10	9.17	-1124.32	79.08
994	-8.41	0.55	5.34	-283.49	-65.79	-2228.86	-6.91	-1119.51	8.25
995	-8.41	-0.55	5.34	-282.04	-67.52	-2201.03	-22.21	-1109.57	-60.62
996	-8.38	-1.65	5.34	-280.03	-69.71	-2169.90	-36.96	-1094.78	-127.32
997	-7.26	1.65	5.34	-234.35	-61.01	-2329.45	5.62	-1020.32	74.85
998	-7.29	0.55	5.34	-233.64	-63.11	-2303.62	-8.49	-1014.57	0.95
999	-7.29	-0.55	5.34	-232.95	-65.41	-2273.14	-21.75	-1004.87	-70.52
1000	-7.26	-1.65	5.34	-232.34	-67.66	-2238.42	-34.53	-991.51	-139.63
1001	-6.15	1.65	5.34	-192.99	-58.95	-2389.10	2.51	-888.53	68.19
1002	-6.17	0.55	5.34	-192.70	-62.24	-2361.04	-9.32	-881.97	-7.01
1003	-6.17	-0.55	5.34	-192.83	-65.06	-2327.91	-20.26	-872.91	-79.25
1004	-6.15	-1.65	5.34	-193.38	-67.15	-2290.21	-30.84	-861.64	-149.06
1005	-5.03	1.65	5.34	-165.97	-58.33	-2422.85	0.48	-736.42	59.75
1006	-5.05	0.55	5.34	-166.45	-62.84	-2392.04	-9.17	-729.35	-15.13
1007	-5.05	-0.55	5.34	-167.36	-66.11	-2356.42	-17.95	-721.34	-86.51
1008	-5.03	-1.65	5.34	-168.71	-67.88	-2316.59	-26.50	-712.62	-155.47
1009	-3.91	1.65	5.34	-156.26	-58.63	-2425.59	-0.05	-572.61	50.42
1010	-3.93	0.55	5.34	-157.77	-64.28	-2391.72	-7.95	-565.55	-22.84
1011	-3.93	-0.55	5.34	-159.39	-67.93	-2353.92	-15.07	-558.94	-92.11
1012	-3.91	-1.65	5.34	-161.09	-69.31	-2312.90	-22.06	-552.97	-159.01
1013	-2.79	1.65	5.34	-164.38	-59.28	-2396.48	1.14	-405.41	41.17
1014	-2.80	0.55	5.34	-167.07	-65.89	-2359.57	-5.66	-398.98	-29.59
1015	-2.80	-0.55	5.34	-169.25	-69.82	-2320.06	-11.85	-394.06	-95.96
1016	-2.79	-1.65	5.34	-170.88	-70.80	-2278.67	-17.97	-390.80	-160.03
1017	-1.68	1.65	5.34	-188.69	-59.70	-2338.11	3.95	-241.59	32.95
1018	-1.68	0.55	5.34	-192.51	-67.01	-2298.58	-2.46	-236.40	-34.89
1019	-1.68	-0.55	5.34	-195.07	-71.13	-2257.87	-8.49	-233.39	-98.05
1020	-1.68	-1.65	5.34	-196.32	-71.79	-2216.77	-14.50	-232.66	-158.99
1021	-0.56	1.65	5.34	-226.57	-59.51	-2255.18	8.07	-85.65	26.51
1022	-0.56	0.55	5.34	-231.33	-67.20	-2213.75	1.38	-82.20	-38.38
1023	-0.56	-0.55	5.34	-234.08	-71.43	-2172.45	-5.17	-81.22	-98.43
1024	-0.56	-1.65	5.34	-234.76	-71.91	-2132.05	-11.71	-82.76	-156.31
1025	0.46	2.50	17.16	-615.62	-1066.11	-2066.91	96.14	153.65	-1956.57
1026	1.39	2.50	17.16	-568.03	-1009.47	-1956.59	87.71	194.11	-1844.39
1027	2.31	2.50	17.16	-519.68	-937.35	-1854.80	82.12	225.86	-1710.88
1028	3.24	2.50	17.16	-489.04	-844.37	-1796.09	75.06	226.08	-1525.73
1029	4.16	2.50	17.16	-519.27	-718.83	-1874.77	68.78	79.19	-1161.21
1030	5.09	2.50	17.16	-777.95	-914.41	-4331.21	-9.76	-915.75	-646.69
1031	6.01	2.50	17.16	-889.11	-1066.33	-6349.42	110.68	1222.20	-105.12
1032	6.94	2.50	17.16	-3324.83	-1092.35	-3760.09	-196.90	3216.41	152.08
1033	7.86	2.50	17.16	-1664.56	-459.22	-845.19	-155.55	1241.70	53.77
1034	8.79	2.50	17.16	-812.43	-280.42	-357.42	-108.05	576.96	26.63
1035	9.71	2.50	17.16	-347.68	-188.49	-172.88	-72.62	284.04	14.07
1036	10.64	2.50	17.16	-96.78	-139.76	-101.18	-48.11	135.41	6.52
1037	11.56	2.50	17.16	29.44	-115.99	-70.32	-31.74	47.29	1.75
1038	12.49	2.50	17.16	77.20	-108.63	-51.86	-20.50	-12.05	0.16
1039	13.41	2.50	17.16	72.51	-111.47	-26.22	-11.38	-51.20	4.66
1040	14.34	2.50	17.16	32.84	-116.54	37.35	-0.48	-62.31	25.16
1041	0.46	3.10	17.16	-1305.87	-2176.25	-5596.10	171.30	318.83	-3703.64
1042	1.38	3.10	17.16	-1222.10	-2065.88	-5296.97	172.84	372.90	-3499.42
1043	2.29	3.10	17.16	-1142.95	-1926.34	-5002.80	183.69	419.01	-3275.19
1044	3.21	3.10	17.16	-1078.37	-1735.22	-4720.82	185.36	452.12	-2998.21
1045	4.13	3.10	17.16	-1013.01	-1484.74	-4448.38	180.81	452.99	-2554.88
1046	5.05	3.10	17.16	-978.65	-1177.21	-5257.01	145.38	81.51	-1280.21
1047	5.97	3.10	17.16	-982.87	-1026.70	-6333.89	122.76	1265.18	-88.58
1048	6.88	3.10	17.16	-3395.35	-1115.44	-3837.41	-243.59	3288.95	213.32
1049	7.80	3.10	17.16	-1692.36	-483.11	-872.54	-174.99	1277.82	78.36
1050	8.72	3.10	17.16	-822.42	-298.94	-368.57	-109.92	594.08	37.83
1051	9.64	3.10	17.16	-351.07	-201.72	-178.06	-65.65	291.23	18.58
1052	10.55	3.10	17.16	-97.92	-149.01	-103.83	-37.73	138.34	6.80
1053	11.47	3.10	17.16	28.87	-122.47	-71.74	-20.80	48.38	-0.41
1054	12.39	3.10	17.16	76.79	-112.90	-52.48	-10.63	-11.75	-3.30
1055	13.31	3.10	17.16	72.15	-113.55	-26.14	-3.41	-51.48	1.15
1056	14.22	3.10	17.16	32.25	-117.13	37.47	4.58	-64.29	23.51
1057	0.48	2.50	15.47	-887.83	-717.39	-3436.40	113.14	285.14	-1709.12
1058	1.43	2.50	15.47	-855.26	-696.65	-3270.80	140.76	287.57	-1610.34
1059	2.38	2.50	15.47	-848.93	-684.28	-3159.25	192.46	269.29	-1478.34
1060	3.33	2.50	15.47	-867.81	-673.11	-3164.42	269.22	196.43	-1277.68
1061	4.28	2.50	15.47	-864.50	-689.93	-3535.02	351.43	51.26	-973.75
1062	5.23	2.50	15.47	-501.83	-592.40	-3859.57	397.48	398.39	-551.81
1063	6.18	2.50	15.47	-323.39	-471.29	-3695.51	224.61	993.49	-213.34
1064	7.14	2.50	15.47	-353.47	-344.12	-3004.63	139.90	1540.19	-36.38
1065	8.09	2.50	15.47	-1090.77	-305.75	-1943.66	28.37	1688.19	46.66
1066	9.04	2.50	15.47	-1016.28	-185.67	-1016.76	-10.98	1182.32	47.89
1067	9.99	2.50	15.47	-787.00	-119.54	-589.88	-20.28	772.67	37.29
1068	10.94	2.50	15.47	-555.64	-82.48	-380.33	-17.27	484.08	26.25
1069	11.89	2.50	15.47	-361.60	-62.04	-267.78	-9.95	282.74	18.82
1070	12.85	2.50	15.47	-208.42	-50.51	-186.81	-2.18	140.06	17.23
1071	13.80	2.50	15.47	-91.93	-42.86	-89.69	2.92	38.93	23.52
1072	14.75	2.50	15.47	-12.51	-37.05	75.63	0.76	-34.00	37.64
1073	0.47	3.10	15.47	-866.79	112.20	-4205.85	85.00	333.61	-1219.73
1074	1.42	3.10	15.47	-818.75	69.47	-3992.92	101.62	343.90	-1161.55
1075	2.36	3.10	15.47	-790.15	14.03	-3828.08	158.43	355.83	-1074.47
1076	3.31	3.10	15.47	-788.02	-45.62	-3759.16	240.70	343.78	-923.42
1077	4.25	3.10	15.47	-768.79	-155.38	-3920.37	332.44	302.24	-663.17
1078	5.20	3.10	15.47	-566.74	-327.46	-4116.96	388.46	564.13	-398.55
1079	6.14	3.10	15.47	-441.45	-415.68	-3841.35	236.41	1145.20	-181.84
1080	7.08	3.10	15.47	-394.22	-306.97	-3059.28	149.26	1592.93	2.36
1081	8.03	3.10	15.47	-1119.60	-287.12	-1987.12	20.70	1725.10	87.85
1082	8.97	3.10	15.47	-1035.89	-176.41	-1041.60	-21.22	1205.23	75.99
1083	9.92	3.10	15.47	-800.05	-115.68	-603.72	-27.12	785.96	53.04
1084	10.86	3.10	15.47	-564.56	-80.86	-388.29	-19.85	491.83	33.11
1085	11.81	3.10	15.47	-368.04	-60.99	-272.21	-9.09	287.47	19.90
1086	12.75	3.10	15.47	-213.24	-49.29	-188.84	0.93	143.03	14.96
1087	13.70	3.10	15.47	-95.50	-41.12	-90.08	7.17	40.43	19.85
1088	14.64	3.10	15.47	-14.21	-36.36	75.39	3.63	-34.36	33.48
1089	0.49	2.50	13.78	-724.78	-346.72	-3274.17	58.59	327.01	-743.96

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
1090	1.47	2.50	13.78	-705.62	-335.91	-3135.56	99.46	318.64	-700.44
1091	2.45	2.50	13.78	-671.37	-325.53	-3071.18	147.14	316.60	-627.85
1092	3.42	2.50	13.78	-601.92	-311.05	-3101.19	192.69	339.13	-517.04
1093	4.40	2.50	13.78	-452.75	-278.39	-3143.32	216.90	486.56	-378.86
1094	5.38	2.50	13.78	-373.25	-258.72	-3086.17	197.88	740.55	-255.82
1095	6.36	2.50	13.78	-387.78	-222.80	-2825.33	184.94	1030.29	-140.00
1096	7.34	2.50	13.78	-525.76	-176.20	-2382.53	127.92	1210.00	-40.44
1097	8.31	2.50	13.78	-580.47	-117.67	-1859.57	82.84	1243.56	17.16
1098	9.29	2.50	13.78	-700.28	-85.28	-1362.06	43.14	1153.67	42.95
1099	10.27	2.50	13.78	-672.52	-52.47	-959.90	22.11	934.73	45.43
1100	11.25	2.50	13.78	-562.41	-30.64	-698.97	13.84	709.30	40.32
1101	12.23	2.50	13.78	-420.21	-17.19	-524.89	11.98	512.61	34.50
1102	13.21	2.50	13.78	-275.16	-8.99	-384.75	11.58	347.05	30.59
1103	14.18	2.50	13.78	-145.03	-4.24	-234.05	8.48	202.63	28.14
1104	15.16	2.50	13.78	-38.68	-2.86	-38.53	1.10	59.23	23.63
1105	0.49	3.10	13.78	-738.29	-308.58	-3618.95	57.28	347.75	-732.59
1106	1.46	3.10	13.78	-714.29	-305.31	-3469.39	98.33	351.24	-698.55
1107	2.43	3.10	13.78	-673.75	-305.17	-3379.59	150.74	373.33	-634.21
1108	3.40	3.10	13.78	-606.52	-298.18	-3347.22	202.09	422.31	-520.42
1109	4.37	3.10	13.78	-485.16	-276.70	-3329.08	225.64	561.61	-378.11
1110	5.34	3.10	13.78	-391.72	-228.24	-3216.57	203.91	811.21	-234.69
1111	6.31	3.10	13.78	-404.20	-170.29	-2912.09	191.45	1087.76	-100.62
1112	7.29	3.10	13.78	-555.82	-142.55	-2436.54	131.78	1253.59	-3.39
1113	8.26	3.10	13.78	-597.23	-94.92	-1890.71	83.28	1265.54	49.88
1114	9.23	3.10	13.78	-710.58	-71.69	-1384.84	39.97	1167.39	69.02
1115	10.20	3.10	13.78	-679.58	-44.24	-975.85	18.54	944.13	63.10
1116	11.17	3.10	13.78	-567.86	-25.38	-709.45	11.84	716.03	50.48
1117	12.14	3.10	13.78	-424.91	-13.50	-531.23	12.07	517.68	38.78
1118	13.11	3.10	13.78	-279.37	-6.26	-388.23	13.43	351.01	30.50
1119	14.09	3.10	13.78	-148.57	-2.13	-236.20	11.44	205.68	24.62
1120	15.06	3.10	13.78	-40.94	-2.59	-41.85	3.25	61.67	16.37
1121	0.50	2.50	12.09	-535.46	-306.53	-3243.54	30.46	328.24	-403.85
1122	1.51	2.50	12.09	-539.54	-288.80	-3094.57	67.72	372.94	-379.42
1123	2.51	2.50	12.09	-516.30	-265.89	-2991.78	100.60	434.33	-335.84
1124	3.52	2.50	12.09	-470.45	-235.56	-2904.72	125.76	536.18	-275.52
1125	4.52	2.50	12.09	-437.02	-200.06	-2795.63	138.07	677.76	-204.82
1126	5.53	2.50	12.09	-424.97	-154.05	-2624.76	139.96	843.38	-127.18
1127	6.53	2.50	12.09	-455.25	-110.95	-2379.33	122.24	994.54	-57.92
1128	7.54	2.50	12.09	-504.56	-75.51	-2067.27	101.69	1099.71	-6.77
1129	8.54	2.50	12.09	-575.46	-50.25	-1727.09	76.03	1127.20	26.90
1130	9.55	2.50	12.09	-596.14	-28.82	-1404.14	55.49	1076.32	43.66
1131	10.55	2.50	12.09	-584.40	-16.30	-1131.74	40.20	973.89	48.65
1132	11.56	2.50	12.09	-520.16	-8.48	-915.85	30.86	833.93	45.91
1133	12.56	2.50	12.09	-417.88	-5.14	-748.86	25.25	679.48	39.25
1134	13.57	2.50	12.09	-298.21	-5.49	-605.09	20.57	518.76	30.34
1135	14.57	2.50	12.09	-176.15	-8.46	-457.18	14.90	347.29	18.69
1136	15.58	2.50	12.09	-67.62	-15.68	-289.46	8.11	157.69	3.32
1137	0.50	3.10	12.09	-516.15	-208.01	-3435.91	30.97	336.84	-385.08
1138	1.50	3.10	12.09	-521.69	-194.16	-3274.18	72.19	393.68	-359.48
1139	2.50	3.10	12.09	-500.88	-178.01	-3151.70	107.98	465.15	-314.23
1140	3.49	3.10	12.09	-461.64	-159.82	-3043.24	135.82	572.63	-254.10
1141	4.49	3.10	12.09	-431.11	-135.63	-2907.15	151.69	719.73	-181.15
1142	5.49	3.10	12.09	-429.87	-107.49	-2705.60	154.93	883.69	-100.22
1143	6.49	3.10	12.09	-464.98	-80.50	-2433.52	132.78	1025.03	-28.78
1144	7.49	3.10	12.09	-511.51	-51.92	-2104.11	107.77	1120.01	23.03
1145	8.49	3.10	12.09	-582.34	-33.97	-1753.47	78.89	1140.47	53.70
1146	9.48	3.10	12.09	-600.01	-17.39	-1423.12	56.66	1083.69	65.71
1147	10.48	3.10	12.09	-586.55	-8.41	-1145.88	40.73	978.34	65.16
1148	11.48	3.10	12.09	-521.99	-2.97	-925.84	31.79	837.03	56.61
1149	12.48	3.10	12.09	-420.19	-1.29	-755.39	27.11	682.06	44.48
1150	13.48	3.10	12.09	-301.16	-2.97	-609.36	23.36	521.35	30.56
1151	14.47	3.10	12.09	-179.48	-6.83	-461.07	18.56	350.34	14.11
1152	15.47	3.10	12.09	-70.88	-15.78	-295.49	11.29	162.03	-6.24
1153	0.52	2.50	10.41	-371.30	-164.38	-3098.52	16.54	281.74	-171.00
1154	1.55	2.50	10.41	-403.46	-153.78	-2940.07	43.36	382.75	-161.54
1155	2.58	2.50	10.41	-419.46	-137.39	-2795.81	65.84	488.39	-139.83
1156	3.61	2.50	10.41	-430.81	-117.01	-2651.86	82.33	605.32	-109.01
1157	4.64	2.50	10.41	-445.98	-93.68	-2490.73	91.97	732.36	-72.18
1158	5.67	2.50	10.41	-475.91	-71.58	-2300.86	92.66	857.75	-34.90
1159	6.71	2.50	10.41	-518.17	-51.29	-2079.93	87.29	965.84	-1.33
1160	7.74	2.50	10.41	-569.04	-34.74	-1839.57	76.25	1040.17	25.20
1161	8.77	2.50	10.41	-608.71	-23.13	-1597.92	64.30	1073.17	42.54
1162	9.80	2.50	10.41	-630.65	-18.11	-1375.76	52.73	1063.54	51.24
1163	10.83	2.50	10.41	-615.85	-18.14	-1188.79	43.62	1014.89	52.47
1164	11.86	2.50	10.41	-563.20	-23.06	-1043.96	37.15	934.53	47.85
1165	12.89	2.50	10.41	-472.36	-31.16	-934.83	32.93	822.27	38.11
1166	13.93	2.50	10.41	-352.47	-40.76	-842.43	29.70	672.94	23.30
1167	14.96	2.50	10.41	-228.47	-53.21	-746.11	25.01	487.99	4.43
1168	15.99	2.50	10.41	-93.05	-64.70	-623.21	21.32	263.49	-17.80
1169	0.51	3.10	10.41	-355.60	-121.35	-3204.60	17.46	282.50	-148.91
1170	1.54	3.10	10.41	-389.54	-113.60	-3041.03	47.35	391.35	-140.32
1171	2.56	3.10	10.41	-408.28	-100.99	-2887.56	72.39	502.84	-118.05
1172	3.59	3.10	10.41	-422.07	-84.03	-2730.65	90.56	623.79	-84.93
1173	4.61	3.10	10.41	-441.17	-65.25	-2554.88	100.33	751.56	-45.68
1174	5.64	3.10	10.41	-473.17	-47.24	-2351.34	100.00	874.79	-7.19
1175	6.66	3.10	10.41	-517.05	-31.20	-2118.70	93.98	979.71	26.30
1176	7.69	3.10	10.41	-568.88	-19.64	-1868.70	81.72	1049.69	51.52
1177	8.71	3.10	10.41	-607.63	-11.56	-1619.93	68.48	1078.45	66.34
1178	9.74	3.10	10.41	-629.12	-9.44	-1392.77	56.08	1065.84	71.17
1179	10.76	3.10	10.41	-614.08	-11.54	-1201.80	46.86	1015.16	67.68
1180	11.79	3.10	10.41	-561.92	-17.97	-1053.55	40.82	933.77	57.92
1181	12.81	3.10	10.41	-472.35	-27.28	-941.38	37.41	821.33	42.82
1182	13.84	3.10	10.41	-354.24	-38.13	-846.79	35.05	672.87	22.50
1183	14.86	3.10	10.41	-231.81	-51.75	-749.99	31.08	489.96	-1.80
1184	15.89	3.10	10.41	-97.58	-65.31	-629.13	27.26	268.75	-29.38
1185	0.53	2.50	8.72	-290.45	-86.34	-2836.95	13.40	208.65	-37.60
1186	1.59	2.50	8.72	-340.48	-81.14	-2686.06	30.59	341.08	-36.51
1187	2.65	2.50	8.72	-385.87	-72.42	-2532.86	45.41	467.06	-27.81
1188	3.70	2.50	8.72	-430.63	-61.35	-2373.45	56.55	590.03	-13.40

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
1189	4.76	2.50	8.72	-479.86	-49.84	-2203.49	63.05	708.62	3.97
1190	5.82	2.50	8.72	-535.29	-39.24	-2021.07	65.19	818.02	21.69
1191	6.88	2.50	8.72	-596.53	-31.58	-1829.34	63.24	911.47	37.32
1192	7.94	2.50	8.72	-657.40	-28.20	-1636.25	58.60	983.36	49.16
1193	9.00	2.50	8.72	-711.20	-30.23	-1454.00	52.17	1030.53	56.38
1194	10.05	2.50	8.72	-746.85	-38.10	-1295.88	45.50	1053.32	58.83
1195	11.11	2.50	8.72	-756.21	-52.27	-1174.26	39.56	1053.84	56.89
1196	12.17	2.50	8.72	-728.35	-72.09	-1098.68	35.51	1031.89	50.75
1197	13.23	2.50	8.72	-652.18	-95.97	-1074.48	34.48	980.61	39.73
1198	14.29	2.50	8.72	-514.19	-119.94	-1095.83	37.48	877.23	21.50
1199	15.34	2.50	8.72	-308.09	-133.56	-1102.19	43.14	670.19	-8.52
1200	16.40	2.50	8.72	-180.30	-155.56	-1042.69	37.60	403.13	-41.18
1201	0.53	3.10	8.72	-278.34	-58.59	-2896.76	14.92	206.11	-4.42
1202	1.58	3.10	8.72	-328.73	-54.59	-2744.32	33.74	342.92	-4.50
1203	2.63	3.10	8.72	-375.20	-47.83	-2586.80	49.96	472.36	3.71
1204	3.68	3.10	8.72	-421.71	-39.65	-2421.28	62.01	597.25	17.79
1205	4.73	3.10	8.72	-472.42	-31.30	-2244.49	68.97	716.21	34.69
1206	5.79	3.10	8.72	-529.19	-24.02	-2055.25	71.19	824.76	51.67
1207	6.84	3.10	8.72	-591.08	-19.33	-1857.42	68.80	916.27	65.90
1208	7.89	3.10	8.72	-652.06	-18.27	-1659.36	63.73	985.98	75.35
1209	8.94	3.10	8.72	-705.92	-22.18	-1473.16	57.05	1031.05	79.31
1210	9.99	3.10	8.72	-741.50	-31.26	-1311.83	50.36	1052.08	77.87
1211	11.05	3.10	8.72	-751.19	-46.20	-1187.47	44.69	1051.35	71.59
1212	12.10	3.10	8.72	-724.11	-66.58	-1109.27	41.28	1028.62	60.80
1213	13.15	3.10	8.72	-649.31	-91.11	-1082.31	41.37	977.02	44.82
1214	14.20	3.10	8.72	-513.55	-116.16	-1100.37	46.10	874.04	20.95
1215	15.25	3.10	8.72	-311.34	-131.47	-1103.83	53.91	669.77	-16.13
1216	16.31	3.10	8.72	-186.44	-157.32	-1044.53	47.35	408.65	-55.43
1217	0.54	2.50	7.03	-267.76	-52.32	-2516.14	15.33	130.13	37.57
1218	1.63	2.50	7.03	-324.81	-50.01	-2381.72	25.54	271.71	35.05
1219	2.71	2.50	7.03	-385.09	-46.31	-2237.53	34.71	402.97	36.79
1220	3.80	2.50	7.03	-449.89	-42.21	-2084.99	41.91	525.08	41.65
1221	4.88	2.50	7.03	-520.45	-38.80	-1925.11	46.67	637.60	48.20
1222	5.97	2.50	7.03	-597.43	-37.45	-1760.15	48.74	738.67	54.95
1223	7.05	2.50	7.03	-679.49	-39.43	-1594.57	48.27	826.17	60.59
1224	8.14	2.50	7.03	-764.04	-46.16	-1435.37	45.56	898.75	64.14
1225	9.22	2.50	7.03	-846.56	-59.03	-1291.53	41.09	956.90	65.16
1226	10.31	2.50	7.03	-922.26	-79.52	-1173.42	35.31	1003.12	63.65
1227	11.39	2.50	7.03	-984.75	-108.95	-1092.65	29.00	1041.60	59.83
1228	12.48	2.50	7.03	-1025.93	-148.26	-1063.24	23.50	1077.26	53.85
1229	13.56	2.50	7.03	-1030.95	-197.17	-1105.08	21.25	1113.19	45.14
1230	14.65	2.50	7.03	-966.85	-252.47	-1249.73	26.19	1142.02	31.11
1231	15.73	2.50	7.03	-752.87	-306.86	-1557.81	43.94	1109.89	4.00
1232	16.82	2.50	7.03	-117.43	-271.00	-1673.85	81.16	621.35	-73.70
1233	0.54	3.10	7.03	-259.76	-38.61	-2550.93	18.02	126.83	76.52
1234	1.62	3.10	7.03	-316.48	-36.90	-2416.45	28.89	270.56	72.49
1235	2.70	3.10	7.03	-376.89	-34.25	-2270.77	38.68	403.51	72.85
1236	3.78	3.10	7.03	-441.99	-31.45	-2115.75	46.40	526.64	76.35
1237	4.85	3.10	7.03	-512.90	-29.47	-1952.85	51.53	639.41	81.38
1238	5.93	3.10	7.03	-590.06	-29.46	-1784.82	53.82	740.05	86.22
1239	7.01	3.10	7.03	-672.16	-32.58	-1616.43	53.56	826.67	89.44
1240	8.09	3.10	7.03	-756.65	-40.06	-1454.83	51.03	898.16	90.09
1241	9.17	3.10	7.03	-839.14	-53.17	-1308.95	46.72	955.28	87.74
1242	10.25	3.10	7.03	-915.11	-73.49	-1189.07	41.05	1000.71	82.50
1243	11.33	3.10	7.03	-978.19	-102.56	-1106.59	34.78	1038.71	74.80
1244	12.41	3.10	7.03	-1020.17	-141.80	-1075.33	29.34	1074.18	64.96
1245	13.49	3.10	7.03	-1025.94	-191.45	-1114.86	27.65	1109.96	52.35
1246	14.56	3.10	7.03	-962.58	-248.62	-1256.11	34.75	1138.31	33.72
1247	15.64	3.10	7.03	-750.79	-304.97	-1556.79	58.21	1105.24	-1.09
1248	16.72	3.10	7.03	-125.13	-273.84	-1666.65	101.48	625.12	-94.83
1249	0.56	2.50	5.34	-269.72	-50.99	-2185.20	18.58	57.48	75.05
1250	1.67	2.50	5.34	-327.14	-49.72	-2068.68	24.16	194.04	71.26
1251	2.78	2.50	5.34	-393.24	-48.63	-1940.38	29.45	319.75	69.69
1252	3.89	2.50	5.34	-467.92	-48.37	-1803.44	33.84	434.48	69.77
1253	5.00	2.50	5.34	-551.49	-49.84	-1660.97	36.89	537.76	70.69
1254	6.11	2.50	5.34	-643.96	-54.09	-1516.69	38.31	628.92	71.61
1255	7.23	2.50	5.34	-745.03	-62.42	-1375.41	37.88	707.43	71.77
1256	8.34	2.50	5.34	-853.91	-76.36	-1243.12	35.43	773.49	70.58
1257	9.45	2.50	5.34	-969.92	-97.81	-1126.94	30.77	828.46	67.69
1258	10.56	2.50	5.34	-1092.78	-129.09	-1035.02	23.83	875.24	62.98
1259	11.67	2.50	5.34	-1223.84	-172.90	-976.85	14.90	918.72	56.44
1260	12.78	2.50	5.34	-1367.25	-231.90	-964.69	4.93	966.98	48.05
1261	13.90	2.50	5.34	-1532.60	-308.32	-1017.84	-4.54	1035.07	37.73
1262	15.01	2.50	5.34	-1737.87	-405.56	-1178.78	-12.34	1156.08	25.64
1263	16.12	2.50	5.34	-2004.02	-532.82	-1553.65	-16.89	1404.23	10.86
1264	17.23	2.50	5.34	-2280.94	-798.22	-3084.65	5.36	2016.85	-13.98
1265	0.55	3.10	5.34	-264.81	-45.43	-2206.45	22.41	54.46	115.25
1266	1.66	3.10	5.34	-321.55	-44.36	-2090.51	28.11	191.92	109.97
1267	2.76	3.10	5.34	-387.15	-43.71	-1962.07	33.62	318.42	106.81
1268	3.87	3.10	5.34	-461.47	-44.03	-1824.46	38.29	433.68	105.14
1269	4.98	3.10	5.34	-544.68	-46.07	-1681.02	41.66	537.16	104.10
1270	6.08	3.10	5.34	-636.78	-50.73	-1535.67	43.42	628.22	102.76
1271	7.19	3.10	5.34	-737.51	-59.15	-1393.37	43.35	706.43	100.32
1272	8.29	3.10	5.34	-846.21	-72.73	-1260.14	41.23	772.12	96.17
1273	9.40	3.10	5.34	-962.36	-93.36	-1143.08	36.73	826.78	90.01
1274	10.50	3.10	5.34	-1085.85	-123.54	-1050.18	29.57	873.43	81.80
1275	11.61	3.10	5.34	-1217.94	-166.47	-990.77	19.82	917.00	71.64
1276	12.72	3.10	5.34	-1362.38	-225.67	-976.85	8.59	965.52	59.56
1277	13.82	3.10	5.34	-1528.05	-304.08	-1027.40	-1.62	1033.80	45.13
1278	14.93	3.10	5.34	-1732.68	-404.84	-1184.27	-7.49	1154.57	27.08
1279	16.03	3.10	5.34	-1997.47	-535.47	-1553.81	-5.82	1401.61	1.68
1280	17.14	3.10	5.34	-2277.31	-797.68	-3060.53	35.44	2011.37	-48.20
1281	-14.34	2.50	17.16	30.18	-35.69	31.87	-1.02	78.03	-0.05
1282	-13.41	2.50	17.16	44.76	-39.81	-65.61	-2.62	39.86	-11.49
1283	-12.49	2.50	17.16	-11.16	-58.73	-101.38	-1.84	-40.79	-6.95
1284	-11.56	2.50	17.16	-169.29	-103.59	-133.41	5.87	-156.25	3.79
1285	-10.64	2.50	17.16	-482.57	-184.53	-198.45	25.42	-330.61	19.16
1286	-9.71	2.50	17.16	-1049.28	-318.96	-356.32	64.07	-635.99	41.73
1287	-8.79	2.50	17.16	-2062.68	-547.63	-768.95	132.15	-1259.69	81.41

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
1288	-7.86	2.50	17.16	-3904.39	-970.19	-1874.13	243.15	-2717.33	169.99
1289	-6.94	2.50	17.16	-7534.39	-2467.38	-8810.04	375.70	-7213.09	466.68
1290	-6.01	2.50	17.16	-1818.34	-2313.53	-14058.40	-172.21	-1438.50	-93.94
1291	-5.09	2.50	17.16	-1854.93	-1737.79	-8504.08	89.45	2448.72	-961.90
1292	-4.16	2.50	17.16	-1064.02	-1126.18	-3224.84	36.81	393.93	-1702.88
1293	-3.24	2.50	17.16	-811.67	-1182.74	-2676.14	88.48	59.50	-2118.97
1294	-2.31	2.50	17.16	-718.84	-1186.76	-2437.30	106.31	30.64	-2179.50
1295	-1.39	2.50	17.16	-679.20	-1163.66	-2297.16	111.07	64.40	-2137.74
1296	-0.46	2.50	17.16	-651.63	-1118.21	-2179.36	106.62	109.56	-2055.94
1297	-14.22	3.10	17.16	28.08	-39.88	32.26	-6.80	78.07	-8.00
1298	-13.31	3.10	17.16	40.58	-43.23	-65.93	-14.23	38.85	-19.06
1299	-12.39	3.10	17.16	-17.09	-62.57	-103.03	-17.00	-42.17	-12.31
1300	-11.47	3.10	17.16	-176.67	-108.08	-136.33	-11.08	-158.70	2.09
1301	-10.55	3.10	17.16	-491.34	-190.86	-203.20	9.82	-335.78	22.95
1302	-9.64	3.10	17.16	-1060.56	-329.69	-364.77	55.24	-647.47	54.60
1303	-8.72	3.10	17.16	-2080.02	-565.89	-785.84	140.63	-1285.81	108.79
1304	-7.80	3.10	17.16	-3938.33	-997.64	-1915.45	286.58	-2767.73	227.47
1305	-6.88	3.10	17.16	-7605.70	-2487.28	-8879.28	474.16	-7287.36	609.10
1306	-5.97	3.10	17.16	-1941.78	-2234.81	-13954.40	-196.38	-1518.27	-60.84
1307	-5.05	3.10	17.16	-1928.67	-2157.43	-10017.70	-85.42	834.57	-2048.61
1308	-4.13	3.10	17.16	-1714.88	-2334.99	-7343.36	34.63	95.88	-3958.90
1309	-3.21	3.10	17.16	-1606.03	-2434.28	-6905.23	109.04	86.00	-4244.74
1310	-2.29	3.10	17.16	-1508.65	-2447.73	-6535.82	140.85	133.52	-4208.43
1311	-1.38	3.10	17.16	-1436.76	-2387.31	-6208.56	168.24	196.86	-4070.20
1312	-0.46	3.10	17.16	-1376.78	-2284.70	-5898.44	176.95	261.27	-3895.33
1313	-14.75	2.50	15.47	-54.01	106.45	0.21	12.83	-28.26	-3.97
1314	-13.80	2.50	15.47	-229.29	75.70	-233.27	15.13	-181.46	3.06
1315	-12.85	2.50	15.47	-465.96	42.57	-373.16	27.92	-378.63	17.05
1316	-11.89	2.50	15.47	-768.52	0.35	-512.89	46.42	-655.14	40.96
1317	-10.94	2.50	15.47	-1147.43	-61.17	-741.55	67.20	-1052.37	75.47
1318	-9.99	2.50	15.47	-1594.26	-157.29	-1192.73	84.72	-1634.88	121.64
1319	-9.04	2.50	15.47	-2017.91	-313.56	-2127.86	84.30	-2475.09	178.14
1320	-8.09	2.50	15.47	-2068.12	-584.49	-4189.65	27.85	-3505.14	229.12
1321	-7.14	2.50	15.47	-205.41	-632.06	-6410.17	-184.96	-2916.16	114.70
1322	-6.18	2.50	15.47	-164.32	-883.67	-7668.00	-322.79	-1527.29	-163.14
1323	-5.23	2.50	15.47	-558.27	-1076.21	-7564.42	-565.07	61.34	-713.85
1324	-4.28	2.50	15.47	-1286.66	-1150.66	-6200.58	-420.95	819.89	-1335.53
1325	-3.33	2.50	15.47	-1238.13	-997.30	-4841.94	-228.12	532.11	-1693.09
1326	-2.38	2.50	15.47	-1108.71	-907.47	-4241.71	-65.21	362.19	-1837.76
1327	-1.43	2.50	15.47	-1004.45	-828.25	-3887.62	38.50	297.55	-1846.48
1328	-0.48	2.50	15.47	-936.16	-761.04	-3637.75	90.09	282.95	-1790.90
1329	-14.64	3.10	15.47	-55.62	105.94	-0.41	13.32	-32.54	-17.83
1330	-13.70	3.10	15.47	-232.85	76.65	-235.31	15.47	-186.70	-5.08
1331	-12.75	3.10	15.47	-470.59	43.49	-378.15	31.74	-384.79	15.42
1332	-11.81	3.10	15.47	-774.24	1.93	-521.28	55.78	-662.53	48.65
1333	-10.86	3.10	15.47	-1154.62	-57.49	-754.22	84.43	-1062.15	96.75
1334	-9.92	3.10	15.47	-1604.13	-148.37	-1211.91	111.49	-1649.24	162.74
1335	-8.97	3.10	15.47	-2032.87	-293.40	-2158.77	118.71	-2497.45	246.67
1336	-8.03	3.10	15.47	-2092.62	-545.21	-4233.56	56.42	-3537.40	327.38
1337	-7.08	3.10	15.47	-257.88	-560.84	-6447.56	-196.85	-2971.57	207.12
1338	-6.14	3.10	15.47	-331.00	-785.30	-7831.57	-344.53	-1746.88	-88.73
1339	-5.20	3.10	15.47	-645.57	-645.85	-7891.57	-573.40	-175.78	-445.43
1340	-4.25	3.10	15.47	-1068.53	-322.41	-6713.64	-429.66	450.88	-840.25
1341	-3.31	3.10	15.47	-1069.48	-115.73	-5663.12	-226.54	380.35	-1190.02
1342	-2.36	3.10	15.47	-997.17	-17.02	-5098.80	-63.72	332.07	-1319.43
1343	-1.42	3.10	15.47	-940.89	55.22	-4729.45	43.54	326.49	-1328.05
1344	-0.47	3.10	15.47	-907.01	108.04	-4448.09	83.59	331.52	-1278.26
1345	-15.16	2.50	13.78	-94.95	176.69	-312.35	21.92	-209.16	-12.00
1346	-14.18	2.50	13.78	-279.46	149.51	-540.67	25.06	-461.68	19.75
1347	-13.21	2.50	13.78	-491.45	119.18	-749.90	33.37	-715.71	46.99
1348	-12.23	2.50	13.78	-717.02	84.48	-988.77	44.54	-1015.03	76.71
1349	-11.25	2.50	13.78	-925.15	40.97	-1332.71	52.59	-1380.85	111.55
1350	-10.27	2.50	13.78	-1055.07	-17.09	-1878.05	48.63	-1803.42	149.05
1351	-9.29	2.50	13.78	-997.51	-93.32	-2725.93	19.29	-2196.08	177.87
1352	-8.31	2.50	13.78	-609.75	-156.79	-3736.66	-49.53	-2268.03	165.58
1353	-7.34	2.50	13.78	-422.01	-272.29	-4736.23	-126.36	-2058.81	98.66
1354	-6.36	2.50	13.78	-41.29	-344.07	-5464.04	-226.71	-1508.91	-43.25
1355	-5.38	2.50	13.78	7.10	-392.18	-5692.15	-248.27	-738.01	-213.08
1356	-4.40	2.50	13.78	-193.20	-405.32	-5384.48	-269.23	-72.54	-391.25
1357	-3.42	2.50	13.78	-519.33	-429.02	-4788.11	-213.10	288.91	-580.99
1358	-2.45	2.50	13.78	-663.63	-413.40	-4197.92	-125.90	354.26	-709.76
1359	-1.47	2.50	13.78	-716.64	-390.41	-3781.66	-43.48	352.40	-765.17
1360	-0.49	2.50	13.78	-730.54	-365.19	-3484.84	16.12	339.50	-768.12
1361	-15.06	3.10	13.78	-96.07	176.89	-318.30	25.51	-216.66	-27.44
1362	-14.09	3.10	13.78	-280.69	151.02	-546.78	30.54	-468.71	14.62
1363	-13.11	3.10	13.78	-491.97	121.18	-758.27	42.79	-722.79	51.37
1364	-12.14	3.10	13.78	-716.46	87.52	-1000.31	58.78	-1021.71	91.95
1365	-11.17	3.10	13.78	-923.79	46.27	-1347.54	71.87	-1386.65	140.24
1366	-10.20	3.10	13.78	-1054.41	-6.93	-1895.52	71.46	-1808.21	194.24
1367	-9.23	3.10	13.78	-1001.46	-73.88	-2743.66	41.16	-2200.96	241.21
1368	-8.26	3.10	13.78	-627.31	-121.61	-3752.74	-36.04	-2281.30	242.92
1369	-7.29	3.10	13.78	-463.77	-219.13	-4772.70	-121.28	-2106.07	184.63
1370	-6.31	3.10	13.78	-63.60	-262.36	-5538.94	-231.22	-1580.77	44.32
1371	-5.34	3.10	13.78	-11.10	-353.64	-5825.08	-252.87	-832.54	-162.20
1372	-4.37	3.10	13.78	-235.35	-418.64	-5594.31	-279.39	-169.77	-377.95
1373	-3.40	3.10	13.78	-506.95	-421.27	-5075.96	-227.21	182.42	-575.28
1374	-2.43	3.10	13.78	-646.74	-395.54	-4563.69	-132.70	299.45	-713.26
1375	-1.46	3.10	13.78	-712.23	-360.34	-4159.22	-44.10	342.06	-762.52
1376	-0.49	3.10	13.78	-739.52	-327.04	-3845.50	16.72	351.16	-756.63
1377	-15.58	2.50	12.09	-125.71	174.03	-790.04	22.14	-358.08	-16.17
1378	-14.57	2.50	12.09	-276.35	157.82	-928.88	28.51	-636.60	24.36
1379	-13.57	2.50	12.09	-418.95	138.72	-1115.64	33.57	-896.48	59.12
1380	-12.56	2.50	12.09	-544.67	116.68	-1358.15	37.48	-1156.13	90.97
1381	-11.56	2.50	12.09	-628.82	90.51	-1684.73	37.09	-1417.75	121.17
1382	-10.55	2.50	12.09	-637.62	59.03	-2124.18	27.58	-1655.09	147.23
1383	-9.55	2.50	12.09	-547.05	23.41	-2666.09	4.54	-1806.41	161.71
1384	-8.54	2.50	12.09	-412.22	-24.95	-3277.11	-30.39	-1837.21	157.09
1385	-7.54	2.50	12.09	-188.21	-71.65	-3864.77	-78.39	-1683.91	122.33
1386	-6.53	2.50	12.09	-53.47	-132.31	-4317.60	-119.01	-1357.10	55.44

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
1387	-5.53	2.50	12.09	12.35	-197.53	-4546.59	-154.73	-938.26	-44.05
1388	-4.52	2.50	12.09	-39.21	-259.52	-4539.46	-156.49	-506.63	-157.51
1389	-3.52	2.50	12.09	-161.94	-296.09	-4334.35	-139.73	-152.37	-257.37
1390	-2.51	2.50	12.09	-317.08	-317.94	-4028.58	-102.30	84.20	-337.07
1391	-1.51	2.50	12.09	-431.22	-323.00	-3713.83	-56.24	211.01	-387.17
1392	-0.50	2.50	12.09	-501.36	-318.42	-3448.91	-10.76	281.31	-407.74
1393	-15.47	3.10	12.09	-126.88	174.35	-801.08	26.35	-366.66	-30.09
1394	-14.47	3.10	12.09	-276.35	158.53	-939.33	35.71	-642.97	21.48
1395	-13.48	3.10	12.09	-417.55	139.83	-1126.53	44.05	-901.53	66.69
1396	-12.48	3.10	12.09	-541.77	118.74	-1370.15	50.96	-1159.64	109.13
1397	-11.48	3.10	12.09	-625.08	94.33	-1697.55	52.88	-1419.30	150.56
1398	-10.48	3.10	12.09	-634.92	65.99	-2136.51	44.01	-1654.95	188.26
1399	-9.48	3.10	12.09	-548.77	35.45	-2676.65	19.05	-1807.11	213.60
1400	-8.49	3.10	12.09	-421.19	-5.87	-3288.07	-20.19	-1844.65	218.01
1401	-7.49	3.10	12.09	-200.10	-41.78	-3880.26	-76.02	-1701.84	188.48
1402	-6.49	3.10	12.09	-71.47	-93.01	-4349.67	-126.65	-1392.71	119.53
1403	-5.49	3.10	12.09	0.75	-134.56	-4612.78	-173.21	-992.05	14.13
1404	-4.49	3.10	12.09	-31.12	-173.15	-4647.77	-175.41	-564.72	-109.12
1405	-3.49	3.10	12.09	-149.56	-201.11	-4479.09	-154.63	-201.12	-218.30
1406	-2.50	3.10	12.09	-294.03	-213.35	-4198.58	-114.35	45.19	-302.99
1407	-1.50	3.10	12.09	-406.62	-217.37	-3903.65	-64.75	188.97	-360.15
1408	-0.50	3.10	12.09	-479.43	-216.10	-3645.49	-14.82	276.02	-386.72
1409	-15.99	2.50	10.41	-149.02	128.92	-1280.60	17.28	-473.00	-13.88
1410	-14.96	2.50	10.41	-267.22	120.19	-1325.18	25.87	-726.82	24.20
1411	-13.93	2.50	10.41	-362.09	110.59	-1439.28	30.93	-960.79	59.05
1412	-12.89	2.50	10.41	-430.24	99.58	-1617.22	32.89	-1173.83	90.24
1413	-11.86	2.50	10.41	-462.03	86.56	-1860.32	30.84	-1360.09	117.37
1414	-10.83	2.50	10.41	-447.84	70.88	-2167.75	23.23	-1504.09	138.86
1415	-9.80	2.50	10.41	-388.56	50.90	-2530.79	9.04	-1585.86	151.91
1416	-8.77	2.50	10.41	-282.98	27.71	-2920.10	-12.21	-1577.31	152.25
1417	-7.74	2.50	10.41	-173.66	-1.93	-3292.41	-36.72	-1467.96	136.79
1418	-6.71	2.50	10.41	-70.12	-33.97	-3596.89	-62.28	-1263.57	103.77
1419	-5.67	2.50	10.41	-16.56	-67.47	-3792.62	-79.98	-987.38	56.30
1420	-4.64	2.50	10.41	-16.81	-99.29	-3857.11	-88.34	-684.81	0.04
1421	-3.61	2.50	10.41	-70.46	-129.14	-3801.87	-82.25	-397.30	-57.62
1422	-2.58	2.50	10.41	-152.64	-150.72	-3658.93	-65.67	-155.70	-107.12
1423	-1.55	2.50	10.41	-242.49	-163.94	-3472.08	-41.14	31.10	-144.06
1424	-0.52	2.50	10.41	-317.79	-168.13	-3277.77	-12.56	170.56	-165.60
1425	-15.89	3.10	10.41	-150.49	129.42	-1294.00	20.66	-481.36	-24.55
1426	-14.86	3.10	10.41	-266.98	120.35	-1338.29	32.64	-732.02	23.01
1427	-13.84	3.10	10.41	-360.42	110.75	-1451.96	40.60	-963.67	67.41
1428	-12.81	3.10	10.41	-427.38	100.25	-1629.56	44.74	-1174.66	108.07
1429	-11.79	3.10	10.41	-458.67	88.28	-1872.07	44.04	-1359.13	144.55
1430	-10.76	3.10	10.41	-445.25	74.43	-2178.38	36.62	-1502.09	174.96
1431	-9.74	3.10	10.41	-388.14	57.25	-2540.26	21.17	-1584.55	196.01
1432	-8.71	3.10	10.41	-285.34	38.16	-2929.34	-3.08	-1579.01	202.42
1433	-7.69	3.10	10.41	-179.56	13.32	-3304.84	-31.73	-1475.94	190.14
1434	-6.66	3.10	10.41	-76.16	-11.88	-3617.23	-61.58	-1279.29	157.63
1435	-5.64	3.10	10.41	-20.62	-40.24	-3825.32	-82.53	-1009.84	108.08
1436	-4.61	3.10	10.41	-17.82	-67.43	-3906.91	-94.88	-712.90	47.12
1437	-3.59	3.10	10.41	-64.39	-92.04	-3871.48	-90.67	-426.24	-17.71
1438	-2.56	3.10	10.41	-142.48	-110.93	-3746.20	-73.20	-179.88	-74.55
1439	-1.54	3.10	10.41	-228.41	-121.34	-3571.24	-46.45	13.89	-116.53
1440	-0.51	3.10	10.41	-301.86	-124.21	-3383.47	-14.91	162.20	-141.42
1441	-16.40	2.50	8.72	-168.23	63.67	-1716.74	9.94	-564.33	-6.79
1442	-15.34	2.50	8.72	-263.88	58.13	-1685.32	19.33	-779.27	25.21
1443	-14.29	2.50	8.72	-335.19	53.76	-1718.60	25.63	-977.27	56.28
1444	-13.23	2.50	8.72	-379.97	49.68	-1811.24	28.76	-1149.90	84.80
1445	-12.17	2.50	8.72	-395.22	45.16	-1958.37	28.48	-1289.37	109.55
1446	-11.11	2.50	8.72	-379.17	39.41	-2153.66	24.39	-1386.76	129.29
1447	-10.05	2.50	8.72	-332.37	31.92	-2385.25	16.21	-1430.75	142.44
1448	-9.00	2.50	8.72	-264.90	21.66	-2634.70	4.54	-1412.38	147.33
1449	-7.94	2.50	8.72	-186.17	8.89	-2876.55	-9.59	-1326.47	142.50
1450	-6.88	2.50	8.72	-117.02	-6.84	-3083.05	-23.39	-1176.83	127.72
1451	-5.82	2.50	8.72	-69.11	-24.53	-3229.58	-34.82	-977.94	104.02
1452	-4.76	2.50	8.72	-54.19	-42.91	-3302.45	-40.95	-750.31	74.10
1453	-3.70	2.50	8.72	-71.43	-59.58	-3300.11	-40.77	-517.56	41.87
1454	-2.65	2.50	8.72	-114.92	-73.50	-3233.95	-33.55	-298.59	11.40
1455	-1.59	2.50	8.72	-172.49	-82.82	-3122.28	-20.78	-104.57	-13.29
1456	-0.53	2.50	8.72	-233.64	-87.09	-2984.93	-4.40	62.86	-29.93
1457	-16.31	3.10	8.72	-170.11	64.54	-1730.07	11.81	-571.79	-13.44
1458	-15.25	3.10	8.72	-263.93	58.33	-1699.10	24.51	-783.40	26.08
1459	-14.20	3.10	8.72	-333.84	53.65	-1732.18	33.49	-978.69	65.19
1460	-13.15	3.10	8.72	-377.61	49.58	-1824.25	38.66	-1149.12	101.79
1461	-12.10	3.10	8.72	-392.42	45.46	-1970.48	39.69	-1286.96	134.44
1462	-11.05	3.10	8.72	-376.67	40.59	-2164.59	36.06	-1383.48	161.60
1463	-9.99	3.10	8.72	-330.89	34.61	-2394.95	27.37	-1427.67	181.32
1464	-8.94	3.10	8.72	-265.02	26.52	-2643.79	14.26	-1410.98	191.56
1465	-7.89	3.10	8.72	-187.50	16.83	-2886.40	-2.11	-1328.11	190.56
1466	-6.84	3.10	8.72	-119.10	4.49	-3095.90	-18.69	-1182.57	177.61
1467	-5.79	3.10	8.72	-70.62	-9.10	-3248.27	-33.06	-988.14	153.61
1468	-4.73	3.10	8.72	-53.42	-23.26	-3329.28	-41.20	-763.77	121.81
1469	-3.68	3.10	8.72	-67.84	-36.33	-3336.32	-42.32	-532.63	86.84
1470	-2.63	3.10	8.72	-107.77	-47.29	-3279.57	-35.51	-313.01	53.01
1471	-1.58	3.10	8.72	-162.73	-55.13	-3175.70	-22.12	-116.01	24.81
1472	-0.53	3.10	8.72	-222.15	-58.93	-3043.15	-4.46	55.64	5.27
1473	-16.82	2.50	7.03	-185.81	-11.36	-2089.55	1.57	-642.56	3.01
1474	-15.73	2.50	7.03	-269.53	-16.49	-1998.60	11.03	-823.96	29.67
1475	-14.65	2.50	7.03	-333.07	-18.67	-1956.95	18.82	-988.15	56.31
1476	-13.56	2.50	7.03	-372.55	-18.90	-1965.22	24.18	-1125.86	81.18
1477	-12.48	2.50	7.03	-386.11	-18.01	-2021.09	26.74	-1230.38	103.00
1478	-11.39	2.50	7.03	-373.89	-16.78	-2118.77	26.29	-1295.99	120.76
1479	-10.31	2.50	7.03	-339.27	-16.06	-2248.62	22.86	-1317.82	133.57
1480	-9.22	2.50	7.03	-287.94	-16.42	-2396.85	16.84	-1292.04	140.63
1481	-8.14	2.50	7.03	-229.75	-18.48	-2546.59	9.15	-1217.82	141.42
1482	-7.05	2.50	7.03	-174.29	-22.26	-2679.89	0.94	-1098.53	135.84
1483	-5.97	2.50	7.03	-132.09	-27.63	-2780.87	-6.17	-942.14	124.51
1484	-4.88	2.50	7.03	-109.41	-33.96	-2838.35	-10.86	-760.71	108.86
1485	-3.80	2.50	7.03	-109.32	-40.53	-2848.11	-12.06	-567.67	90.91



Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
1486	-2.71	2.50	7.03	-129.92	-46.28	-2812.56	-9.52	-375.41	72.94
1487	-1.63	2.50	7.03	-166.80	-50.50	-2739.16	-3.45	-192.72	57.05
1488	-0.54	2.50	7.03	-214.26	-52.57	-2637.40	5.24	-24.07	44.94
1489	-16.72	3.10	7.03	-188.13	-9.99	-2101.37	1.60	-648.79	0.46
1490	-15.64	3.10	7.03	-269.98	-15.83	-2011.71	14.09	-827.04	33.16
1491	-14.56	3.10	7.03	-332.07	-18.51	-1970.62	24.42	-988.60	66.46
1492	-13.49	3.10	7.03	-370.54	-19.14	-1978.83	31.92	-1124.23	98.10
1493	-12.41	3.10	7.03	-383.63	-18.40	-2034.10	36.06	-1227.29	126.55
1494	-11.33	3.10	7.03	-371.49	-17.01	-2130.72	36.52	-1292.12	150.52
1495	-10.25	3.10	7.03	-337.47	-15.74	-2259.35	33.30	-1313.95	168.90
1496	-9.17	3.10	7.03	-287.01	-15.13	-2406.55	26.77	-1289.03	180.65
1497	-8.09	3.10	7.03	-229.77	-15.82	-2555.97	17.97	-1216.54	185.01
1498	-7.01	3.10	7.03	-174.84	-17.82	-2690.08	8.25	-1099.64	181.80
1499	-5.93	3.10	7.03	-132.50	-21.20	-2793.28	-0.48	-945.84	171.65
1500	-4.85	3.10	7.03	-109.00	-25.51	-2854.39	-6.76	-766.74	155.99
1501	-3.78	3.10	7.03	-107.36	-30.17	-2868.76	-9.19	-575.18	137.02
1502	-2.70	3.10	7.03	-126.15	-34.34	-2838.08	-7.38	-383.31	117.44
1503	-1.62	3.10	7.03	-161.16	-37.36	-2769.06	-1.55	-199.89	99.67
1504	-0.54	3.10	7.03	-207.15	-38.84	-2670.55	7.38	-29.54	85.64
1505	-17.23	2.50	5.34	-207.64	-94.64	-2417.32	-6.84	-718.22	14.50
1506	-16.12	2.50	5.34	-289.79	-100.25	-2272.14	2.92	-878.55	38.27
1507	-15.01	2.50	5.34	-355.74	-100.93	-2158.01	12.58	-1014.11	61.23
1508	-13.90	2.50	5.34	-398.80	-98.07	-2085.17	20.58	-1119.11	82.08
1509	-12.78	2.50	5.34	-415.74	-92.55	-2056.86	26.10	-1190.67	100.00
1510	-11.67	2.50	5.34	-407.66	-85.49	-2070.44	28.80	-1227.62	114.55
1511	-10.56	2.50	5.34	-378.61	-77.90	-2118.21	28.74	-1229.09	125.41
1512	-9.45	2.50	5.34	-335.04	-70.70	-2188.96	26.33	-1194.58	132.30
1513	-8.34	2.50	5.34	-284.39	-64.51	-2269.49	22.23	-1124.71	135.05
1514	-7.23	2.50	5.34	-234.81	-59.73	-2346.30	17.33	-1022.09	133.69
1515	-6.11	2.50	5.34	-193.39	-56.45	-2407.24	12.58	-891.80	128.61
1516	-5.00	2.50	5.34	-165.84	-54.52	-2443.11	8.88	-741.00	120.53
1517	-3.89	2.50	5.34	-155.17	-53.55	-2448.59	6.93	-578.05	110.53
1518	-2.78	2.50	5.34	-162.06	-53.11	-2422.45	7.11	-411.06	99.86
1519	-1.67	2.50	5.34	-185.06	-52.70	-2366.87	9.38	-246.77	89.78
1520	-0.56	2.50	5.34	-221.77	-52.04	-2286.13	13.41	-89.76	81.29
1521	-17.14	3.10	5.34	-210.25	-92.68	-2426.89	-8.80	-722.94	15.88
1522	-16.03	3.10	5.34	-290.49	-99.00	-2284.03	3.80	-880.52	44.99
1523	-14.93	3.10	5.34	-354.92	-100.34	-2171.42	16.02	-1013.84	73.67
1524	-13.82	3.10	5.34	-396.92	-98.21	-2099.26	26.41	-1117.18	100.16
1525	-12.72	3.10	5.34	-413.39	-93.30	-2070.80	33.88	-1187.63	123.48
1526	-11.61	3.10	5.34	-405.38	-86.63	-2083.57	37.95	-1223.97	143.04
1527	-10.50	3.10	5.34	-376.81	-79.16	-2130.15	38.61	-1225.35	158.40
1528	-9.40	3.10	5.34	-333.95	-71.77	-2199.66	36.30	-1191.30	169.17
1529	-8.29	3.10	5.34	-284.04	-65.06	-2279.25	31.78	-1122.41	175.07
1530	-7.19	3.10	5.34	-235.00	-59.50	-2355.72	26.06	-1021.18	176.04
1531	-6.08	3.10	5.34	-193.76	-55.23	-2417.13	20.24	-892.51	172.43
1532	-4.98	3.10	5.34	-165.90	-52.19	-2454.31	15.43	-743.27	165.03
1533	-3.87	3.10	5.34	-154.50	-50.13	-2461.78	12.44	-581.56	155.00
1534	-2.76	3.10	5.34	-160.33	-48.73	-2438.03	11.81	-415.26	143.73
1535	-1.66	3.10	5.34	-182.16	-47.63	-2384.81	13.54	-251.05	132.64
1536	-0.55	3.10	5.34	-217.76	-46.56	-2306.05	17.29	-93.59	122.89
1537	0.45	3.95	17.16	-1389.85	-660.67	-7517.04	8.11	400.95	-385.65
1538	1.36	3.95	17.16	-1257.51	-693.28	-7029.59	-25.81	441.02	-406.20
1539	2.26	3.95	17.16	-1164.23	-718.40	-6595.70	38.92	545.49	-399.99
1540	3.16	3.96	17.16	-1164.74	-674.75	-6314.09	94.50	644.37	-334.74
1541	4.07	3.96	17.16	-1148.90	-660.29	-6104.16	82.85	694.79	-240.96
1542	4.97	3.96	17.16	-1044.16	-782.85	-5971.78	76.17	812.70	-147.83
1543	5.87	3.96	17.16	-1066.99	-1007.83	-6477.79	63.25	1308.01	-19.60
1544	6.78	3.96	17.16	-3494.47	-1165.97	-4000.97	-343.29	3430.28	326.48
1545	7.68	3.96	17.16	-1726.55	-518.81	-921.53	-213.81	1343.89	130.86
1546	8.59	3.97	17.16	-832.84	-321.72	-383.31	-114.95	615.94	66.02
1547	9.49	3.97	17.16	-354.81	-216.86	-185.27	-55.93	299.64	29.60
1548	10.39	3.97	17.16	-100.61	-159.85	-107.68	-22.03	141.61	9.24
1549	11.30	3.97	17.16	26.17	-130.14	-73.78	-4.08	49.52	-2.54
1550	12.20	3.97	17.16	74.31	-117.94	-53.20	4.49	-11.50	-7.76
1551	13.11	3.97	17.16	70.35	-116.04	-25.68	8.75	-51.92	-3.71
1552	14.01	3.97	17.16	31.12	-115.40	38.64	12.87	-67.05	21.82
1553	0.44	5.05	17.16	-967.02	-886.86	-4404.97	-77.35	86.24	1742.66
1554	1.32	5.06	17.16	-1086.50	-933.65	-5502.33	-93.12	-683.40	694.99
1555	2.20	5.06	17.16	-938.79	-929.94	-6317.66	-20.28	533.30	-79.19
1556	3.08	5.06	17.16	-1239.13	-848.62	-5005.81	-30.51	1381.07	591.72
1557	3.97	5.07	17.16	-855.44	-705.56	-3802.21	-142.83	683.12	1250.56
1558	4.85	5.07	17.16	-768.68	-876.50	-5222.19	-93.60	-37.22	594.99
1559	5.73	5.07	17.16	-1121.03	-1065.82	-7091.19	29.37	1386.31	144.92
1560	6.61	5.08	17.16	-3629.42	-1249.13	-4298.96	-560.90	3742.32	625.20
1561	7.49	5.08	17.16	-1717.17	-566.66	-934.46	-291.36	1365.73	295.51
1562	8.37	5.09	17.16	-820.98	-352.27	-395.24	-131.29	623.56	125.30
1563	9.25	5.09	17.16	-352.85	-240.28	-193.89	-44.33	303.92	51.50
1564	10.13	5.09	17.16	-104.66	-177.14	-113.48	-0.51	143.62	15.36
1565	11.01	5.10	17.16	19.49	-143.01	-77.26	19.30	50.23	-3.94
1566	11.90	5.10	17.16	67.39	-127.10	-54.61	25.79	-11.37	-12.73
1567	12.78	5.11	17.16	64.76	-121.52	-25.12	25.84	-52.54	-9.29
1568	13.66	5.11	17.16	27.33	-117.00	40.11	24.67	-70.64	19.13
1569	0.43	6.15	17.16	-478.02	-250.78	-1613.52	-4.71	-319.96	142.23
1570	1.28	6.16	17.16	-1001.74	-809.83	-4649.27	-5.96	-2020.80	-110.86
1571	2.13	6.16	17.16	-823.75	-1139.82	-6847.07	-16.21	495.52	-108.36
1572	2.99	6.16	17.16	-1321.38	-789.89	-4275.99	-2.56	2095.56	1.23
1573	3.84	6.17	17.16	-623.22	-608.38	-3340.21	52.95	-87.42	-899.42
1574	4.69	6.17	17.16	-791.05	-1024.58	-6006.74	225.89	61.15	-770.58
1575	5.54	6.18	17.16	-2361.86	-1681.83	-6048.83	-559.89	2451.44	1418.74
1576	6.40	6.18	17.16	-2646.45	-1456.86	-2941.23	-956.29	2579.29	1697.15
1577	7.25	6.18	17.16	-1430.29	-638.08	-884.69	-407.29	1185.22	483.07
1578	8.10	6.19	17.16	-729.12	-390.79	-384.43	-147.69	580.37	191.55
1579	8.96	6.19	17.16	-327.59	-262.79	-198.18	-30.71	293.30	76.84
1580	9.81	6.20	17.16	-104.52	-192.87	-118.62	22.93	140.61	23.48
1581	10.66	6.20	17.16	10.50	-154.73	-80.80	44.25	49.13	-4.15
1582	11.51	6.20	17.16	56.35	-135.70	-55.88	48.56	-11.84	-16.82
1583	12.37	6.21	17.16	55.14	-126.79	-23.97	44.46	-53.30	-14.12
1584	13.22	6.21	17.16	20.59	-119.06	41.94	37.57	-74.85	16.38

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
1585	0.41	7.25	17.16	-559.82	-194.83	-1763.92	8.91	-487.67	-103.28
1586	1.23	7.25	17.16	-1127.31	-866.70	-5093.37	-22.28	-2375.18	-265.52
1587	2.05	7.25	17.16	-862.88	-1216.43	-7346.17	16.38	422.19	-173.68
1588	2.87	7.26	17.16	-1266.80	-893.99	-4850.44	38.16	1955.12	-69.13
1589	3.69	7.26	17.16	-756.40	-844.00	-5403.31	35.56	-685.46	-398.06
1590	4.51	7.26	17.16	-1154.76	-1187.67	-7909.09	160.76	1170.91	84.57
1591	5.33	7.26	17.16	-3582.02	-1506.51	-4799.40	-610.91	3817.49	744.91
1592	6.14	7.26	17.16	-1673.10	-814.77	-1311.16	-318.64	1413.31	466.25
1593	6.96	7.27	17.16	-1050.65	-652.33	-725.87	-255.41	874.40	443.24
1594	7.78	7.27	17.16	-588.44	-407.50	-355.55	-98.10	491.74	213.01
1595	8.60	7.27	17.16	-284.58	-277.28	-196.92	3.43	265.24	93.37
1596	9.42	7.27	17.16	-100.90	-203.59	-122.81	53.49	130.94	30.14
1597	10.24	7.27	17.16	-1.08	-163.25	-84.38	72.27	45.35	-4.13
1598	11.06	7.27	17.16	40.68	-142.40	-57.07	73.12	-13.47	-20.30
1599	11.88	7.28	17.16	40.98	-131.35	-22.36	64.62	-54.64	-18.35
1600	12.70	7.28	17.16	10.79	-120.59	44.64	52.20	-79.17	13.87
1601	0.47	3.95	15.47	-966.46	116.14	-4717.57	32.60	338.22	-669.69
1602	1.40	3.95	15.47	-873.65	14.72	-4591.20	15.49	324.54	-734.82
1603	2.33	3.95	15.47	-808.40	-77.04	-4471.16	105.73	420.08	-754.02
1604	3.26	3.96	15.47	-801.76	-88.19	-4292.49	195.21	502.52	-620.80
1605	4.19	3.96	15.47	-758.08	-129.43	-4216.74	215.62	523.96	-422.63
1606	5.12	3.96	15.47	-629.40	-281.59	-4332.05	214.66	695.91	-235.09
1607	6.05	3.96	15.47	-535.54	-352.46	-3999.64	176.93	1296.33	-40.04
1608	6.98	3.96	15.47	-434.01	-248.48	-3139.93	139.43	1656.92	102.02
1609	7.91	3.96	15.47	-1153.80	-258.00	-2043.76	-11.29	1768.71	177.57
1610	8.84	3.96	15.47	-1058.91	-166.98	-1074.07	-49.18	1231.01	131.81
1611	9.78	3.97	15.47	-815.31	-113.87	-622.97	-44.43	800.95	83.32
1612	10.71	3.97	15.47	-576.11	-81.25	-400.10	-27.66	501.34	46.91
1613	11.64	3.97	15.47	-377.56	-61.22	-278.85	-10.17	293.97	23.65
1614	12.57	3.97	15.47	-221.18	-48.61	-191.61	4.05	147.70	12.94
1615	13.50	3.97	15.47	-101.46	-39.95	-90.18	12.36	43.38	15.05
1616	14.43	3.97	15.47	-16.67	-33.72	76.17	8.47	-33.82	27.94
1617	0.45	5.05	15.47	-1230.04	-286.61	-4789.71	-73.47	212.86	80.81
1618	1.36	5.06	15.47	-871.01	-321.66	-4831.28	-159.93	204.74	-47.12
1619	2.27	5.06	15.47	-667.98	-348.14	-4784.88	19.70	403.59	-116.24
1620	3.18	5.06	15.47	-768.41	-381.88	-4635.32	174.57	604.96	-120.33
1621	4.09	5.07	15.47	-954.22	-502.09	-4591.00	132.44	644.23	-121.10
1622	5.00	5.07	15.47	-731.88	-484.40	-4505.76	113.45	880.99	12.20
1623	5.91	5.07	15.47	-524.51	-291.40	-3951.20	129.57	1376.35	253.25
1624	6.82	5.08	15.47	-432.37	-159.28	-3111.30	83.17	1657.73	345.43
1625	7.73	5.08	15.47	-1172.91	-238.68	-2062.92	-92.05	1779.09	344.76
1626	8.64	5.08	15.47	-1063.06	-166.80	-1096.47	-107.07	1235.07	227.19
1627	9.54	5.09	15.47	-820.45	-117.60	-643.58	-77.58	807.44	132.85
1628	10.45	5.09	15.47	-584.50	-84.29	-415.02	-43.40	508.50	70.24
1629	11.36	5.10	15.47	-387.82	-62.19	-287.69	-14.75	300.84	31.80
1630	12.27	5.10	15.47	-231.65	-47.38	-194.99	6.17	153.83	12.48
1631	13.18	5.10	15.47	-110.37	-37.28	-89.61	17.66	47.98	10.01
1632	14.09	5.11	15.47	-21.27	-32.05	77.37	14.32	-31.89	20.34
1633	0.44	6.15	15.47	-1491.69	-808.79	-4381.62	-54.87	32.43	194.81
1634	1.32	6.16	15.47	-804.21	-645.76	-4609.07	-98.76	17.21	45.99
1635	2.20	6.16	15.47	-453.77	-519.66	-4692.57	8.98	285.54	-79.33
1636	3.09	6.16	15.47	-725.64	-635.72	-4781.04	49.33	544.09	-117.18
1637	3.97	6.17	15.47	-1010.03	-713.52	-4737.54	66.07	784.74	1.67
1638	4.85	6.17	15.47	-639.46	-509.91	-4407.35	233.47	1033.75	195.29
1639	5.73	6.18	15.47	-394.24	-246.08	-3875.44	362.97	1429.60	332.29
1640	6.61	6.18	15.47	-760.76	-255.97	-2998.43	54.23	1786.15	513.62
1641	7.49	6.18	15.47	-1122.95	-293.60	-1901.95	-178.44	1647.18	524.21
1642	8.37	6.19	15.47	-1017.08	-201.81	-1081.34	-163.79	1179.85	323.99
1643	9.26	6.19	15.47	-798.44	-137.63	-653.96	-111.02	788.41	186.43
1644	10.14	6.19	15.47	-579.94	-94.99	-428.20	-60.82	505.12	97.88
1645	11.02	6.20	15.47	-392.92	-66.77	-296.64	-21.43	303.85	43.80
1646	11.90	6.20	15.47	-241.01	-47.84	-198.27	6.35	159.21	15.13
1647	12.78	6.21	15.47	-120.24	-35.32	-88.35	21.77	53.22	7.09
1648	13.66	6.21	15.47	-27.56	-30.73	78.74	19.82	-28.81	13.35
1649	0.42	7.25	15.47	-1555.92	-766.96	-4336.41	1.43	-46.39	-175.81
1650	1.27	7.25	15.47	-780.66	-623.49	-4686.40	32.57	-98.53	-176.17
1651	2.12	7.25	15.47	-412.00	-530.20	-4953.93	62.71	163.62	-185.03
1652	2.97	7.26	15.47	-717.77	-608.32	-5263.08	59.58	465.16	-225.11
1653	3.82	7.26	15.47	-859.04	-505.86	-5071.35	187.34	987.61	-110.35
1654	4.67	7.26	15.47	-484.04	-310.30	-4434.29	263.76	1258.91	158.95
1655	5.52	7.26	15.47	-359.19	-313.48	-3843.59	284.38	1576.07	520.91
1656	6.37	7.26	15.47	-1147.09	-472.49	-2822.64	-61.88	1926.94	713.49
1657	7.21	7.26	15.47	-1098.87	-329.06	-1670.66	-163.92	1490.47	549.84
1658	8.06	7.27	15.47	-956.91	-239.90	-1028.53	-172.71	1086.18	377.42
1659	8.91	7.27	15.47	-760.37	-163.32	-652.98	-125.55	747.07	227.34
1660	9.76	7.27	15.47	-564.75	-109.98	-438.60	-71.67	490.57	123.74
1661	10.61	7.27	15.47	-392.66	-73.86	-305.37	-26.71	301.97	57.52
1662	11.46	7.27	15.47	-248.62	-49.78	-201.50	5.87	162.97	20.14
1663	12.31	7.27	15.47	-130.28	-34.83	-86.69	24.83	58.71	5.86
1664	13.16	7.28	15.47	-34.77	-29.54	80.67	25.68	-24.17	7.03
1665	0.48	3.95	13.78	-739.31	-166.08	-4030.83	44.05	369.08	-574.32
1666	1.44	3.95	13.78	-699.04	-154.11	-3863.86	84.12	385.56	-543.21
1667	2.40	3.95	13.78	-643.48	-153.88	-3747.64	131.49	433.38	-491.56
1668	3.35	3.96	13.78	-581.51	-178.32	-3667.31	184.35	517.15	-415.23
1669	4.31	3.96	13.78	-499.58	-195.94	-3589.03	227.32	668.94	-299.72
1670	5.27	3.96	13.78	-417.20	-159.19	-3384.75	231.77	922.91	-149.44
1671	6.23	3.96	13.78	-433.31	-110.10	-2999.52	192.94	1164.98	-8.74
1672	7.19	3.96	13.78	-592.12	-100.31	-2484.67	119.56	1300.27	78.82
1673	8.15	3.96	13.78	-616.22	-67.00	-1923.79	73.30	1285.87	111.99
1674	9.10	3.96	13.78	-720.70	-54.82	-1413.34	27.96	1179.48	116.09
1675	10.06	3.97	13.78	-686.04	-34.34	-997.87	8.35	953.02	94.74
1676	11.02	3.97	13.78	-573.36	-19.08	-724.68	5.50	723.37	69.22
1677	11.98	3.97	13.78	-430.66	-9.01	-540.52	9.80	524.24	47.75
1678	12.94	3.97	13.78	-285.42	-2.87	-393.11	14.42	357.04	32.24
1679	13.89	3.97	13.78	-153.93	-0.12	-239.21	14.47	211.22	20.65
1680	14.85	3.97	13.78	-44.07	0.12	-46.58	6.99	66.85	6.67
1681	0.47	5.05	13.78	-719.40	-108.57	-4411.12	34.13	399.53	-319.47
1682	1.41	5.06	13.78	-689.01	-94.98	-4212.66	81.48	419.83	-293.11
1683	2.34	5.06	13.78	-633.46	-97.63	-4087.81	100.03	474.99	-266.74

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
1684	3.28	5.06	13.78	-551.84	-111.00	-3998.48	134.18	582.78	-230.21
1685	4.22	5.07	13.78	-445.68	-87.87	-3846.55	205.39	796.44	-131.21
1686	5.15	5.07	13.78	-427.12	-67.25	-3536.82	229.01	1058.24	13.58
1687	6.09	5.07	13.78	-494.54	-82.30	-3072.68	173.10	1258.90	127.50
1688	7.03	5.08	13.78	-639.85	-83.30	-2511.37	98.27	1342.39	192.73
1689	7.96	5.08	13.78	-633.11	-44.14	-1942.23	50.11	1293.49	207.20
1690	8.90	5.08	13.78	-725.51	-40.79	-1437.65	3.12	1180.21	188.90
1691	9.84	5.09	13.78	-686.50	-25.87	-1021.66	-11.84	954.71	143.99
1692	10.77	5.09	13.78	-575.06	-13.17	-743.24	-7.68	727.78	99.23
1693	11.71	5.09	13.78	-435.23	-4.07	-552.28	3.23	530.74	63.47
1694	12.65	5.10	13.78	-292.35	1.49	-399.14	13.04	364.75	37.31
1695	13.58	5.10	13.78	-161.39	3.27	-242.96	16.36	219.52	17.06
1696	14.52	5.10	13.78	-49.51	1.47	-54.03	10.97	75.79	-5.30
1697	0.46	6.15	13.78	-683.39	-146.27	-4634.79	12.31	416.60	-96.67
1698	1.37	6.16	13.78	-680.71	-144.57	-4414.37	51.46	435.38	-86.16
1699	2.28	6.16	13.78	-628.64	-148.32	-4309.15	82.09	482.29	-72.79
1700	3.19	6.16	13.78	-491.25	-108.41	-4218.69	146.79	631.82	-32.22
1701	4.10	6.17	13.78	-389.57	-60.39	-4008.78	211.80	899.45	68.59
1702	5.01	6.17	13.78	-461.69	-61.29	-3616.89	179.63	1160.44	191.85
1703	5.92	6.17	13.78	-559.30	-81.11	-3081.50	94.63	1308.96	274.32
1704	6.83	6.18	13.78	-609.24	-54.37	-2505.08	78.88	1343.27	300.27
1705	7.74	6.18	13.78	-669.25	-37.68	-1945.73	28.37	1302.35	299.15
1706	8.65	6.18	13.78	-721.48	-37.99	-1436.41	-24.88	1158.64	265.49
1707	9.56	6.19	13.78	-675.38	-25.19	-1035.82	-35.17	940.77	197.53
1708	10.47	6.19	13.78	-567.85	-12.00	-758.77	-24.12	723.39	133.97
1709	11.38	6.20	13.78	-434.36	-1.88	-563.39	-6.59	533.18	83.58
1710	12.29	6.20	13.78	-296.80	4.31	-405.17	8.72	371.43	45.96
1711	13.20	6.20	13.78	-168.66	6.03	-247.19	16.36	228.70	15.98
1712	14.11	6.21	13.78	-56.40	2.96	-63.31	14.05	87.34	-15.86
1713	0.44	7.25	13.78	-644.37	-176.59	-4834.67	5.97	409.13	21.33
1714	1.32	7.25	13.78	-649.07	-148.63	-4607.39	51.78	438.32	26.20
1715	2.20	7.25	13.78	-578.99	-114.67	-4501.69	96.74	501.34	54.10
1716	3.07	7.26	13.78	-406.92	-51.17	-4362.00	160.91	708.83	139.23
1717	3.95	7.26	13.78	-359.15	-35.68	-4078.37	177.42	990.72	258.80
1718	4.83	7.26	13.78	-491.94	-48.99	-3618.57	155.75	1227.91	365.08
1719	5.71	7.26	13.78	-593.23	-32.07	-3042.84	82.08	1321.74	407.01
1720	6.59	7.26	13.78	-562.17	-7.43	-2476.22	53.09	1325.72	413.65
1721	7.47	7.26	13.78	-695.03	-46.15	-1930.44	-19.54	1295.83	402.80
1722	8.34	7.27	13.78	-711.07	-41.71	-1419.72	-53.90	1122.83	333.08
1723	9.22	7.27	13.78	-655.08	-29.21	-1040.74	-57.32	913.59	248.90
1724	10.10	7.27	13.78	-552.28	-14.37	-771.00	-40.79	710.36	170.51
1725	10.98	7.27	13.78	-427.52	-2.18	-574.03	-18.01	531.01	107.09
1726	11.86	7.27	13.78	-297.90	5.38	-411.96	2.14	376.42	57.90
1727	12.73	7.27	13.78	-174.80	7.28	-252.99	14.26	238.54	17.39
1728	13.61	7.28	13.78	-63.69	4.84	-75.04	16.59	101.41	-24.79
1729	0.49	3.95	12.09	-486.88	-117.29	-3691.40	28.88	346.49	-312.06
1730	1.48	3.95	12.09	-497.72	-110.68	-3513.99	72.62	420.88	-290.96
1731	2.46	3.95	12.09	-481.68	-102.98	-3367.58	110.55	506.04	-250.44
1732	3.45	3.95	12.09	-448.46	-88.81	-3228.54	141.00	623.27	-190.41
1733	4.43	3.96	12.09	-422.08	-67.96	-3051.68	157.96	777.57	-115.03
1734	5.42	3.96	12.09	-433.55	-52.34	-2809.51	156.01	936.41	-37.63
1735	6.41	3.96	12.09	-477.11	-40.62	-2504.80	136.26	1065.32	27.56
1736	7.39	3.96	12.09	-521.42	-22.48	-2151.48	109.56	1145.27	75.02
1737	8.38	3.96	12.09	-589.77	-12.63	-1786.17	76.84	1153.73	99.90
1738	9.36	3.96	12.09	-602.49	-2.35	-1447.52	53.90	1088.68	102.78
1739	10.35	3.96	12.09	-586.59	1.91	-1164.89	38.20	980.20	92.70
1740	11.33	3.97	12.09	-522.23	4.13	-939.56	30.63	838.32	74.77
1741	12.32	3.97	12.09	-422.13	3.60	-764.21	27.84	683.91	54.05
1742	13.30	3.97	12.09	-305.03	0.18	-614.98	25.89	524.45	32.42
1743	14.29	3.97	12.09	-184.44	-5.44	-466.63	22.61	355.41	8.79
1744	15.28	3.97	12.09	-75.53	-13.50	-304.79	16.46	169.94	-19.07
1745	0.48	5.05	12.09	-443.62	-23.67	-3972.25	18.46	348.83	-160.72
1746	1.45	5.05	12.09	-459.11	-21.80	-3784.79	60.79	445.57	-150.44
1747	2.41	5.06	12.09	-445.00	-16.62	-3614.49	104.07	551.30	-118.57
1748	3.38	5.06	12.09	-419.98	-6.61	-3433.01	139.92	688.08	-61.69
1749	4.34	5.06	12.09	-415.66	-2.00	-3206.45	152.11	843.15	7.61
1750	5.31	5.07	12.09	-436.23	1.34	-2919.90	143.75	990.45	72.15
1751	6.27	5.07	12.09	-481.62	9.92	-2579.06	125.23	1104.66	125.75
1752	7.23	5.07	12.09	-527.89	14.66	-2200.23	97.25	1168.05	160.26
1753	8.20	5.08	12.09	-594.10	11.23	-1819.53	65.24	1161.10	170.21
1754	9.16	5.08	12.09	-600.14	14.69	-1473.36	43.52	1086.24	158.34
1755	10.13	5.08	12.09	-581.36	13.66	-1186.31	29.71	975.31	134.02
1756	11.09	5.09	12.09	-518.25	12.39	-955.68	25.04	834.77	102.55
1757	12.06	5.09	12.09	-421.91	9.53	-774.67	25.52	683.18	69.65
1758	13.02	5.09	12.09	-308.92	4.34	-621.72	26.57	527.24	37.22
1759	13.99	5.10	12.09	-191.26	-2.69	-474.09	25.74	362.51	3.60
1760	14.95	5.10	12.09	-83.13	-12.14	-319.14	21.80	182.57	-33.65
1761	0.47	6.15	12.09	-392.19	42.94	-4185.21	7.52	339.73	20.68
1762	1.41	6.16	12.09	-409.90	46.34	-3993.70	51.95	458.72	25.34
1763	2.35	6.16	12.09	-396.35	55.27	-3799.45	93.25	588.32	53.78
1764	3.29	6.16	12.09	-388.64	57.81	-3577.80	120.11	738.89	102.44
1765	4.22	6.17	12.09	-401.37	53.89	-3309.92	126.08	888.73	155.16
1766	5.16	6.17	12.09	-424.24	51.54	-2989.38	123.86	1025.69	203.65
1767	6.10	6.17	12.09	-473.91	48.75	-2620.33	109.08	1128.92	243.91
1768	7.04	6.18	12.09	-537.05	36.52	-2223.14	69.78	1173.09	260.89
1769	7.98	6.18	12.09	-580.37	28.96	-1836.23	43.29	1147.98	248.78
1770	8.92	6.18	12.09	-589.96	25.37	-1491.79	26.50	1072.27	219.16
1771	9.86	6.19	12.09	-568.37	20.78	-1202.06	16.03	959.95	180.05
1772	10.80	6.19	12.09	-507.70	17.24	-969.02	15.11	823.49	134.60
1773	11.73	6.19	12.09	-417.09	13.08	-784.06	19.33	677.59	89.12
1774	12.67	6.20	12.09	-310.40	7.05	-628.55	23.94	527.77	45.43
1775	13.61	6.20	12.09	-197.77	-0.26	-482.93	26.61	369.72	1.43
1776	14.55	6.20	12.09	-92.46	-9.88	-336.60	25.63	198.12	-45.44
1777	0.45	7.25	12.09	-326.94	113.92	-4331.37	-6.57	322.23	233.91
1778	1.36	7.25	12.09	-348.01	110.67	-4134.03	37.01	465.52	231.94
1779	2.27	7.25	12.09	-343.10	111.46	-3912.62	74.92	616.28	254.43
1780	3.18	7.26	12.09	-356.27	104.25	-3656.97	93.93	769.49	288.89
1781	4.08	7.26	12.09	-377.54	97.40	-3358.18	99.10	912.21	324.96
1782	4.99	7.26	12.09	-404.02	85.75	-3014.64	85.56	1038.04	353.00

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
1783	5.90	7.26	12.09	-458.50	64.76	-2626.75	67.57	1130.82	369.52
1784	6.81	7.26	12.09	-533.77	45.44	-2220.57	35.88	1155.44	361.61
1785	7.72	7.26	12.09	-554.38	41.14	-1837.53	18.38	1116.97	328.82
1786	8.62	7.26	12.09	-568.73	29.64	-1501.22	3.09	1044.52	284.46
1787	9.53	7.27	12.09	-546.72	22.83	-1212.82	-2.06	934.29	228.93
1788	10.44	7.27	12.09	-490.01	18.24	-980.20	1.49	804.52	169.96
1789	11.35	7.27	12.09	-406.94	13.84	-793.58	9.67	666.88	112.20
1790	12.25	7.27	12.09	-308.59	8.00	-637.19	18.06	525.60	57.07
1791	13.16	7.27	12.09	-203.02	1.10	-494.88	24.69	376.77	2.49
1792	14.07	7.27	12.09	-102.08	-6.59	-358.24	28.01	215.80	-54.28
1793	0.51	3.95	10.41	-328.11	-53.82	-3352.49	16.26	280.79	-88.96
1794	1.52	3.95	10.41	-363.92	-49.04	-3182.90	48.77	401.56	-82.89
1795	2.53	3.95	10.41	-386.51	-40.89	-3016.09	76.37	522.54	-61.65
1796	3.54	3.95	10.41	-405.35	-30.84	-2839.90	96.07	649.25	-29.18
1797	4.56	3.96	10.41	-431.02	-21.07	-2643.20	105.74	777.06	8.54
1798	5.57	3.96	10.41	-466.76	-11.16	-2419.94	105.59	896.50	45.45
1799	6.58	3.96	10.41	-512.34	-2.15	-2170.31	97.72	995.42	76.50
1800	7.60	3.96	10.41	-565.01	2.36	-1907.37	84.33	1058.36	96.84
1801	8.61	3.96	10.41	-602.58	4.58	-1649.45	70.69	1080.80	105.31
1802	9.62	3.96	10.41	-623.19	2.43	-1415.67	58.06	1063.77	103.02
1803	10.63	3.96	10.41	-607.95	-2.57	-1219.33	49.45	1010.46	91.66
1804	11.65	3.96	10.41	-557.11	-11.03	-1066.19	44.55	928.23	73.82
1805	12.66	3.97	10.41	-470.37	-21.94	-949.43	42.58	816.47	50.63
1806	13.67	3.97	10.41	-356.08	-34.43	-851.60	41.66	670.61	22.36
1807	14.68	3.97	10.41	-236.68	-50.15	-754.57	38.75	492.38	-9.34
1808	15.70	3.97	10.41	-104.28	-63.50	-637.47	36.42	277.37	-44.49
1809	0.50	5.05	10.41	-287.43	24.95	-3523.82	12.37	274.03	30.27
1810	1.49	5.05	10.41	-325.17	26.70	-3347.47	46.06	410.43	31.92
1811	2.48	5.06	10.41	-353.53	29.32	-3163.69	73.60	543.60	48.86
1812	3.47	5.06	10.41	-380.25	31.28	-2964.70	92.13	675.40	75.39
1813	4.47	5.06	10.41	-411.50	33.17	-2743.38	101.53	803.03	105.87
1814	5.46	5.07	10.41	-452.87	33.74	-2496.15	101.68	917.68	135.24
1815	6.45	5.07	10.41	-501.85	31.56	-2226.56	92.98	1007.39	157.01
1816	7.44	5.07	10.41	-554.15	27.92	-1949.65	79.73	1060.18	166.63
1817	8.44	5.08	10.41	-589.64	23.74	-1682.55	66.69	1074.69	163.61
1818	9.43	5.08	10.41	-609.16	16.31	-1442.02	55.67	1052.47	149.35
1819	10.42	5.08	10.41	-594.20	7.98	-1239.69	49.15	996.57	126.04
1820	11.41	5.09	10.41	-546.08	-2.68	-1080.53	46.55	914.28	96.54
1821	12.41	5.09	10.41	-464.49	-15.21	-957.79	46.90	804.86	62.18
1822	13.40	5.09	10.41	-356.96	-29.31	-855.88	48.07	664.32	23.51
1823	14.39	5.09	10.41	-243.29	-46.87	-759.41	46.61	494.61	-17.23
1824	15.38	5.10	10.41	-114.62	-61.92	-649.58	46.47	290.15	-60.09
1825	0.48	6.15	10.41	-240.73	89.90	-3648.71	5.90	259.96	189.57
1826	1.45	6.15	10.41	-280.20	88.38	-3468.17	36.73	411.00	184.20
1827	2.42	6.16	10.41	-315.33	84.94	-3270.93	61.93	554.08	192.30
1828	3.39	6.16	10.41	-348.56	80.55	-3053.64	79.05	689.33	208.52
1829	4.35	6.16	10.41	-385.66	74.75	-2812.28	87.42	815.86	228.11
1830	5.32	6.17	10.41	-432.60	66.45	-2546.38	85.30	923.81	244.29
1831	6.29	6.17	10.41	-483.71	56.39	-2263.72	76.16	1003.03	250.36
1832	7.25	6.17	10.41	-531.86	47.04	-1978.51	66.88	1047.34	245.22
1833	8.22	6.18	10.41	-569.12	36.45	-1706.24	55.44	1055.39	228.62
1834	9.19	6.18	10.41	-585.24	25.48	-1461.81	47.32	1028.13	200.42
1835	10.16	6.18	10.41	-572.06	14.50	-1256.11	44.11	971.72	163.80
1836	11.12	6.19	10.41	-528.12	2.48	-1091.87	44.51	890.96	121.99
1837	12.09	6.19	10.41	-453.67	-10.80	-963.72	47.49	785.88	76.24
1838	13.06	6.19	10.41	-355.22	-25.54	-858.43	50.87	653.30	27.53
1839	14.03	6.20	10.41	-249.64	-43.61	-764.06	51.38	495.27	-21.31
1840	14.99	6.20	10.41	-126.79	-58.44	-663.99	54.00	305.10	-70.79
1841	0.47	7.25	10.41	-189.70	135.39	-3705.69	-1.61	237.38	377.45
1842	1.41	7.25	10.41	-230.91	132.08	-3525.87	23.25	399.78	363.59
1843	2.34	7.25	10.41	-271.80	124.47	-3321.88	43.06	549.49	359.76
1844	3.28	7.26	10.41	-310.06	114.74	-3093.04	56.66	686.86	362.14
1845	4.22	7.26	10.41	-353.16	101.53	-2839.17	61.73	810.23	365.16
1846	5.15	7.26	10.41	-403.75	86.89	-2563.02	60.76	910.59	363.80
1847	6.09	7.26	10.41	-455.38	72.27	-2276.19	53.16	979.70	352.68
1848	7.03	7.26	10.41	-499.48	57.11	-1990.35	45.52	1017.56	330.69
1849	7.97	7.26	10.41	-538.28	40.88	-1718.60	37.07	1020.77	297.66
1850	8.90	7.26	10.41	-551.49	28.29	-1474.70	33.70	990.52	254.28
1851	9.84	7.27	10.41	-540.99	15.69	-1268.63	34.07	935.65	204.61
1852	10.78	7.27	10.41	-502.84	3.30	-1101.21	37.86	858.46	150.59
1853	11.72	7.27	10.41	-437.42	-9.64	-968.99	43.66	759.82	93.87
1854	12.65	7.27	10.41	-350.15	-23.73	-861.67	49.41	637.70	35.68
1855	13.59	7.27	10.41	-254.67	-40.76	-770.82	52.36	494.27	-20.66
1856	14.53	7.27	10.41	-139.05	-52.66	-682.12	58.81	321.16	-76.95
1857	0.52	3.95	8.72	-258.23	-19.66	-2978.88	16.23	200.26	58.43
1858	1.56	3.95	8.72	-309.00	-17.46	-2824.68	36.23	343.48	56.04
1859	2.60	3.95	8.72	-357.10	-13.79	-2661.18	53.40	477.70	62.15
1860	3.64	3.95	8.72	-405.95	-9.48	-2487.10	66.05	604.95	74.07
1861	4.68	3.96	8.72	-458.58	-5.31	-2300.55	73.46	724.02	88.59
1862	5.72	3.96	8.72	-516.90	-2.51	-2101.70	75.66	830.63	102.39
1863	6.76	3.96	8.72	-579.48	-2.20	-1895.59	73.43	918.71	112.40
1864	7.80	3.96	8.72	-640.13	-4.63	-1690.95	68.49	984.59	116.84
1865	8.84	3.96	8.72	-693.47	-11.07	-1499.64	62.17	1026.16	114.86
1866	9.88	3.96	8.72	-728.74	-21.73	-1334.11	56.27	1044.43	106.72
1867	10.92	3.96	8.72	-738.98	-37.44	-1205.88	51.67	1041.87	93.34
1868	11.96	3.96	8.72	-713.53	-58.14	-1123.64	49.62	1018.19	75.25
1869	13.00	3.96	8.72	-641.73	-83.10	-1092.07	51.46	966.61	51.90
1870	14.04	3.97	8.72	-510.75	-109.29	-1104.41	58.46	865.22	20.30
1871	15.08	3.97	8.72	-316.32	-127.85	-1103.25	68.82	667.22	-25.63
1872	16.12	3.97	8.72	-195.39	-157.14	-1044.48	62.20	416.60	-73.39
1873	0.51	5.05	8.72	-228.50	28.51	-3070.06	16.35	188.86	164.93
1874	1.53	5.05	8.72	-279.51	28.37	-2915.01	35.83	339.80	158.23
1875	2.55	5.06	8.72	-329.48	28.13	-2745.31	52.79	479.45	159.37
1876	3.57	5.06	8.72	-380.81	27.52	-2561.46	65.46	609.31	165.78
1877	4.59	5.06	8.72	-436.06	25.85	-2363.62	72.86	727.67	174.04
1878	5.61	5.07	8.72	-495.71	22.77	-2154.17	75.14	830.66	180.40
1879	6.63	5.07	8.72	-558.17	18.04	-1939.32	73.65	913.73	181.99
1880	7.65	5.07	8.72	-617.75	11.19	-1727.82	69.96	974.28	177.18
1881	8.67	5.07	8.72	-669.75	1.65	-1531.21	65.52	1010.92	165.22

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
1882	9.69	5.08	8.72	-704.15	-10.59	-1361.18	61.90	1025.38	146.56
1883	10.71	5.08	8.72	-715.13	-26.70	-1228.25	59.90	1020.36	122.35
1884	11.73	5.08	8.72	-692.52	-46.95	-1140.41	60.52	995.61	93.49
1885	12.75	5.09	8.72	-626.06	-71.39	-1101.98	64.98	944.68	59.83
1886	13.77	5.09	8.72	-503.53	-97.92	-1105.76	74.66	846.82	18.48
1887	14.79	5.09	8.72	-322.32	-119.42	-1098.03	87.36	659.82	-36.95
1888	15.81	5.10	8.72	-209.34	-156.47	-1041.91	79.49	426.60	-90.21
1889	0.50	6.15	8.72	-195.78	65.88	-3128.62	15.11	171.95	295.64
1890	1.49	6.15	8.72	-246.40	63.90	-2975.33	31.94	328.71	283.47
1891	2.49	6.16	8.72	-297.32	60.54	-2802.48	46.81	472.27	277.57
1892	3.49	6.16	8.72	-350.52	55.52	-2612.24	58.03	603.37	275.51
1893	4.48	6.16	8.72	-407.35	48.93	-2406.96	64.74	719.71	273.85
1894	5.48	6.17	8.72	-467.17	40.96	-2190.99	67.58	818.40	269.46
1895	6.47	6.17	8.72	-528.26	31.73	-1971.03	67.52	896.19	259.98
1896	7.47	6.17	8.72	-586.23	21.03	-1756.19	65.57	950.95	243.40
1897	8.47	6.18	8.72	-635.06	9.26	-1557.17	64.28	982.60	219.30
1898	9.46	6.18	8.72	-668.50	-4.11	-1384.54	64.16	993.42	188.59
1899	10.46	6.18	8.72	-679.83	-19.79	-1247.60	65.91	985.69	152.31
1900	11.45	6.19	8.72	-660.83	-38.59	-1153.87	70.12	959.90	111.58
1901	12.45	6.19	8.72	-601.56	-61.17	-1107.30	77.47	910.22	66.84
1902	13.44	6.19	8.72	-490.42	-86.51	-1101.13	89.27	817.85	16.14
1903	14.44	6.19	8.72	-325.93	-108.98	-1086.81	103.52	645.51	-46.01
1904	15.44	6.20	8.72	-225.45	-151.21	-1036.60	93.77	435.44	-99.39
1905	0.48	7.25	8.72	-161.98	86.33	-3141.17	13.10	149.11	441.26
1906	1.45	7.25	8.72	-211.11	83.13	-2993.19	25.27	308.68	422.93
1907	2.42	7.25	8.72	-261.84	77.51	-2821.65	36.56	453.78	408.49
1908	3.38	7.25	8.72	-315.83	69.35	-2630.48	45.24	584.12	395.76
1909	4.35	7.26	8.72	-372.70	59.42	-2423.70	50.97	697.37	382.20
1910	5.32	7.26	8.72	-431.48	47.90	-2207.08	53.64	791.32	364.99
1911	6.28	7.26	8.72	-490.01	35.38	-1987.37	55.00	863.94	342.21
1912	7.25	7.26	8.72	-545.06	22.54	-1773.85	55.76	913.24	312.50
1913	8.22	7.26	8.72	-589.84	9.67	-1576.26	57.97	940.53	275.70
1914	9.18	7.26	8.72	-621.57	-4.23	-1403.63	61.70	948.09	232.54
1915	10.15	7.26	8.72	-632.91	-18.91	-1263.98	67.80	937.78	183.94
1916	11.12	7.27	8.72	-617.91	-35.58	-1164.22	75.97	910.85	131.32
1917	12.08	7.27	8.72	-567.70	-55.34	-1108.02	86.10	862.74	75.50
1918	13.05	7.27	8.72	-471.35	-78.30	-1090.20	98.75	777.95	16.01
1919	14.02	7.27	8.72	-327.11	-100.81	-1070.33	112.38	625.05	-50.02
1920	14.98	7.27	8.72	-240.69	-142.20	-1031.68	101.91	443.27	-100.22
1921	0.53	3.95	7.03	-246.45	-18.89	-2595.94	21.35	120.10	140.13
1922	1.60	3.95	7.03	-302.32	-18.04	-2462.12	32.49	266.56	133.66
1923	2.67	3.95	7.03	-362.56	-16.96	-2314.92	42.68	401.63	131.47
1924	3.73	3.95	7.03	-427.74	-16.22	-2156.85	50.85	525.84	132.17
1925	4.80	3.96	7.03	-498.76	-16.54	-1990.17	56.41	638.50	133.98
1926	5.87	3.96	7.03	-575.66	-18.69	-1818.36	59.24	737.99	135.05
1927	6.94	3.96	7.03	-657.09	-23.46	-1646.62	59.64	822.87	133.87
1928	8.00	3.96	7.03	-740.75	-31.92	-1482.23	58.00	892.36	129.42
1929	9.07	3.96	7.03	-822.55	-45.09	-1334.02	54.77	947.62	121.37
1930	10.14	3.96	7.03	-898.41	-64.56	-1211.98	50.24	991.62	110.00
1931	11.20	3.96	7.03	-962.22	-92.17	-1127.16	44.93	1028.78	96.02
1932	12.27	3.96	7.03	-1005.78	-130.10	-1092.98	40.07	1064.04	80.15
1933	13.34	3.96	7.03	-1013.50	-179.86	-1128.40	38.88	1099.86	62.07
1934	14.41	3.97	7.03	-952.38	-239.92	-1263.17	47.83	1127.76	38.03
1935	15.47	3.97	7.03	-744.42	-301.85	-1549.16	77.45	1093.05	-4.97
1936	16.54	3.97	7.03	-138.81	-277.94	-1648.05	132.04	629.10	-121.05
1937	0.52	5.05	7.03	-227.25	3.69	-2642.74	24.99	108.31	235.95
1938	1.57	5.05	7.03	-281.41	3.53	-2510.96	35.36	257.48	225.89
1939	2.62	5.06	7.03	-340.81	2.68	-2363.07	45.13	394.54	219.35
1940	3.67	5.06	7.03	-405.51	0.83	-2202.43	53.26	519.40	214.94
1941	4.72	5.06	7.03	-475.77	-2.30	-2032.37	59.20	631.22	210.82
1942	5.76	5.06	7.03	-551.36	-7.07	-1857.18	62.96	728.67	205.21
1943	6.81	5.07	7.03	-630.82	-13.91	-1682.58	64.87	810.69	196.58
1944	7.86	5.07	7.03	-712.10	-23.35	-1515.99	65.41	877.04	183.92
1945	8.91	5.07	7.03	-791.64	-36.15	-1365.92	65.03	929.37	166.96
1946	9.96	5.08	7.03	-866.14	-53.67	-1241.85	63.81	970.93	146.15
1947	11.01	5.08	7.03	-930.19	-77.84	-1154.23	61.77	1006.43	122.49
1948	12.05	5.08	7.03	-976.07	-111.70	-1115.90	59.40	1041.04	97.34
1949	13.10	5.08	7.03	-988.05	-158.61	-1145.03	59.29	1077.22	71.44
1950	14.15	5.09	7.03	-932.76	-220.06	-1269.90	68.72	1105.75	41.75
1951	15.20	5.09	7.03	-733.67	-289.63	-1534.09	101.96	1070.65	-7.23
1952	16.25	5.09	7.03	-158.49	-281.66	-1615.39	170.05	630.64	-144.08
1953	0.51	6.15	7.03	-206.53	18.18	-2667.62	27.99	92.51	343.85
1954	1.54	6.15	7.03	-258.14	17.25	-2539.72	36.27	242.68	329.76
1955	2.56	6.16	7.03	-315.77	14.78	-2393.42	44.56	380.27	317.81
1956	3.59	6.16	7.03	-378.85	10.81	-2232.87	51.91	504.53	306.77
1957	4.61	6.16	7.03	-447.10	5.34	-2062.28	57.92	614.58	295.09
1958	5.63	6.17	7.03	-519.88	-1.62	-1886.60	62.60	709.23	281.09
1959	6.66	6.17	7.03	-595.71	-10.05	-1711.98	66.43	787.77	263.35
1960	7.68	6.17	7.03	-672.49	-20.06	-1545.67	70.08	850.49	241.08
1961	8.71	6.17	7.03	-747.67	-32.13	-1395.76	73.80	899.21	214.00
1962	9.73	6.18	7.03	-818.23	-47.08	-1270.99	77.82	937.32	182.44
1963	10.76	6.18	7.03	-880.30	-66.59	-1181.04	81.76	969.69	147.47
1964	11.78	6.18	7.03	-927.21	-93.64	-1137.84	85.22	1001.78	110.75
1965	12.81	6.19	7.03	-944.59	-132.86	-1158.71	89.23	1036.95	74.20
1966	13.83	6.19	7.03	-899.61	-189.13	-1270.69	99.61	1066.80	37.39
1967	14.86	6.19	7.03	-716.79	-261.33	-1510.12	132.11	1035.10	-13.53
1968	15.88	6.19	7.03	-178.49	-276.18	-1570.74	207.28	623.57	-157.98
1969	0.50	7.25	7.03	-185.54	20.70	-2663.89	30.58	72.77	457.54
1970	1.49	7.25	7.03	-233.70	19.44	-2542.03	35.70	221.54	439.34
1971	2.49	7.25	7.03	-288.43	16.05	-2400.36	41.55	357.68	421.41
1972	3.49	7.25	7.03	-348.55	10.80	-2243.45	47.42	479.89	402.94
1973	4.48	7.26	7.03	-413.36	3.88	-2076.17	52.94	587.13	382.65
1974	5.48	7.26	7.03	-481.74	-4.35	-1903.86	58.38	678.36	359.30
1975	6.48	7.26	7.03	-552.16	-13.64	-1732.87	64.10	753.08	331.76
1976	7.47	7.26	7.03	-622.44	-23.87	-1570.02	70.88	811.95	299.34
1977	8.47	7.26	7.03	-690.75	-35.10	-1422.79	79.09	856.59	261.77
1978	9.46	7.26	7.03	-754.21	-47.65	-1299.02	89.11	890.22	219.24
1979	10.46	7.26	7.03	-810.37	-62.77	-1207.25	100.60	917.40	172.47
1980	11.46	7.26	7.03	-854.10	-82.52	-1157.92	112.89	943.26	122.66

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
1981	12.45	7.27	7.03	-873.91	-111.40	-1166.47	125.45	972.07	71.83
1982	13.45	7.27	7.03	-841.12	-156.44	-1258.07	140.84	998.78	22.42
1983	14.45	7.27	7.03	-682.96	-222.61	-1464.71	171.82	972.57	-31.77
1984	15.44	7.27	7.03	-190.09	-256.20	-1506.34	244.27	598.25	-165.91
1985	0.55	3.95	5.34	-256.83	-38.81	-2232.33	27.62	48.51	176.53
1986	1.64	3.95	5.34	-312.15	-38.03	-2117.83	33.14	186.80	169.10
1987	2.74	3.95	5.34	-376.56	-38.01	-1989.85	38.70	314.02	163.45
1988	3.83	3.95	5.34	-449.79	-39.16	-1851.97	43.64	429.64	158.92
1989	4.92	3.95	5.34	-531.83	-41.98	-1707.86	47.50	533.05	154.61
1990	6.02	3.96	5.34	-622.65	-47.14	-1561.73	50.00	623.65	149.55
1991	7.11	3.96	5.34	-722.01	-55.52	-1418.72	50.94	701.14	142.89
1992	8.21	3.96	5.34	-829.51	-68.24	-1284.89	50.05	766.08	134.04
1993	9.30	3.96	5.34	-945.03	-87.04	-1167.19	46.82	820.15	122.76
1994	10.40	3.96	5.34	-1068.88	-114.48	-1073.38	40.55	866.57	109.14
1995	11.49	3.96	5.34	-1202.54	-154.47	-1012.37	30.65	910.41	93.54
1996	12.59	3.96	5.34	-1349.11	-212.27	-995.68	17.58	959.65	76.32
1997	13.68	3.96	5.34	-1515.54	-293.51	-1041.56	4.39	1028.44	57.18
1998	14.77	3.96	5.34	-1716.73	-402.90	-1189.54	-2.85	1147.18	33.83
1999	15.87	3.97	5.34	-1975.24	-547.33	-1544.38	3.37	1387.55	-0.67
2000	16.96	3.97	5.34	-2247.92	-815.88	-2985.03	65.45	1976.05	-76.58
2001	0.54	5.05	5.34	-245.52	-33.33	-2257.38	34.05	38.49	262.53
2002	1.61	5.05	5.34	-298.36	-32.86	-2145.68	38.74	177.00	252.19
2003	2.69	5.06	5.34	-360.50	-33.60	-2019.40	43.91	304.42	242.88
2004	3.77	5.06	5.34	-431.44	-35.72	-1882.40	48.93	419.88	233.97
2005	4.84	5.06	5.34	-510.94	-39.46	-1738.74	53.43	522.65	224.61
2006	5.92	5.06	5.34	-598.81	-45.14	-1592.98	57.24	612.19	213.84
2007	6.99	5.07	5.34	-694.89	-53.23	-1450.41	60.25	688.39	200.84
2008	8.07	5.07	5.34	-799.06	-64.45	-1317.08	62.24	752.03	185.07
2009	9.15	5.07	5.34	-911.82	-80.07	-1199.68	62.61	805.04	166.32
2010	10.22	5.07	5.34	-1034.33	-102.35	-1105.52	60.18	850.88	144.84
2011	11.30	5.08	5.34	-1169.09	-135.46	-1042.95	53.14	894.97	121.31
2012	12.37	5.08	5.34	-1319.64	-186.63	-1022.70	39.67	945.59	96.92
2013	13.45	5.08	5.34	-1491.09	-266.78	-1062.12	20.35	1016.77	72.87
2014	14.53	5.08	5.34	-1692.84	-387.18	-1198.54	2.35	1136.29	48.49
2015	15.60	5.09	5.34	-1943.94	-556.06	-1535.08	0.40	1370.21	15.44
2016	16.68	5.09	5.34	-2207.72	-844.28	-2887.43	70.87	1927.98	-61.67
2017	0.53	6.15	5.34	-233.59	-34.29	-2268.26	40.09	25.57	353.74
2018	1.58	6.15	5.34	-283.16	-33.99	-2160.61	43.31	162.90	340.42
2019	2.63	6.16	5.34	-342.00	-35.25	-2037.70	47.50	289.30	327.03
2020	3.69	6.16	5.34	-409.39	-38.08	-1903.55	52.22	403.62	313.11
2021	4.74	6.16	5.34	-484.83	-42.45	-1762.48	57.22	504.97	297.93
2022	5.79	6.16	5.34	-567.93	-48.40	-1619.29	62.50	592.84	280.67
2023	6.85	6.17	5.34	-658.42	-56.02	-1479.35	68.13	667.28	260.61
2024	7.90	6.17	5.34	-756.41	-65.58	-1348.54	74.10	729.17	237.24
2025	8.95	6.17	5.34	-862.73	-77.71	-1233.24	80.07	780.56	210.35
2026	10.00	6.18	5.34	-979.55	-93.88	-1140.21	84.94	825.04	180.15
2027	11.06	6.18	5.34	-1110.95	-117.18	-1077.09	86.39	868.26	147.38
2028	12.11	6.18	5.34	-1263.10	-154.45	-1053.66	80.36	919.26	113.67
2029	13.16	6.18	5.34	-1443.58	-219.72	-1086.04	61.86	993.35	81.98
2030	14.22	6.19	5.34	-1660.06	-336.64	-1210.95	30.92	1119.70	56.20
2031	15.27	6.19	5.34	-1919.39	-524.69	-1534.18	7.16	1359.83	32.61
2032	16.32	6.19	5.34	-2187.70	-834.17	-2818.65	66.58	1904.07	-24.90
2033	0.51	7.25	5.34	-221.85	-43.59	-2262.31	45.78	9.92	446.06
2034	1.54	7.25	5.34	-267.34	-43.26	-2160.05	46.96	144.31	429.87
2035	2.56	7.25	5.34	-321.82	-44.68	-2042.43	49.69	268.22	412.32
2036	3.59	7.25	5.34	-384.40	-47.75	-1913.46	53.67	380.23	393.14
2037	4.62	7.26	5.34	-454.24	-52.29	-1777.57	58.85	479.31	371.84
2038	5.64	7.26	5.34	-530.69	-58.14	-1639.59	65.37	564.94	347.81
2039	6.67	7.26	5.34	-613.24	-65.13	-1504.79	73.53	637.20	320.48
2040	7.69	7.26	5.34	-701.86	-73.19	-1378.83	83.66	696.93	289.42
2041	8.72	7.26	5.34	-797.31	-82.43	-1267.63	95.93	746.08	254.37
2042	9.74	7.26	5.34	-901.98	-93.48	-1177.37	109.96	787.96	215.28
2043	10.77	7.26	5.34	-1020.58	-107.76	-1114.86	124.58	827.91	172.47
2044	11.80	7.26	5.34	-1161.83	-128.95	-1088.71	136.48	874.84	126.89
2045	12.82	7.26	5.34	-1339.13	-167.62	-1112.99	138.50	944.91	81.18
2046	13.85	7.27	5.34	-1569.36	-251.23	-1220.05	120.09	1069.78	40.43
2047	14.87	7.27	5.34	-1865.59	-434.31	-1517.30	82.16	1318.15	11.84
2048	15.90	7.27	5.34	-2178.08	-769.62	-2721.54	119.31	1870.88	-30.15
2049	-14.01	3.97	17.16	23.92	-42.52	34.25	-17.02	77.16	-18.56
2050	-13.11	3.97	17.16	31.65	-46.77	-65.92	-31.72	36.69	-29.63
2051	-12.20	3.97	17.16	-29.82	-64.54	-105.19	-39.45	-44.48	-19.17
2052	-11.30	3.97	17.16	-191.69	-108.73	-140.39	-35.66	-162.00	1.46
2053	-10.39	3.97	17.16	-507.08	-191.22	-209.55	-12.02	-341.90	32.38
2054	-9.49	3.97	17.16	-1075.98	-331.90	-375.22	45.23	-660.22	82.13
2055	-8.59	3.97	17.16	-2098.50	-576.61	-804.75	158.71	-1316.36	172.82
2056	-7.68	3.96	17.16	-3977.61	-1028.98	-1989.13	368.50	-2865.23	344.07
2057	-6.78	3.96	17.16	-7704.36	-2532.81	-9053.99	667.90	-7451.18	860.66
2058	-5.87	3.96	17.16	-2049.14	-2166.99	-14051.10	-114.07	-1607.05	55.61
2059	-4.97	3.96	17.16	-1832.95	-1496.32	-11164.30	-105.31	-382.48	-153.60
2060	-4.07	3.96	17.16	-1855.84	-1116.36	-10038.30	-82.71	-84.23	-280.89
2061	-3.16	3.96	17.16	-1710.54	-999.41	-9243.04	-76.04	30.02	-396.45
2062	-2.26	3.95	17.16	-1533.10	-948.81	-8611.17	13.37	184.26	-465.85
2063	-1.36	3.95	17.16	-1475.71	-827.55	-8209.70	100.15	328.61	-453.57
2064	-0.45	3.95	17.16	-1463.74	-703.68	-7906.67	70.39	385.01	-402.11
2065	-13.66	5.11	17.16	14.07	-53.09	36.56	-32.48	74.57	-32.48
2066	-12.78	5.11	17.16	13.80	-55.04	-66.34	-55.39	32.91	-42.81
2067	-11.90	5.10	17.16	-53.58	-70.52	-109.20	-68.90	-47.87	-27.37
2068	-11.01	5.10	17.16	-217.65	-112.49	-147.38	-66.76	-165.39	2.40
2069	-10.13	5.09	17.16	-529.19	-193.71	-219.04	-37.55	-345.67	49.44
2070	-9.25	5.09	17.16	-1083.50	-335.48	-385.96	39.84	-662.69	131.57
2071	-8.37	5.09	17.16	-2072.93	-581.50	-810.85	206.46	-1309.71	299.30
2072	-7.49	5.08	17.16	-3917.72	-1051.24	-1965.08	531.42	-2843.17	692.61
2073	-6.61	5.08	17.16	-7851.58	-2585.52	-9406.23	1088.06	-7894.70	1483.05
2074	-5.73	5.07	17.16	-2142.76	-2176.57	-14905.60	-85.36	-1790.75	365.59
2075	-4.85	5.07	17.16	-1549.04	-1661.76	-9819.78	70.16	926.18	1087.03
2076	-3.97	5.07	17.16	-1364.25	-1209.40	-6246.99	108.01	-329.69	2115.16
2077	-3.08	5.06	17.16	-1651.95	-1244.37	-7208.07	-4.84	-1217.23	1010.24
2078	-2.20	5.06	17.16	-1236.38	-1214.55	-8188.79	2.65	122.95	-52.15
2079	-1.32	5.06	17.16	-1446.38	-1124.19	-6482.98	42.96	1438.02	734.45

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
2080	-0.44	5.05	17.16	-1073.13	-947.57	-4653.05	-30.83	498.17	1785.66
2081	-13.22	6.21	17.16	-1.07	-64.81	39.50	-50.17	70.78	-45.96
2082	-12.37	6.21	17.16	-11.11	-62.86	-66.03	-80.05	27.88	-55.08
2083	-11.51	6.20	17.16	-84.23	-74.59	-113.27	-97.52	-51.27	-34.78
2084	-10.66	6.20	17.16	-246.64	-112.17	-154.49	-95.52	-166.07	4.61
2085	-9.81	6.20	17.16	-541.28	-189.79	-226.61	-59.45	-339.81	69.00
2086	-8.96	6.19	17.16	-1043.08	-331.17	-386.08	39.95	-634.51	185.20
2087	-8.10	6.19	17.16	-1885.86	-590.06	-764.86	265.32	-1196.30	433.19
2088	-7.25	6.18	17.16	-3296.00	-1097.19	-1796.78	780.05	-2392.80	1067.62
2089	-6.40	6.18	17.16	-5668.31	-2777.96	-6135.28	1893.66	-5166.35	3736.68
2090	-5.54	6.18	17.16	-4601.08	-3203.09	-12022.00	1101.10	-4112.15	3110.34
2091	-4.69	6.17	17.16	-1563.07	-1819.99	-10987.50	-351.87	641.82	-1175.76
2092	-3.84	6.17	17.16	-1081.62	-974.06	-5441.72	-13.11	738.56	-1438.83
2093	-2.99	6.16	17.16	-1662.10	-1083.83	-5948.55	50.84	-2394.64	33.01
2094	-2.13	6.16	17.16	-1099.53	-1459.92	-8760.17	23.07	84.39	-95.62
2095	-1.28	6.16	17.16	-1513.46	-997.00	-5558.09	19.68	2753.87	-125.97
2096	-0.43	6.15	17.16	-621.73	-278.01	-1766.94	35.45	703.33	132.27
2097	-12.70	7.28	17.16	-21.89	-75.26	43.72	-70.96	64.89	-58.13
2098	-11.88	7.28	17.16	-43.00	-69.65	-64.93	-105.37	21.79	-66.60
2099	-11.06	7.27	17.16	-120.78	-75.68	-117.09	-125.39	-54.01	-41.94
2100	-10.24	7.27	17.16	-276.25	-106.45	-161.15	-123.90	-162.52	5.95
2101	-9.42	7.27	17.16	-540.62	-176.74	-231.01	-86.46	-321.10	83.66
2102	-8.60	7.27	17.16	-960.31	-310.90	-372.45	11.34	-570.85	217.30
2103	-7.78	7.27	17.16	-1595.03	-553.48	-678.40	207.50	-990.23	466.47
2104	-6.96	7.27	17.16	-2488.03	-1018.82	-1391.56	506.94	-1678.65	946.87
2105	-6.14	7.26	17.16	-3558.28	-1312.29	-2407.79	592.78	-2521.37	954.66
2106	-5.33	7.26	17.16	-6957.63	-2669.05	-8790.95	1101.73	-6891.18	1483.47
2107	-4.51	7.26	17.16	-1944.24	-2052.91	-13922.30	-271.61	-1299.00	221.60
2108	-3.69	7.26	17.16	-1360.82	-1317.58	-8685.48	-43.56	1720.98	-569.94
2109	-2.87	7.26	17.16	-1658.41	-1184.98	-6681.87	-6.11	-2175.27	-79.09
2110	-2.05	7.25	17.16	-1153.99	-1523.65	-9256.60	12.46	108.16	-183.64
2111	-1.23	7.25	17.16	-1614.09	-1056.41	-6021.62	66.37	3064.35	-272.88
2112	-0.41	7.25	17.16	-706.83	-230.83	-1935.63	40.29	848.77	-101.14
2113	-14.43	3.97	15.47	-58.15	106.14	-0.39	13.52	-41.71	-37.02
2114	-13.50	3.97	15.47	-238.60	75.39	-238.34	17.46	-196.86	-15.93
2115	-12.57	3.97	15.47	-477.41	42.20	-386.11	39.53	-395.29	14.79
2116	-11.64	3.97	15.47	-780.68	0.30	-534.59	73.28	-673.08	62.82
2117	-10.71	3.97	15.47	-1159.54	-57.99	-773.04	116.46	-1072.78	133.40
2118	-9.78	3.97	15.47	-1607.69	-143.38	-1236.53	163.36	-1660.15	234.59
2119	-8.84	3.96	15.47	-2040.24	-272.14	-2191.70	191.94	-2511.27	372.54
2120	-7.91	3.96	15.47	-2111.64	-481.49	-4272.52	134.77	-3557.69	524.93
2121	-6.98	3.96	15.47	-309.25	-438.96	-6485.14	-177.95	-3026.97	419.71
2122	-6.05	3.96	15.47	-465.72	-654.83	-7967.67	-262.71	-1965.52	177.06
2123	-5.12	3.96	15.47	-725.16	-553.76	-8109.77	-302.65	-370.88	-187.72
2124	-4.19	3.96	15.47	-980.12	-257.52	-7053.58	-261.87	115.52	-484.28
2125	-3.26	3.96	15.47	-1033.21	-154.77	-6358.15	-194.56	192.88	-753.93
2126	-2.33	3.95	15.47	-984.32	-125.96	-5909.25	-45.61	301.06	-909.22
2127	-1.40	3.95	15.47	-983.62	-14.11	-5441.74	90.04	418.82	-849.36
2128	-0.47	3.95	15.47	-1004.75	107.69	-4997.79	91.37	412.02	-710.15
2129	-14.09	5.11	15.47	-62.87	103.80	-0.68	13.95	-57.53	-61.38
2130	-13.18	5.10	15.47	-246.24	74.76	-242.20	21.91	-212.88	-28.67
2131	-12.27	5.10	15.47	-483.72	40.28	-397.24	52.55	-409.93	16.32
2132	-11.36	5.10	15.47	-781.22	-3.72	-552.88	101.03	-683.85	85.11
2133	-10.45	5.09	15.47	-1148.13	-63.91	-795.94	167.10	-1075.31	188.20
2134	-9.54	5.09	15.47	-1577.31	-148.78	-1256.44	248.61	-1645.14	343.08
2135	-8.64	5.08	15.47	-1991.90	-267.63	-2185.43	325.50	-2462.72	574.14
2136	-7.73	5.08	15.47	-2085.15	-432.48	-4189.38	310.19	-3478.85	872.69
2137	-6.82	5.08	15.47	-290.52	-235.35	-6211.73	-62.72	-2928.02	924.91
2138	-5.91	5.07	15.47	-451.39	-479.57	-7614.95	-212.19	-2084.22	760.98
2139	-5.00	5.07	15.47	-836.04	-837.04	-8195.05	-175.83	-701.10	242.98
2140	-4.09	5.07	15.47	-1254.95	-822.09	-7503.30	-179.55	-48.10	-27.32
2141	-3.18	5.06	15.47	-982.97	-574.08	-6722.93	-245.81	39.97	-42.03
2142	-2.27	5.06	15.47	-787.97	-473.43	-6275.67	-40.48	272.48	-91.17
2143	-1.36	5.06	15.47	-938.37	-394.57	-5763.54	196.84	564.62	-65.00
2144	-0.45	5.05	15.47	-1272.66	-312.12	-5108.04	130.50	601.37	68.93
2145	-13.66	6.21	15.47	-68.86	100.05	-1.38	14.62	-77.89	-83.26
2146	-12.78	6.21	15.47	-252.97	71.67	-245.94	27.54	-231.75	-38.16
2147	-11.90	6.20	15.47	-484.19	33.93	-408.95	67.43	-424.10	21.41
2148	-11.02	6.20	15.47	-766.88	-16.14	-571.19	130.11	-687.14	110.94
2149	-10.14	6.19	15.47	-1105.35	-86.31	-813.41	216.91	-1055.56	245.58
2150	-9.26	6.19	15.47	-1486.10	-188.02	-1250.65	327.98	-1575.35	450.21
2151	-8.37	6.19	15.47	-1835.43	-336.20	-2091.85	447.38	-2286.75	762.29
2152	-7.49	6.18	15.47	-1910.12	-540.43	-3708.54	490.24	-3094.32	1218.73
2153	-6.61	6.18	15.47	-976.44	-459.17	-5740.65	6.36	-3098.32	1229.23
2154	-5.73	6.18	15.47	-224.67	-395.01	-7153.46	-658.65	-2127.36	905.21
2155	-4.85	6.17	15.47	-668.22	-848.80	-7706.84	-427.88	-1067.74	601.66
2156	-3.97	6.17	15.47	-1299.01	-1125.31	-7557.85	-129.76	-333.46	167.72
2157	-3.09	6.16	15.47	-950.06	-925.48	-6815.44	-75.44	66.13	-72.23
2158	-2.20	6.16	15.47	-524.75	-675.97	-6108.46	-20.85	302.28	-50.87
2159	-1.32	6.16	15.47	-830.51	-744.97	-5538.70	104.25	711.11	56.72
2160	-0.44	6.15	15.47	-1536.62	-851.90	-4709.31	64.81	771.32	198.70
2161	-13.16	7.28	15.47	-75.64	95.05	-2.34	14.70	-102.81	-102.21
2162	-12.31	7.27	15.47	-257.43	65.27	-249.54	33.53	-252.72	-45.14
2163	-11.46	7.27	15.47	-477.30	23.34	-420.61	80.90	-436.20	28.15
2164	-10.61	7.27	15.47	-737.23	-35.23	-587.97	152.66	-680.95	135.11
2165	-9.76	7.27	15.47	-1036.59	-118.68	-822.53	247.95	-1012.70	291.54
2166	-8.91	7.27	15.47	-1359.12	-239.00	-1216.90	360.26	-1459.43	519.21
2167	-8.06	7.27	15.47	-1650.00	-409.16	-1913.97	457.12	-2033.48	840.46
2168	-7.21	7.26	15.47	-1792.80	-606.28	-3084.18	435.38	-2669.46	1206.17
2169	-6.37	7.26	15.47	-1749.27	-907.01	-5135.15	223.45	-3285.77	1558.71
2170	-5.52	7.26	15.47	-150.24	-561.59	-6735.03	-457.64	-2320.98	1197.73
2171	-4.67	7.26	15.47	-426.64	-485.72	-7367.94	-432.44	-1536.13	510.46
2172	-3.82	7.26	15.47	-1012.86	-743.37	-7842.02	-291.08	-751.75	-11.80
2173	-2.97	7.26	15.47	-926.38	-844.43	-7396.56	-74.04	116.30	-225.24
2174	-2.12	7.25	15.47	-482.66	-667.93	-6393.08	-63.01	399.81	-172.63
2175	-1.27	7.25	15.47	-808.79	-709.88	-5611.29	-28.46	787.82	-165.27
2176	-0.42	7.25	15.47	-1597.61	-802.52	-4659.47	6.67	805.97	-172.76
2177	-14.85	3.97	13.78	-97.54	178.56	-328.56	30.84	-231.08	-48.40
2178	-13.89	3.97	13.78	-281.65	151.46	-557.17	40.12	-481.74	9.06

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
2179	-12.94	3.97	13.78	-490.55	122.33	-772.04	58.43	-734.40	60.31
2180	-11.98	3.97	13.78	-711.27	89.37	-1018.62	82.17	-1030.45	117.67
2181	-11.02	3.97	13.78	-914.72	50.24	-1369.23	103.87	-1390.39	187.14
2182	-10.06	3.97	13.78	-1043.87	2.50	-1916.71	110.82	-1804.94	267.91
2183	-9.10	3.96	13.78	-996.44	-52.67	-2755.25	82.65	-2190.73	345.97
2184	-8.15	3.96	13.78	-643.86	-81.78	-3742.98	-2.17	-2276.06	376.30
2185	-7.19	3.96	13.78	-514.58	-154.34	-4754.34	-88.09	-2143.34	354.21
2186	-6.23	3.96	13.78	-108.51	-168.38	-5559.78	-230.68	-1676.36	226.64
2187	-5.27	3.96	13.78	-43.48	-251.03	-5965.19	-308.59	-992.69	-2.73
2188	-4.31	3.96	13.78	-249.79	-310.75	-5875.04	-298.06	-321.68	-249.83
2189	-3.35	3.96	13.78	-452.57	-267.04	-5441.16	-221.17	52.01	-427.56
2190	-2.40	3.95	13.78	-584.37	-211.08	-4991.39	-130.88	232.97	-531.16
2191	-1.44	3.95	13.78	-673.20	-187.84	-4602.30	-49.85	326.91	-582.52
2192	-0.48	3.95	13.78	-731.92	-177.68	-4276.23	10.64	364.75	-590.53
2193	-14.52	5.10	13.78	-99.99	178.16	-344.99	38.70	-254.63	-73.61
2194	-13.58	5.10	13.78	-281.24	151.93	-572.43	54.63	-501.60	3.71
2195	-12.65	5.10	13.78	-484.06	122.33	-791.41	81.29	-749.98	74.88
2196	-11.71	5.09	13.78	-695.89	88.51	-1042.96	115.83	-1038.19	155.21
2197	-10.77	5.09	13.78	-889.42	49.32	-1394.31	150.00	-1384.76	253.76
2198	-9.84	5.09	13.78	-1012.42	4.36	-1931.03	168.85	-1779.77	372.03
2199	-8.90	5.08	13.78	-973.59	-42.56	-2737.11	146.11	-2145.69	494.21
2200	-7.96	5.08	13.78	-654.57	-58.33	-3669.61	51.96	-2231.89	563.10
2201	-7.03	5.08	13.78	-593.06	-149.46	-4651.50	-47.27	-2162.27	565.78
2202	-6.09	5.07	13.78	-216.14	-145.36	-5497.58	-198.55	-1791.53	467.78
2203	-5.15	5.07	13.78	-68.04	-109.32	-6009.60	-323.61	-1199.54	274.38
2204	-4.22	5.07	13.78	-157.54	-145.19	-6098.28	-292.48	-535.31	8.84
2205	-3.28	5.06	13.78	-395.42	-174.68	-5802.08	-178.33	-59.58	-176.22
2206	-2.34	5.06	13.78	-548.69	-139.52	-5368.48	-120.85	172.09	-248.85
2207	-1.41	5.06	13.78	-639.34	-117.99	-4981.32	-81.06	290.77	-292.10
2208	-0.47	5.05	13.78	-698.19	-115.77	-4669.20	-16.15	350.06	-321.74
2209	-14.11	6.21	13.78	-102.25	176.66	-365.38	47.78	-283.91	-95.24
2210	-13.20	6.20	13.78	-277.66	149.93	-590.19	70.56	-523.90	1.81
2211	-12.29	6.20	13.78	-470.02	118.25	-812.04	105.53	-764.18	92.85
2212	-11.38	6.20	13.78	-667.38	81.07	-1066.05	149.80	-1038.33	195.57
2213	-10.47	6.19	13.78	-844.90	37.81	-1411.17	194.61	-1361.58	321.23
2214	-9.56	6.19	13.78	-958.21	-10.37	-1920.70	223.05	-1723.07	472.62
2215	-8.65	6.18	13.78	-936.89	-55.63	-2658.05	204.08	-2056.54	633.41
2216	-7.74	6.18	13.78	-716.06	-68.45	-3556.90	90.52	-2197.47	721.87
2217	-6.83	6.18	13.78	-519.87	-109.72	-4471.64	-20.31	-2106.89	743.80
2218	-5.92	6.17	13.78	-352.02	-164.57	-5305.85	-60.68	-1841.89	703.88
2219	-5.01	6.17	13.78	-150.60	-113.24	-5917.81	-250.01	-1359.46	550.55
2220	-4.10	6.17	13.78	-82.37	-102.59	-6149.62	-322.44	-736.82	312.78
2221	-3.19	6.16	13.78	-300.10	-165.29	-5991.51	-227.26	-183.29	104.20
2222	-2.28	6.16	13.78	-527.74	-199.34	-5589.33	-130.45	126.96	-3.08
2223	-1.37	6.16	13.78	-614.89	-170.57	-5182.65	-79.64	245.31	-52.78
2224	-0.46	6.15	13.78	-651.50	-152.47	-4894.18	-28.09	314.71	-87.56
2225	-13.61	7.28	13.78	-103.79	173.90	-390.67	57.65	-317.88	-112.56
2226	-12.73	7.27	13.78	-269.82	144.65	-610.94	87.24	-547.58	3.20
2227	-11.86	7.27	13.78	-447.63	110.00	-833.52	128.91	-775.33	113.05
2228	-10.98	7.27	13.78	-626.24	68.01	-1086.30	179.81	-1029.54	235.52
2229	-10.10	7.27	13.78	-784.67	19.06	-1417.91	230.50	-1321.69	381.90
2230	-9.22	7.27	13.78	-889.17	-33.92	-1886.68	263.61	-1641.71	554.33
2231	-8.34	7.27	13.78	-894.08	-80.69	-2542.83	251.54	-1943.98	734.56
2232	-7.47	7.26	13.78	-762.79	-107.68	-3401.77	173.16	-2139.26	881.76
2233	-6.59	7.26	13.78	-426.15	-39.93	-4243.53	15.05	-2025.28	905.88
2234	-5.71	7.26	13.78	-444.47	-94.51	-5022.32	-60.96	-1836.64	890.47
2235	-4.83	7.26	13.78	-231.26	-118.47	-5685.43	-221.97	-1473.00	797.91
2236	-3.95	7.26	13.78	-59.12	-81.33	-6039.43	-279.32	-927.60	580.06
2237	-3.07	7.26	13.78	-177.85	-86.14	-6040.35	-258.94	-364.05	340.16
2238	-2.20	7.25	13.78	-452.79	-151.81	-5750.73	-166.34	41.96	164.88
2239	-1.32	7.25	13.78	-569.29	-169.59	-5361.99	-105.11	193.12	84.16
2240	-0.44	7.25	13.78	-608.70	-182.52	-5089.93	-52.12	278.43	39.72
2241	-15.28	3.97	12.09	-128.55	175.68	-820.44	32.93	-382.39	-48.94
2242	-14.29	3.97	12.09	-275.33	158.22	-957.19	47.37	-654.27	18.95
2243	-13.30	3.97	12.09	-413.19	139.88	-1144.44	60.49	-909.16	79.41
2244	-12.32	3.97	12.09	-533.75	119.64	-1388.84	71.99	-1162.90	137.52
2245	-11.33	3.97	12.09	-614.59	97.16	-1715.67	77.66	-1417.03	195.69
2246	-10.35	3.96	12.09	-625.49	72.67	-2150.40	70.53	-1647.18	250.98
2247	-9.36	3.96	12.09	-546.74	48.44	-2682.39	44.14	-1798.09	293.34
2248	-8.38	3.96	12.09	-431.87	15.77	-3287.55	0.93	-1844.91	313.00
2249	-7.39	3.96	12.09	-220.60	-9.49	-3883.76	-65.61	-1721.06	290.92
2250	-6.41	3.96	12.09	-99.17	-46.33	-4373.67	-123.08	-1438.99	225.56
2251	-5.42	3.96	12.09	-15.35	-65.35	-4675.36	-169.89	-1064.12	125.72
2252	-4.43	3.96	12.09	-23.86	-87.23	-4767.68	-186.11	-650.59	0.76
2253	-3.45	3.95	12.09	-133.33	-115.41	-4659.43	-167.16	-276.71	-122.40
2254	-2.46	3.95	12.09	-266.47	-127.10	-4420.13	-124.68	-13.70	-217.38
2255	-1.48	3.95	12.09	-374.86	-126.12	-4151.74	-74.15	152.83	-278.00
2256	-0.49	3.95	12.09	-446.98	-122.47	-3904.58	-22.52	263.15	-308.97
2257	-14.95	5.10	12.09	-130.96	175.96	-850.55	42.59	-407.34	-70.54
2258	-13.99	5.10	12.09	-272.13	157.57	-984.06	64.02	-671.04	17.28
2259	-13.02	5.09	12.09	-403.42	138.76	-1170.26	83.53	-918.49	97.82
2260	-12.06	5.09	12.09	-516.98	118.79	-1413.93	101.20	-1163.29	176.70
2261	-11.09	5.09	12.09	-592.82	97.77	-1736.73	112.20	-1406.19	257.05
2262	-10.13	5.08	12.09	-604.77	76.95	-2160.29	108.29	-1625.04	335.75
2263	-9.16	5.08	12.09	-536.91	59.37	-2674.07	81.83	-1771.49	401.19
2264	-8.20	5.08	12.09	-440.73	35.61	-3262.96	36.15	-1829.41	442.94
2265	-7.23	5.07	12.09	-240.36	31.83	-3855.26	-34.00	-1730.40	441.75
2266	-6.27	5.07	12.09	-123.32	14.17	-4361.96	-100.36	-1481.43	390.76
2267	-5.31	5.07	12.09	-40.08	-5.85	-4705.52	-150.16	-1139.86	299.98
2268	-4.34	5.06	12.09	-32.84	-10.41	-4861.09	-184.66	-755.51	185.09
2269	-3.38	5.06	12.09	-100.46	-16.12	-4831.23	-179.34	-386.58	57.08
2270	-2.41	5.06	12.09	-219.68	-27.58	-4659.16	-133.07	-92.98	-49.90
2271	-1.45	5.05	12.09	-328.02	-29.14	-4423.08	-79.12	105.56	-115.52
2272	-0.48	5.05	12.09	-401.32	-26.15	-4186.20	-31.03	243.40	-149.97
2273	-14.55	6.20	12.09	-132.94	175.45	-886.74	53.80	-437.66	-87.72
2274	-13.61	6.20	12.09	-265.93	154.79	-1015.85	81.84	-689.24	18.72
2275	-12.67	6.20	12.09	-387.79	134.34	-1198.89	107.50	-925.53	118.42
2276	-11.73	6.19	12.09	-491.59	113.23	-1438.65	130.81	-1156.99	217.17
2277	-10.80	6.19	12.09	-560.52	91.96	-1752.18	146.72	-1383.61	318.36



Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
2278	-9.86	6.19	12.09	-573.50	72.69	-2156.64	146.40	-1586.54	418.69
2279	-8.92	6.18	12.09	-518.96	58.67	-2647.29	121.59	-1728.03	505.12
2280	-7.98	6.18	12.09	-421.96	45.34	-3200.46	80.21	-1780.51	571.59
2281	-7.04	6.18	12.09	-278.67	43.50	-3772.13	15.14	-1715.43	600.98
2282	-6.10	6.17	12.09	-134.26	55.10	-4283.97	-79.85	-1507.41	570.01
2283	-5.16	6.17	12.09	-51.13	50.37	-4659.87	-126.33	-1196.58	489.68
2284	-4.22	6.17	12.09	-39.94	52.03	-4867.33	-155.55	-842.13	388.23
2285	-3.29	6.16	12.09	-73.96	58.98	-4908.17	-166.15	-491.90	273.43
2286	-2.35	6.16	12.09	-164.04	55.52	-4808.65	-138.76	-180.93	163.72
2287	-1.41	6.16	12.09	-273.53	44.90	-4616.81	-91.15	51.55	85.16
2288	-0.47	6.15	12.09	-348.64	42.08	-4394.49	-42.62	215.14	39.73
2289	-14.07	7.27	12.09	-134.01	173.77	-930.07	66.49	-471.77	-99.75
2290	-13.16	7.27	12.09	-256.03	149.33	-1053.23	100.41	-707.76	23.34
2291	-12.25	7.27	12.09	-365.86	126.21	-1230.50	131.25	-928.87	140.37
2292	-11.35	7.27	12.09	-457.81	102.80	-1462.41	159.08	-1142.96	256.91
2293	-10.44	7.27	12.09	-518.50	80.10	-1761.27	178.87	-1349.22	375.90
2294	-9.53	7.27	12.09	-531.91	60.82	-2140.42	182.39	-1532.79	494.39
2295	-8.62	7.26	12.09	-487.97	48.50	-2600.16	162.56	-1664.71	602.58
2296	-7.72	7.26	12.09	-390.26	48.08	-3106.66	117.52	-1706.88	684.38
2297	-6.81	7.26	12.09	-304.52	35.32	-3641.65	64.36	-1669.99	738.71
2298	-5.90	7.26	12.09	-141.77	56.79	-4145.94	-19.02	-1506.26	738.82
2299	-4.99	7.26	12.09	-58.75	82.82	-4542.00	-77.13	-1227.29	686.86
2300	-4.08	7.26	12.09	-41.08	96.65	-4786.46	-127.56	-906.47	607.98
2301	-3.18	7.26	12.09	-57.14	106.36	-4886.02	-144.70	-581.31	507.54
2302	-2.27	7.25	12.09	-111.76	116.02	-4855.55	-135.03	-274.59	404.43
2303	-1.36	7.25	12.09	-209.49	113.04	-4723.33	-96.31	-16.56	317.05
2304	-0.45	7.25	12.09	-282.22	114.69	-4530.27	-50.97	174.62	261.33
2305	-15.70	3.97	10.41	-152.82	130.66	-1316.92	26.22	-496.20	-38.62
2306	-14.68	3.97	10.41	-265.83	119.90	-1360.27	43.28	-740.83	22.78
2307	-13.67	3.97	10.41	-356.13	109.91	-1472.65	55.33	-967.31	80.69
2308	-12.66	3.97	10.41	-420.43	99.72	-1648.74	62.70	-1173.53	134.93
2309	-11.65	3.96	10.41	-450.40	88.95	-1888.78	64.14	-1353.56	184.92
2310	-10.63	3.96	10.41	-438.06	77.46	-2191.18	57.42	-1493.39	228.45
2311	-9.62	3.96	10.41	-384.66	64.19	-2548.42	40.99	-1575.80	261.67
2312	-8.61	3.96	10.41	-287.00	51.12	-2934.10	13.56	-1574.47	278.21
2313	-7.60	3.96	10.41	-186.51	34.78	-3310.47	-18.93	-1480.84	273.99
2314	-6.58	3.96	10.41	-84.60	19.28	-3631.57	-54.38	-1297.19	245.96
2315	-5.57	3.96	10.41	-27.58	-0.40	-3857.61	-82.17	-1040.62	195.58
2316	-4.56	3.96	10.41	-18.93	-17.72	-3964.28	-97.57	-753.77	131.60
2317	-3.54	3.95	10.41	-53.84	-31.66	-3958.36	-96.87	-471.01	62.94
2318	-2.53	3.95	10.41	-123.30	-44.28	-3861.60	-80.00	-218.98	-0.14
2319	-1.52	3.95	10.41	-203.21	-52.41	-3706.78	-51.63	-14.24	-48.45
2320	-0.51	3.95	10.41	-274.31	-55.15	-3529.55	-17.93	147.33	-77.94
2321	-15.38	5.10	10.41	-156.08	131.85	-1351.44	34.62	-519.20	-53.64
2322	-14.39	5.09	10.41	-262.85	118.99	-1392.96	58.10	-753.55	23.99
2323	-13.40	5.09	10.41	-347.51	107.81	-1502.66	75.47	-970.74	98.98
2324	-12.41	5.09	10.41	-407.06	97.47	-1675.09	87.14	-1168.14	170.61
2325	-11.41	5.09	10.41	-434.45	87.72	-1909.45	91.69	-1339.84	238.11
2326	-10.42	5.08	10.41	-423.24	78.73	-2203.39	86.69	-1473.32	298.94
2327	-9.43	5.08	10.41	-374.89	69.89	-2550.28	70.50	-1553.74	348.95
2328	-8.44	5.08	10.41	-284.67	64.34	-2926.03	41.65	-1556.67	381.23
2329	-7.44	5.07	10.41	-193.20	56.39	-3297.40	5.23	-1475.29	390.66
2330	-6.45	5.07	10.41	-95.77	52.00	-3624.34	-34.94	-1311.17	373.75
2331	-5.46	5.07	10.41	-35.06	48.22	-3870.71	-69.40	-1075.20	330.62
2332	-4.47	5.06	10.41	-17.01	42.11	-4009.10	-88.72	-802.60	269.44
2333	-3.47	5.06	10.41	-41.80	36.58	-4040.08	-92.89	-526.84	202.08
2334	-2.48	5.06	10.41	-96.62	32.33	-3980.49	-81.68	-272.97	136.74
2335	-1.49	5.05	10.41	-166.64	27.84	-3856.30	-55.93	-55.28	82.48
2336	-0.50	5.05	10.41	-233.97	25.21	-3696.35	-22.15	123.44	46.66
2337	-14.99	6.20	10.41	-159.10	132.71	-1391.54	44.67	-546.53	-63.93
2338	-14.03	6.20	10.41	-257.56	116.76	-1430.99	73.87	-766.92	28.12
2339	-13.06	6.19	10.41	-334.71	103.47	-1536.43	96.16	-971.45	118.61
2340	-12.09	6.19	10.41	-387.95	91.98	-1702.61	111.88	-1156.70	206.36
2341	-11.12	6.19	10.41	-411.72	82.21	-1927.65	119.62	-1316.88	290.29
2342	-10.16	6.18	10.41	-401.06	74.58	-2208.66	116.94	-1441.11	367.63
2343	-9.19	6.18	10.41	-356.34	69.23	-2537.95	102.50	-1515.59	434.64
2344	-8.22	6.18	10.41	-279.60	67.98	-2897.36	73.94	-1523.34	483.75
2345	-7.25	6.17	10.41	-189.42	69.49	-3256.31	35.09	-1452.30	507.97
2346	-6.29	6.17	10.41	-104.97	71.65	-3580.20	-2.37	-1306.01	506.96
2347	-5.32	6.17	10.41	-42.02	78.64	-3836.90	-42.83	-1094.87	480.34
2348	-4.35	6.16	10.41	-14.49	84.33	-4001.48	-70.25	-841.71	429.92
2349	-3.39	6.16	10.41	-28.34	87.79	-4066.47	-79.86	-576.55	368.16
2350	-2.42	6.16	10.41	-69.78	90.52	-4042.88	-74.27	-325.67	306.17
2351	-1.45	6.15	10.41	-126.69	91.97	-3951.28	-54.48	-100.21	251.58
2352	-0.48	6.15	10.41	-188.60	91.11	-3813.14	-25.41	93.57	211.73
2353	-14.53	7.27	10.41	-161.43	132.80	-1437.83	56.51	-576.53	-68.73
2354	-13.59	7.27	10.41	-249.50	112.91	-1474.64	90.32	-779.94	35.56
2355	-12.65	7.27	10.41	-317.40	96.57	-1574.16	116.73	-968.43	139.30
2356	-11.72	7.27	10.41	-363.09	82.91	-1731.21	136.02	-1138.39	241.14
2357	-10.78	7.27	10.41	-382.31	72.10	-1943.06	146.69	-1284.10	339.48
2358	-9.84	7.27	10.41	-371.24	64.65	-2206.21	146.57	-1396.03	431.67
2359	-8.90	7.26	10.41	-329.96	61.36	-2511.73	134.00	-1461.76	513.36
2360	-7.97	7.26	10.41	-266.61	61.25	-2847.21	109.40	-1471.82	579.92
2361	-7.03	7.26	10.41	-178.60	71.34	-3185.30	71.10	-1409.83	622.55
2362	-6.09	7.26	10.41	-107.02	81.41	-3495.31	31.74	-1279.47	639.43
2363	-5.15	7.26	10.41	-44.51	93.41	-3750.72	-9.26	-1094.35	630.38
2364	-4.22	7.26	10.41	-10.86	107.42	-3932.06	-38.51	-864.16	596.99
2365	-3.28	7.26	10.41	-12.93	120.45	-4024.35	-56.28	-615.04	549.45
2366	-2.34	7.25	10.41	-42.69	129.37	-4032.97	-58.44	-371.38	496.19
2367	-1.41	7.25	10.41	-86.07	135.69	-3971.92	-48.09	-144.83	446.05
2368	-0.47	7.25	10.41	-140.24	136.63	-3857.87	-27.16	58.51	404.93
2369	-16.12	3.97	8.72	-173.29	66.07	-1752.01	15.27	-584.68	-21.67
2370	-15.08	3.97	8.72	-263.52	58.57	-1721.52	32.58	-790.02	28.70
2371	-14.04	3.97	8.72	-330.49	52.94	-1753.95	45.30	-979.72	78.91
2372	-13.00	3.96	8.72	-372.12	48.49	-1844.45	53.38	-1145.41	126.84
2373	-11.96	3.96	8.72	-385.91	44.63	-1988.19	56.37	-1279.51	170.67
2374	-10.92	3.96	8.72	-370.52	40.82	-2178.98	53.63	-1373.67	208.50
2375	-9.88	3.96	8.72	-326.53	36.89	-2405.59	44.62	-1417.45	237.93
2376	-8.84	3.96	8.72	-263.49	31.94	-2651.29	30.12	-1402.96	256.56

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
2377	-7.80	3.96	8.72	-188.72	26.37	-2892.92	11.15	-1325.05	262.00
2378	-6.76	3.96	8.72	-122.03	19.23	-3105.12	-8.59	-1186.60	253.32
2379	-5.72	3.96	8.72	-72.78	11.77	-3264.88	-26.08	-1000.09	231.63
2380	-4.68	3.96	8.72	-52.46	3.33	-3357.72	-37.49	-782.16	199.76
2381	-3.64	3.95	8.72	-62.57	-4.94	-3379.14	-40.77	-554.67	162.79
2382	-2.60	3.95	8.72	-96.90	-11.74	-3337.07	-35.47	-335.34	126.05
2383	-1.56	3.95	8.72	-147.12	-16.79	-3246.00	-22.55	-134.87	94.30
2384	-0.52	3.95	8.72	-203.34	-19.54	-3121.95	-4.36	42.75	71.13
2385	-15.81	5.10	8.72	-177.77	68.60	-1783.76	21.02	-604.22	-29.13
2386	-14.79	5.09	8.72	-262.00	58.78	-1754.03	43.83	-799.23	33.67
2387	-13.77	5.09	8.72	-323.96	51.46	-1785.17	61.22	-979.36	97.45
2388	-12.75	5.09	8.72	-361.90	46.05	-1872.55	73.03	-1136.72	159.48
2389	-11.73	5.08	8.72	-373.77	42.09	-2011.34	78.74	-1264.02	217.47
2390	-10.71	5.08	8.72	-358.67	39.25	-2195.45	77.60	-1353.47	269.17
2391	-9.69	5.08	8.72	-317.27	37.63	-2414.21	68.99	-1395.55	311.74
2392	-8.67	5.07	8.72	-258.60	36.26	-2652.50	53.60	-1383.45	342.33
2393	-7.65	5.07	8.72	-188.07	36.02	-2889.52	32.83	-1312.27	358.17
2394	-6.63	5.07	8.72	-124.26	35.45	-3102.08	10.24	-1183.80	357.99
2395	-5.61	5.07	8.72	-75.09	34.77	-3268.48	-10.63	-1009.02	342.74
2396	-4.59	5.06	8.72	-51.22	34.04	-3374.78	-26.18	-802.12	314.90
2397	-3.57	5.06	8.72	-54.51	32.85	-3414.62	-33.04	-581.67	279.23
2398	-2.55	5.06	8.72	-81.62	31.36	-3392.20	-30.58	-364.28	241.92
2399	-1.53	5.05	8.72	-124.78	30.12	-3318.60	-20.01	-161.15	208.14
2400	-0.51	5.05	8.72	-175.94	29.05	-3207.21	-3.44	23.06	181.59
2401	-15.44	6.20	8.72	-182.36	71.24	-1819.16	28.48	-626.86	-32.04
2402	-14.44	6.19	8.72	-258.93	58.48	-1790.68	56.00	-808.46	41.43
2403	-13.44	6.19	8.72	-314.50	48.81	-1819.89	77.46	-976.15	117.07
2404	-12.45	6.19	8.72	-347.66	41.66	-1902.58	92.68	-1122.45	191.72
2405	-11.45	6.19	8.72	-356.91	36.80	-2034.02	101.07	-1240.49	262.72
2406	-10.46	6.18	8.72	-341.74	34.12	-2208.04	101.88	-1323.02	327.52
2407	-9.46	6.18	8.72	-303.54	33.70	-2415.09	94.37	-1362.04	382.98
2408	-8.47	6.18	8.72	-248.47	35.24	-2641.11	79.31	-1350.85	426.10
2409	-7.47	6.17	8.72	-184.78	38.65	-2868.12	58.52	-1286.15	454.39
2410	-6.47	6.17	8.72	-123.45	43.89	-3075.63	33.69	-1168.81	465.50
2411	-5.48	6.17	8.72	-75.70	49.25	-3244.16	10.92	-1006.88	459.71
2412	-4.48	6.16	8.72	-49.14	54.80	-3359.58	-7.47	-813.24	440.27
2413	-3.49	6.16	8.72	-46.13	59.79	-3414.95	-18.49	-603.09	410.93
2414	-2.49	6.16	8.72	-65.53	63.47	-3411.01	-20.41	-390.79	377.02
2415	-1.49	6.15	8.72	-101.38	65.67	-3355.04	-14.09	-187.98	344.07
2416	-0.50	6.15	8.72	-146.44	66.48	-3257.68	-1.38	0.03	315.97
2417	-14.98	7.27	8.72	-186.63	73.51	-1858.37	37.86	-651.19	-29.72
2418	-14.02	7.27	8.72	-253.98	57.49	-1831.34	68.87	-816.88	52.45
2419	-13.05	7.27	8.72	-301.88	44.77	-1858.03	93.57	-969.39	137.77
2420	-12.08	7.27	8.72	-329.39	35.12	-1934.45	111.71	-1102.13	223.02
2421	-11.12	7.27	8.72	-335.44	28.57	-2055.98	122.53	-1208.58	305.17
2422	-10.15	7.26	8.72	-319.89	25.05	-2216.59	125.28	-1282.10	381.41
2423	-9.18	7.26	8.72	-284.74	24.55	-2407.82	119.58	-1316.27	448.92
2424	-8.22	7.26	8.72	-233.47	27.71	-2616.70	105.48	-1304.61	504.20
2425	-7.25	7.26	8.72	-177.02	32.72	-2827.93	85.64	-1245.35	544.87
2426	-6.28	7.26	8.72	-119.40	40.83	-3024.28	61.22	-1139.16	568.82
2427	-5.32	7.26	8.72	-74.07	50.76	-3188.65	37.18	-990.75	575.73
2428	-4.35	7.26	8.72	-45.74	61.04	-3306.90	15.84	-812.10	567.73
2429	-3.38	7.25	8.72	-37.78	70.44	-3372.42	1.30	-614.98	547.88
2430	-2.42	7.25	8.72	-49.68	78.38	-3383.18	-5.65	-411.65	521.13
2431	-1.45	7.25	8.72	-78.23	83.71	-3343.29	-4.77	-213.01	492.01
2432	-0.48	7.25	8.72	-116.71	86.56	-3260.11	2.18	-25.19	464.52
2433	-16.54	3.97	7.03	-192.18	-7.86	-2119.77	2.46	-659.27	-1.87
2434	-15.47	3.97	7.03	-270.44	-14.38	-2032.17	18.95	-831.56	39.41
2435	-14.41	3.97	7.03	-329.60	-18.29	-1992.04	32.80	-987.88	81.80
2436	-13.34	3.96	7.03	-366.03	-19.85	-1999.89	43.26	-1119.22	122.80
2437	-12.27	3.96	7.03	-378.09	-19.68	-2053.55	49.63	-1219.09	160.48
2438	-11.20	3.96	7.03	-366.02	-18.35	-2147.57	51.48	-1281.97	193.23
2439	-10.14	3.96	7.03	-333.07	-16.52	-2273.03	48.74	-1303.33	219.64
2440	-9.07	3.96	7.03	-284.31	-14.64	-2417.18	41.77	-1279.57	238.36
2441	-8.00	3.96	7.03	-228.88	-13.33	-2564.55	31.79	-1209.89	248.42
2442	-6.94	3.96	7.03	-175.18	-12.71	-2698.47	20.30	-1097.11	249.44
2443	-5.87	3.96	7.03	-133.05	-13.11	-2803.89	9.43	-948.05	241.92
2444	-4.80	3.96	7.03	-108.42	-14.17	-2869.69	1.07	-773.52	227.43
2445	-3.73	3.95	7.03	-104.39	-15.70	-2890.73	-3.24	-585.31	208.34
2446	-2.67	3.95	7.03	-120.22	-17.33	-2867.54	-2.80	-394.99	187.57
2447	-1.60	3.95	7.03	-152.13	-18.55	-2805.52	2.17	-211.27	167.93
2448	-0.53	3.95	7.03	-195.56	-19.10	-2712.43	10.70	-39.07	151.65
2449	-16.25	5.09	7.03	-197.95	-3.67	-2144.95	4.92	-674.76	-2.02
2450	-15.20	5.09	7.03	-270.48	-12.21	-2060.81	25.93	-837.38	49.03
2451	-14.15	5.09	7.03	-324.83	-18.00	-2022.13	44.02	-984.93	102.32
2452	-13.10	5.08	7.03	-357.84	-21.21	-2029.15	58.09	-1108.93	154.75
2453	-12.05	5.08	7.03	-368.13	-22.22	-2079.79	67.32	-1203.16	203.92
2454	-11.01	5.08	7.03	-356.04	-21.38	-2168.91	71.12	-1262.36	247.85
2455	-9.96	5.08	7.03	-324.68	-19.24	-2288.28	69.37	-1282.34	284.78
2456	-8.91	5.07	7.03	-278.56	-16.06	-2426.18	62.46	-1259.78	313.10
2457	-7.86	5.07	7.03	-226.10	-12.53	-2568.45	51.60	-1193.92	331.57
2458	-6.81	5.07	7.03	-174.64	-8.82	-2699.79	38.50	-1087.25	339.57
2459	-5.76	5.06	7.03	-133.23	-5.41	-2806.21	25.46	-945.54	337.40
2460	-4.72	5.06	7.03	-107.40	-2.51	-2876.70	14.67	-778.27	326.62
2461	-3.67	5.06	7.03	-100.43	-0.19	-2905.52	7.78	-596.05	309.63
2462	-2.62	5.06	7.03	-112.05	1.52	-2891.90	5.80	-409.38	289.32
2463	-1.57	5.05	7.03	-139.59	2.67	-2839.40	8.69	-226.66	268.74
2464	-0.52	5.05	7.03	-179.17	3.38	-2754.12	15.58	-53.28	250.38
2465	-15.88	6.19	7.03	-204.26	1.04	-2171.36	9.15	-692.19	1.85
2466	-14.86	6.19	7.03	-269.59	-9.82	-2091.69	33.92	-842.57	61.09
2467	-13.83	6.19	7.03	-317.99	-17.95	-2054.71	55.47	-978.96	123.72
2468	-12.81	6.19	7.03	-346.70	-23.38	-2060.42	72.64	-1093.46	186.17
2469	-11.78	6.18	7.03	-354.70	-26.19	-2106.76	84.48	-1180.18	245.70
2470	-10.76	6.18	7.03	-342.48	-26.55	-2189.03	90.26	-1234.24	299.98
2471	-9.73	6.18	7.03	-312.71	-24.80	-2299.65	89.84	-1251.69	347.04
2472	-8.71	6.17	7.03	-269.94	-21.24	-2428.20	83.60	-1229.81	385.09
2473	-7.68	6.17	7.03	-220.73	-16.29	-2561.96	72.59	-1167.75	412.62
2474	-6.66	6.17	7.03	-172.56	-10.49	-2687.25	58.90	-1067.64	428.93
2475	-5.63	6.17	7.03	-132.47	-4.17	-2791.24	44.35	-934.50	434.17

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
2476	-4.61	6.16	7.03	-106.04	2.02	-2863.63	31.47	-776.15	429.40
2477	-3.59	6.16	7.03	-96.45	7.60	-2898.11	22.06	-601.93	416.90
2478	-2.56	6.16	7.03	-103.94	12.23	-2892.77	17.20	-421.23	399.46
2479	-1.54	6.15	7.03	-126.76	15.63	-2849.51	17.12	-241.83	379.91
2480	-0.51	6.15	7.03	-162.01	17.63	-2772.63	21.14	-69.46	360.75
2481	-15.44	7.27	7.03	-210.66	5.71	-2198.98	15.38	-710.50	10.27
2482	-14.45	7.27	7.03	-267.54	-7.42	-2124.49	42.74	-846.50	75.97
2483	-13.45	7.27	7.03	-308.93	-18.34	-2089.50	66.88	-969.54	146.05
2484	-12.45	7.27	7.03	-332.69	-26.45	-2093.40	86.54	-1072.58	216.77
2485	-11.46	7.26	7.03	-338.02	-31.61	-2134.23	100.55	-1150.08	284.98
2486	-10.46	7.26	7.03	-325.48	-33.88	-2207.77	108.15	-1197.50	348.21
2487	-9.46	7.26	7.03	-297.35	-33.39	-2307.13	109.14	-1211.26	404.37
2488	-8.47	7.26	7.03	-258.17	-30.56	-2423.21	104.03	-1189.26	451.65
2489	-7.47	7.26	7.03	-212.71	-25.38	-2544.89	93.63	-1130.70	488.39
2490	-6.48	7.26	7.03	-168.37	-18.61	-2660.20	79.93	-1037.24	513.64
2491	-5.48	7.26	7.03	-130.37	-10.84	-2757.72	64.72	-913.39	527.34
2492	-4.48	7.26	7.03	-104.18	-2.75	-2828.19	50.42	-765.29	530.28
2493	-3.49	7.25	7.03	-92.57	4.99	-2865.02	38.61	-601.00	524.28
2494	-2.49	7.25	7.03	-96.42	11.61	-2865.53	30.71	-428.66	511.60
2495	-1.49	7.25	7.03	-114.58	16.68	-2830.07	27.04	-255.38	494.86
2496	-0.50	7.25	7.03	-145.18	19.75	-2761.45	27.32	-86.87	476.27
2497	-16.96	3.97	5.34	-214.78	-89.68	-2440.51	-10.79	-730.54	19.09
2498	-15.87	3.97	5.34	-291.46	-96.21	-2301.75	5.41	-882.85	55.72
2499	-14.77	3.96	5.34	-352.85	-99.02	-2191.96	21.15	-1011.79	92.15
2500	-13.68	3.96	5.34	-392.79	-98.31	-2120.97	34.79	-1111.75	126.40
2501	-12.59	3.96	5.34	-408.30	-94.66	-2092.04	44.94	-1179.82	157.21
2502	-11.49	3.96	5.34	-400.36	-88.93	-2102.98	50.94	-1214.75	183.78
2503	-10.40	3.96	5.34	-372.68	-81.94	-2146.85	52.72	-1215.69	205.52
2504	-9.30	3.96	5.34	-331.21	-74.51	-2213.38	50.73	-1182.25	221.90
2505	-8.21	3.96	5.34	-282.79	-67.26	-2290.36	45.81	-1114.99	232.50
2506	-7.11	3.96	5.34	-234.95	-60.70	-2365.19	39.14	-1016.26	237.18
2507	-6.02	3.96	5.34	-194.29	-55.04	-2426.33	32.00	-890.62	236.21
2508	-4.92	3.95	5.34	-166.19	-50.45	-2464.76	25.69	-744.46	230.38
2509	-3.83	3.95	5.34	-153.77	-46.82	-2474.80	21.23	-585.41	220.93
2510	-2.74	3.95	5.34	-157.94	-44.00	-2454.48	19.26	-420.97	209.39
2511	-1.64	3.95	5.34	-177.85	-41.82	-2404.94	19.94	-257.65	197.32
2512	-0.55	3.95	5.34	-211.51	-40.10	-2329.46	22.94	-100.20	186.05
2513	-16.68	5.09	5.34	-221.23	-83.49	-2457.33	-11.97	-741.31	25.50
2514	-15.60	5.09	5.34	-292.38	-91.84	-2325.44	8.07	-885.11	70.85
2515	-14.53	5.08	5.34	-348.94	-96.74	-2220.22	27.95	-1006.77	116.61
2516	-13.45	5.08	5.34	-385.51	-98.34	-2151.10	45.41	-1101.02	160.35
2517	-12.37	5.08	5.34	-399.38	-96.83	-2121.29	58.84	-1164.95	200.44
2518	-11.30	5.08	5.34	-391.49	-92.80	-2129.01	67.35	-1197.29	235.86
2519	-10.22	5.07	5.34	-365.17	-86.89	-2168.05	70.74	-1197.20	265.82
2520	-9.15	5.07	5.34	-325.92	-79.86	-2229.08	69.48	-1164.40	289.64
2521	-8.07	5.07	5.34	-279.95	-72.29	-2300.90	64.46	-1099.44	306.77
2522	-6.99	5.07	5.34	-234.22	-64.74	-2371.85	56.99	-1004.46	316.94
2523	-5.92	5.06	5.34	-194.77	-57.59	-2431.07	48.50	-883.57	320.34
2524	-4.84	5.06	5.34	-166.69	-51.15	-2469.87	40.46	-742.48	317.66
2525	-3.77	5.06	5.34	-153.05	-45.59	-2482.42	34.10	-588.07	310.14
2526	-2.69	5.06	5.34	-155.04	-41.02	-2466.17	30.23	-427.28	299.35
2527	-1.61	5.05	5.34	-172.17	-37.44	-2421.43	29.12	-266.32	286.90
2528	-0.54	5.05	5.34	-202.94	-34.88	-2350.62	30.58	-109.98	274.24
2529	-16.32	6.19	5.34	-228.45	-76.26	-2472.84	-11.38	-752.78	35.06
2530	-15.27	6.19	5.34	-292.72	-86.52	-2349.50	11.75	-885.95	87.78
2531	-14.22	6.19	5.34	-343.41	-93.90	-2249.98	34.85	-998.45	141.60
2532	-13.16	6.18	5.34	-375.83	-98.27	-2183.20	55.51	-1085.37	193.73
2533	-12.11	6.18	5.34	-387.66	-99.45	-2152.24	71.80	-1143.89	242.20
2534	-11.06	6.18	5.34	-379.73	-97.73	-2155.75	82.64	-1172.67	285.78
2535	-10.00	6.18	5.34	-355.04	-93.62	-2188.37	87.72	-1170.94	323.54
2536	-8.95	6.17	5.34	-318.38	-87.70	-2241.83	87.48	-1138.48	354.69
2537	-7.90	6.17	5.34	-275.51	-80.56	-2306.14	82.84	-1075.93	378.60
2538	-6.85	6.17	5.34	-232.46	-72.74	-2370.74	75.07	-985.23	394.86
2539	-5.79	6.16	5.34	-194.88	-64.78	-2425.70	65.75	-869.94	403.52
2540	-4.74	6.16	5.34	-167.32	-57.12	-2462.81	56.37	-735.14	405.18
2541	-3.69	6.16	5.34	-152.80	-50.14	-2476.27	48.26	-586.87	400.91
2542	-2.63	6.16	5.34	-152.70	-44.18	-2463.06	42.36	-431.41	392.16
2543	-1.58	6.15	5.34	-166.91	-39.46	-2422.71	39.12	-274.55	380.47
2544	-0.53	6.15	5.34	-194.38	-36.13	-2356.82	38.49	-121.03	367.25
2545	-15.90	7.27	5.34	-235.96	-68.57	-2486.87	-8.78	-764.25	48.11
2546	-14.87	7.27	5.34	-292.27	-80.60	-2373.53	16.36	-884.92	106.67
2547	-13.85	7.27	5.34	-336.18	-90.76	-2280.82	41.81	-986.53	167.09
2548	-12.82	7.26	5.34	-363.92	-98.16	-2216.84	64.91	-1064.71	226.25
2549	-11.80	7.26	5.34	-373.43	-102.37	-2184.58	83.44	-1116.66	281.86
2550	-10.77	7.26	5.34	-365.38	-103.49	-2183.11	96.23	-1140.92	332.52
2551	-9.74	7.26	5.34	-342.42	-101.84	-2207.95	102.93	-1136.87	377.28
2552	-8.72	7.26	5.34	-308.68	-97.85	-2251.98	103.88	-1104.41	415.27
2553	-7.69	7.26	5.34	-269.37	-92.07	-2306.49	100.00	-1044.22	445.75
2554	-6.67	7.26	5.34	-229.60	-85.00	-2362.22	92.47	-958.08	468.24
2555	-5.64	7.26	5.34	-194.49	-77.20	-2410.33	82.81	-849.06	482.67
2556	-4.62	7.26	5.34	-168.03	-69.24	-2443.26	72.50	-721.58	489.43
2557	-3.59	7.25	5.34	-153.13	-61.69	-2455.47	62.92	-580.84	489.37
2558	-2.56	7.25	5.34	-151.23	-55.00	-2443.65	55.07	-432.42	483.72
2559	-1.54	7.25	5.34	-162.59	-49.59	-2406.74	49.54	-281.59	473.80
2560	-0.51	7.25	5.34	-186.52	-45.73	-2345.57	46.50	-132.90	460.88
2561	12.23	8.10	17.16	-0.52	-123.92	46.92	64.64	-82.93	10.59
2562	11.83	8.70	17.16	-12.39	-125.40	48.64	75.27	-87.33	8.09
2563	11.44	8.10	17.16	25.51	-135.90	-20.82	81.83	-56.10	-21.88
2564	11.07	8.70	17.16	10.46	-136.51	-19.57	95.90	-58.21	-24.72
2565	10.65	8.10	17.16	23.84	-148.04	-58.21	94.56	-15.37	-23.57
2566	10.30	8.70	17.16	7.43	-148.33	-59.48	111.85	-17.93	-26.03
2567	9.86	8.10	17.16	-14.41	-169.77	-87.73	97.79	41.09	-5.66
2568	9.54	8.70	17.16	-29.00	-169.39	-90.20	118.51	38.16	-7.24
2569	9.07	8.10	17.16	-101.79	-210.37	-126.39	84.51	120.49	30.73
2570	8.78	8.70	17.16	-110.21	-208.07	-129.59	109.98	113.42	27.66
2571	8.28	8.10	17.16	-256.77	-281.21	-195.20	44.99	237.93	92.05
2572	8.01	8.70	17.16	-253.70	-274.55	-196.14	78.77	223.48	84.34
2573	7.49	8.10	17.16	-509.95	-400.15	-331.15	-28.28	422.11	189.63
2574	7.25	8.70	17.16	-497.79	-373.86	-321.00	13.14	405.00	164.75

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
2575	6.70	8.10	17.16	-937.59	-532.34	-590.76	-130.88	748.65	280.31
2576	6.49	8.70	17.16	-937.22	-548.41	-597.71	-137.08	771.35	323.61
2577	5.92	8.10	17.16	-1862.15	-809.97	-1329.42	-403.56	1626.94	569.58
2578	5.72	8.70	17.16	-1699.33	-879.92	-1357.85	-481.27	1583.39	685.01
2579	5.13	8.10	17.16	-3775.52	-1626.93	-5367.17	-879.37	4346.06	1230.74
2580	4.96	8.70	17.16	-2954.25	-2137.16	-4263.86	-1297.17	3324.78	2590.58
2581	4.34	8.10	17.16	-1328.32	-1200.82	-8644.48	178.63	1351.94	293.02
2582	4.20	8.70	17.16	-2424.58	-2129.11	-7702.83	-663.61	2381.57	2106.46
2583	3.55	8.10	17.16	-1072.68	-1106.79	-6814.24	224.34	168.21	-905.66
2584	3.43	8.70	17.16	-1284.92	-1126.08	-8135.75	174.90	942.96	105.53
2585	2.76	8.10	17.16	-1224.64	-1121.06	-6337.74	95.88	1243.13	-841.30
2586	2.67	8.70	17.16	-1190.35	-1070.42	-7654.78	68.25	647.48	-75.80
2587	1.97	8.10	17.16	-951.79	-1227.66	-7678.04	45.75	346.04	-200.08
2588	1.91	8.70	17.16	-1058.02	-1212.21	-7968.19	118.01	320.64	-160.62
2589	1.18	8.10	17.16	-1218.84	-930.62	-5433.82	-42.47	-2475.21	-361.28
2590	1.14	8.70	17.16	-1279.60	-990.49	-5687.06	-10.49	-2396.36	-444.27
2591	0.39	8.10	17.16	-629.51	-269.69	-2009.24	8.78	-519.87	-215.18
2592	0.38	8.70	17.16	-665.99	-436.42	-2312.50	43.18	-419.00	-461.19
2593	12.70	8.10	15.47	-42.30	-30.31	81.74	29.85	-19.21	1.15
2594	12.31	8.70	15.47	-49.40	-30.49	81.17	33.71	-15.39	-3.38
2595	11.88	8.10	15.47	-138.81	-33.72	-85.41	26.99	63.36	5.20
2596	11.52	8.70	15.47	-145.95	-32.79	-85.63	28.90	66.89	6.09
2597	11.06	8.10	15.47	-254.05	-49.98	-204.29	6.29	165.45	25.03
2598	10.73	8.70	15.47	-258.38	-50.38	-207.86	6.66	166.99	30.41
2599	10.24	8.10	15.47	-390.78	-77.55	-312.45	-28.21	298.79	68.29
2600	9.93	8.70	15.47	-391.02	-79.92	-319.03	-29.04	297.05	77.59
2601	9.42	8.10	15.47	-551.21	-118.00	-446.09	-73.99	475.72	140.31
2602	9.14	8.70	15.47	-545.02	-121.49	-453.76	-74.73	465.95	151.41
2603	8.60	8.10	15.47	-733.59	-174.20	-649.33	-125.48	710.79	247.33
2604	8.34	8.70	15.47	-722.14	-175.45	-651.68	-126.80	689.67	258.78
2605	7.78	8.10	15.47	-930.59	-244.03	-984.56	-168.16	1021.57	390.39
2606	7.55	8.70	15.47	-920.16	-241.19	-974.49	-178.59	991.56	404.92
2607	6.96	8.10	15.47	-1124.24	-329.39	-1569.02	-183.49	1432.78	566.40
2608	6.75	8.70	15.47	-1105.01	-301.36	-1537.91	-211.65	1394.29	590.08
2609	6.14	8.10	15.47	-1164.73	-354.62	-2635.82	-103.68	1904.13	709.03
2610	5.96	8.70	15.47	-1149.42	-339.59	-2537.58	-188.83	1844.92	822.42
2611	5.32	8.10	15.47	-374.51	-108.43	-3648.28	187.77	1656.93	637.54
2612	5.16	8.70	15.47	-672.21	-94.63	-3702.78	147.47	1858.31	648.36
2613	4.51	8.10	15.47	-523.95	-177.91	-4549.43	256.47	1540.33	468.28
2614	4.37	8.70	15.47	-417.88	-2.72	-4722.04	434.44	1617.92	443.03
2615	3.69	8.10	15.47	-727.21	-337.37	-5429.58	254.27	1054.69	197.18
2616	3.58	8.70	15.47	-603.27	-228.88	-5560.25	266.06	1160.61	276.70
2617	2.87	8.10	15.47	-653.38	-443.87	-5659.55	96.92	554.18	-39.06
2618	2.78	8.70	15.47	-624.32	-301.33	-5943.28	189.58	689.10	19.36
2619	2.05	8.10	15.47	-460.44	-465.42	-5384.82	127.05	98.18	-215.24
2620	1.99	8.70	15.47	-537.04	-368.17	-5795.41	208.66	132.25	-139.40
2621	1.23	8.10	15.47	-815.05	-581.64	-5053.18	144.85	-68.60	-292.44
2622	1.19	8.70	15.47	-869.26	-527.56	-5568.41	252.31	66.25	-372.25
2623	0.41	8.10	15.47	-1583.09	-764.95	-4775.10	52.46	-40.86	-396.74
2624	0.40	8.70	15.47	-1573.72	-760.80	-5486.61	95.22	14.75	-602.92
2625	13.17	8.10	13.78	-70.69	4.59	-87.18	17.37	114.75	-31.37
2626	12.80	8.70	13.78	-76.61	5.22	-99.83	17.68	125.44	-36.07
2627	12.32	8.10	13.78	-179.05	8.27	-259.70	11.44	246.88	19.20
2628	11.97	8.70	13.78	-181.66	8.93	-267.83	8.73	253.28	22.70
2629	11.47	8.10	13.78	-296.67	6.04	-418.86	-3.93	379.78	69.01
2630	11.15	8.70	13.78	-294.24	5.74	-426.72	-9.46	381.86	79.57
2631	10.62	8.10	13.78	-418.79	-2.79	-583.21	-27.40	527.48	127.19
2632	10.32	8.70	13.78	-410.89	-3.96	-591.93	-35.44	524.72	144.26
2633	9.77	8.10	13.78	-535.92	-16.46	-780.35	-53.62	696.86	199.37
2634	9.49	8.70	13.78	-521.86	-18.18	-789.25	-63.84	686.02	221.57
2635	8.92	8.10	13.78	-634.53	-32.06	-1043.38	-74.47	887.90	286.73
2636	8.67	8.70	13.78	-615.86	-33.94	-1048.35	-88.18	867.44	315.40
2637	8.07	8.10	13.78	-694.98	-45.39	-1408.08	-79.01	1089.53	384.28
2638	7.84	8.70	13.78	-674.65	-44.96	-1401.77	-97.31	1059.76	421.12
2639	7.22	8.10	13.78	-684.14	-44.45	-1897.81	-51.68	1262.48	473.44
2640	7.02	8.70	13.78	-670.88	-43.65	-1870.36	-78.27	1227.42	522.59
2641	6.37	8.10	13.78	-576.49	-26.08	-2437.33	9.68	1311.70	520.52
2642	6.19	8.70	13.78	-587.51	-9.43	-2404.75	-14.10	1301.61	569.53
2643	5.52	8.10	13.78	-619.40	-49.76	-3024.56	52.79	1343.47	517.95
2644	5.37	8.70	13.78	-555.50	-4.72	-2975.90	12.76	1315.94	616.83
2645	4.67	8.10	13.78	-469.80	0.32	-3607.97	111.50	1255.39	468.63
2646	4.54	8.70	13.78	-481.19	26.00	-3564.06	13.55	1254.49	629.55
2647	3.82	8.10	13.78	-342.30	41.79	-4110.10	145.60	1062.64	395.74
2648	3.72	8.70	13.78	-356.24	102.90	-4098.11	117.77	1087.45	578.85
2649	2.97	8.10	13.78	-368.59	31.74	-4471.89	175.59	767.70	289.60
2650	2.89	8.70	13.78	-348.43	107.11	-4506.77	149.67	819.07	471.34
2651	2.12	8.10	13.78	-521.21	-11.76	-4668.11	119.45	554.64	192.89
2652	2.06	8.70	13.78	-472.51	95.61	-4776.60	116.31	612.25	349.80
2653	1.27	8.10	13.78	-602.70	-43.57	-4818.02	60.98	450.51	126.13
2654	1.24	8.70	13.78	-547.83	99.50	-4972.88	50.12	462.84	298.35
2655	0.42	8.10	13.78	-583.33	-56.60	-5050.78	3.00	401.70	107.67
2656	0.41	8.70	13.78	-514.56	127.26	-5200.67	-6.44	392.01	304.48
2657	13.64	8.10	12.09	-110.70	-5.23	-379.30	27.59	231.82	-58.86
2658	13.28	8.70	12.09	-116.87	-3.32	-399.04	26.89	244.20	-61.48
2659	12.76	8.10	12.09	-206.27	2.30	-507.72	21.23	382.29	4.74
2660	12.42	8.70	12.09	-208.01	2.89	-521.33	17.35	386.19	9.44
2661	11.88	8.10	12.09	-304.76	8.25	-646.68	11.48	522.45	68.34
2662	11.57	8.70	12.09	-300.07	7.35	-657.32	5.11	519.04	79.33
2663	11.00	8.10	12.09	-395.34	13.24	-802.72	-0.04	655.83	132.62
2664	10.71	8.70	12.09	-384.60	11.29	-812.00	-8.80	646.59	150.08
2665	10.12	8.10	12.09	-471.36	17.22	-989.32	-11.47	785.61	199.64
2666	9.85	8.70	12.09	-454.53	14.57	-997.83	-22.37	769.31	222.81
2667	9.24	8.10	12.09	-523.43	22.00	-1220.11	-18.94	908.12	268.85
2668	9.00	8.70	12.09	-501.90	19.22	-1225.92	-32.58	884.71	298.91
2669	8.36	8.10	12.09	-543.68	30.54	-1503.31	-18.09	1013.16	336.26
2670	8.14	8.70	12.09	-520.32	27.96	-1503.10	-35.09	984.42	374.61
2671	7.48	8.10	12.09	-532.07	43.75	-1833.06	-8.00	1085.27	394.67
2672	7.28	8.70	12.09	-509.59	42.27	-1826.00	-28.25	1054.83	442.56
2673	6.60	8.10	12.09	-510.97	59.37	-2208.61	7.24	1127.49	440.85

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
2674	6.43	8.70	12.09	-483.84	57.26	-2190.29	-19.91	1092.77	505.58
2675	5.72	8.10	12.09	-433.90	89.02	-2606.79	31.14	1107.86	472.26
2676	5.57	8.70	12.09	-426.04	84.96	-2579.13	2.00	1081.41	547.92
2677	4.84	8.10	12.09	-389.91	104.49	-2997.73	51.06	1030.52	483.41
2678	4.71	8.70	12.09	-367.56	113.06	-2963.66	35.20	1013.52	565.45
2679	3.96	8.10	12.09	-353.54	122.41	-3353.06	66.41	915.70	471.94
2680	3.86	8.70	12.09	-328.18	132.23	-3321.35	35.74	905.14	569.50
2681	3.08	8.10	12.09	-321.58	143.04	-3670.58	61.22	782.51	451.50
2682	3.00	8.70	12.09	-294.90	162.34	-3643.63	38.01	775.08	571.82
2683	2.20	8.10	12.09	-298.17	157.63	-3950.18	51.09	625.78	430.96
2684	2.14	8.70	12.09	-263.40	183.68	-3927.48	29.34	619.76	571.61
2685	1.32	8.10	12.09	-290.36	165.30	-4186.51	20.27	464.05	423.22
2686	1.29	8.70	12.09	-246.83	193.01	-4169.76	6.33	455.47	570.26
2687	0.44	8.10	12.09	-269.29	170.47	-4386.17	-18.42	301.36	436.23
2688	0.43	8.70	12.09	-227.01	192.97	-4370.19	-27.13	281.15	584.82
2689	14.11	8.10	10.41	-149.12	-47.36	-698.95	60.29	334.47	-78.59
2690	13.76	8.70	10.41	-158.21	-43.45	-714.59	58.85	344.35	-77.65
2691	13.20	8.10	10.41	-257.10	-37.82	-779.09	51.05	492.18	-17.57
2692	12.88	8.70	10.41	-256.57	-35.31	-788.61	48.74	488.97	-12.21
2693	12.29	8.10	10.41	-343.48	-23.04	-866.71	45.57	622.92	45.27
2694	11.99	8.70	10.41	-336.40	-23.51	-874.21	40.61	610.49	55.72
2695	11.38	8.10	10.41	-421.02	-10.58	-974.64	37.55	735.60	110.70
2696	11.10	8.70	10.41	-406.83	-12.79	-981.42	30.88	716.21	125.92
2697	10.47	8.10	10.41	-478.27	1.27	-1108.93	29.42	827.87	175.43
2698	10.21	8.70	10.41	-457.43	-2.30	-1116.34	21.29	802.59	195.22
2699	9.56	8.10	10.41	-510.91	13.28	-1277.35	22.88	900.70	238.38
2700	9.32	8.70	10.41	-485.47	8.87	-1284.24	12.79	870.98	264.05
2701	8.65	8.10	10.41	-519.11	26.19	-1482.03	19.39	953.28	298.17
2702	8.44	8.70	10.41	-491.40	21.61	-1486.12	7.27	920.89	330.62
2703	7.74	8.10	10.41	-505.69	40.24	-1721.91	19.65	983.25	352.78
2704	7.55	8.70	10.41	-477.30	35.58	-1720.56	5.02	948.93	392.83
2705	6.83	8.10	10.41	-469.09	56.67	-1988.47	24.02	982.29	399.31
2706	6.66	8.70	10.41	-443.50	52.86	-1980.46	8.01	949.12	446.85
2707	5.92	8.10	10.41	-427.95	72.78	-2270.65	30.03	950.18	434.96
2708	5.77	8.70	10.41	-400.28	70.42	-2255.69	12.37	918.65	492.25
2709	5.01	8.10	10.41	-374.28	93.22	-2555.83	36.22	886.83	459.86
2710	4.88	8.70	10.41	-350.70	89.43	-2534.98	14.00	857.98	529.83
2711	4.10	8.10	10.41	-323.31	111.80	-2832.82	37.69	791.74	477.08
2712	4.00	8.70	10.41	-299.32	110.15	-2806.28	19.07	767.32	558.34
2713	3.19	8.10	10.41	-277.37	127.76	-3089.02	35.37	671.91	489.12
2714	3.11	8.70	10.41	-251.47	126.38	-3059.08	16.89	651.10	579.13
2715	2.28	8.10	10.41	-234.76	141.61	-3320.15	24.74	535.30	500.03
2716	2.22	8.70	10.41	-207.78	140.92	-3287.32	10.47	515.92	598.45
2717	1.37	8.10	10.41	-191.46	151.47	-3524.98	10.34	382.75	513.63
2718	1.33	8.70	10.41	-163.60	152.38	-3487.74	0.46	363.64	620.49
2719	0.46	8.10	10.41	-148.59	156.29	-3700.88	-7.82	214.94	533.80
2720	0.44	8.70	10.41	-119.73	159.23	-3657.19	-11.91	195.17	646.50
2721	14.58	8.10	8.72	-254.27	-135.18	-1030.47	100.60	451.53	-94.33
2722	14.25	8.70	8.72	-255.52	-125.32	-1029.73	106.11	453.90	-92.91
2723	13.64	8.10	8.72	-327.76	-95.44	-1056.04	112.74	606.87	-47.84
2724	13.33	8.70	8.72	-329.19	-92.12	-1048.99	109.23	593.66	-39.35
2725	12.70	8.10	8.72	-453.35	-74.29	-1079.27	101.07	740.92	20.41
2726	12.41	8.70	8.72	-438.35	-73.20	-1072.62	99.05	711.13	28.63
2727	11.76	8.10	8.72	-535.37	-54.10	-1107.23	88.58	818.29	85.87
2728	11.49	8.70	8.72	-508.74	-55.46	-1107.92	86.65	782.78	97.57
2729	10.82	8.10	8.72	-577.48	-37.16	-1171.85	76.45	865.01	149.54
2730	10.57	8.70	8.72	-544.56	-40.93	-1178.76	73.44	828.01	165.29
2731	9.88	8.10	8.72	-589.23	-22.45	-1276.24	65.28	892.66	210.60
2732	9.65	8.70	8.72	-553.88	-27.70	-1285.92	60.47	855.51	231.44
2733	8.94	8.10	8.72	-577.97	-8.69	-1416.78	56.03	904.49	268.15
2734	8.73	8.70	8.72	-542.75	-14.82	-1425.83	49.46	867.96	294.62
2735	8.00	8.10	8.72	-548.46	4.84	-1587.49	49.29	899.11	320.71
2736	7.81	8.70	8.72	-515.15	-2.03	-1593.56	41.06	863.53	352.91
2737	7.05	8.10	8.72	-506.77	18.40	-1781.46	44.80	874.67	367.13
2738	6.89	8.70	8.72	-475.54	11.04	-1782.70	34.95	840.23	405.87
2739	6.11	8.10	8.72	-454.66	32.59	-1990.44	42.04	828.65	407.07
2740	5.97	8.70	8.72	-426.81	24.93	-1985.83	31.05	796.15	452.72
2741	5.17	8.10	8.72	-399.34	45.89	-2205.72	39.64	759.95	440.61
2742	5.06	8.70	8.72	-373.28	38.81	-2194.83	29.05	730.11	492.91
2743	4.23	8.10	8.72	-342.12	58.88	-2418.64	37.06	670.06	468.24
2744	4.14	8.70	8.72	-318.21	51.61	-2401.93	26.12	642.87	527.51
2745	3.29	8.10	8.72	-286.17	70.48	-2622.42	32.60	559.87	491.60
2746	3.22	8.70	8.72	-263.89	63.56	-2599.98	23.30	535.44	557.89
2747	2.35	8.10	8.72	-232.92	79.74	-2810.34	26.73	431.47	512.90
2748	2.30	8.70	8.72	-211.80	73.02	-2782.34	19.23	409.62	585.07
2749	1.41	8.10	8.72	-182.98	86.40	-2977.27	19.14	287.15	534.34
2750	1.38	8.70	8.72	-163.33	79.45	-2943.45	14.57	267.44	610.75
2751	0.47	8.10	8.72	-136.02	89.92	-3118.48	11.60	127.87	557.40
2752	0.46	8.70	8.72	-118.71	82.36	-3078.05	10.64	110.50	636.30
2753	15.05	8.10	7.03	-192.12	-237.29	-1439.97	260.70	567.34	-162.80
2754	14.73	8.70	7.03	-232.49	-230.38	-1398.99	226.53	562.83	-135.28
2755	14.08	8.10	7.03	-642.15	-195.05	-1407.50	200.08	899.76	-51.55
2756	13.78	8.70	7.03	-601.93	-182.09	-1348.23	210.66	828.48	-62.01
2757	13.11	8.10	7.03	-772.80	-137.39	-1236.31	172.65	922.13	8.54
2758	12.83	8.70	7.03	-708.83	-131.93	-1214.95	185.89	852.82	6.84
2759	12.14	8.10	7.03	-798.59	-102.60	-1168.81	150.79	904.89	71.97
2760	11.88	8.70	7.03	-733.01	-102.76	-1169.78	161.21	848.38	78.38
2761	11.17	8.10	7.03	-781.12	-81.25	-1173.12	130.17	885.96	134.47
2762	10.93	8.70	7.03	-720.71	-85.47	-1184.94	136.09	838.98	146.75
2763	10.20	8.10	7.03	-743.67	-65.99	-1228.08	110.68	867.42	193.78
2764	9.98	8.70	7.03	-689.87	-71.89	-1244.09	112.99	826.34	211.22
2765	9.22	8.10	7.03	-694.95	-53.32	-1320.86	93.73	845.40	249.00
2766	9.03	8.70	7.03	-647.84	-60.30	-1336.98	93.42	808.35	271.38
2767	8.25	8.10	7.03	-638.86	-42.17	-1442.64	79.64	815.65	299.40
2768	8.08	8.70	7.03	-597.99	-50.13	-1456.41	77.24	781.25	326.44
2769	7.28	8.10	7.03	-577.49	-31.70	-1586.01	68.36	774.21	344.65
2770	7.13	8.70	7.03	-542.31	-40.22	-1595.70	64.61	741.92	376.36
2771	6.31	8.10	7.03	-513.46	-21.76	-1743.97	59.60	718.41	384.69
2772	6.18	8.70	7.03	-483.12	-30.76	-1748.55	55.00	688.15	421.14

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
2773	5.34	8.10	7.03	-448.24	-12.24	-1909.68	52.84	646.76	419.70
2774	5.23	8.70	7.03	-422.39	-21.79	-1908.64	47.65	618.63	461.03
2775	4.37	8.10	7.03	-384.32	-3.68	-2076.64	47.23	558.49	450.28
2776	4.28	8.70	7.03	-362.18	-13.48	-2069.71	42.35	532.79	496.30
2777	3.40	8.10	7.03	-323.15	3.65	-2238.59	42.45	454.18	477.24
2778	3.33	8.70	7.03	-304.27	-6.46	-2225.85	38.25	431.04	527.50
2779	2.43	8.10	7.03	-266.18	9.33	-2390.13	38.15	334.65	501.47
2780	2.38	8.70	7.03	-250.23	-1.03	-2371.67	35.39	314.28	555.39
2781	1.46	8.10	7.03	-214.56	12.88	-2526.16	34.67	201.14	523.82
2782	1.43	8.70	7.03	-201.35	2.34	-2502.16	33.79	183.86	580.49
2783	0.49	8.10	7.03	-169.68	14.05	-2641.97	32.51	55.30	544.80
2784	0.48	8.70	7.03	-159.14	3.31	-2612.72	33.85	41.56	603.04
2785	15.52	8.10	5.34	-2145.10	-689.32	-2546.94	253.04	1767.80	-93.72
2786	15.21	8.70	5.34	-1831.74	-597.44	-2237.86	522.89	1479.23	-216.90
2787	14.52	8.10	5.34	-1717.68	-315.84	-1466.95	237.80	1212.01	-48.37
2788	14.23	8.70	5.34	-1465.66	-256.12	-1415.20	359.13	1062.90	-77.98
2789	13.52	8.10	5.34	-1415.44	-185.54	-1223.63	231.55	992.14	17.18
2790	13.25	8.70	5.34	-1231.35	-172.17	-1226.21	298.68	906.93	5.76
2791	12.52	8.10	5.34	-1203.07	-141.68	-1135.69	208.95	885.67	78.44
2792	12.27	8.70	5.34	-1069.25	-142.65	-1152.86	244.89	829.97	82.66
2793	11.52	8.10	5.34	-1049.33	-122.26	-1118.71	179.11	827.56	138.18
2794	11.29	8.70	5.34	-950.78	-128.21	-1141.86	198.54	786.42	149.71
2795	10.51	8.10	5.34	-929.33	-109.78	-1146.84	150.13	787.70	193.07
2796	10.31	8.70	5.34	-853.64	-116.79	-1171.39	161.14	753.50	209.62
2797	9.51	8.10	5.34	-827.91	-99.68	-1208.19	125.29	751.98	243.23
2798	9.32	8.70	5.34	-768.30	-107.60	-1231.55	131.43	721.69	264.09
2799	8.51	8.10	5.34	-736.99	-91.17	-1295.31	104.75	712.89	288.70
2800	8.34	8.70	5.34	-689.44	-100.12	-1315.89	107.69	684.87	313.21
2801	7.51	8.10	5.34	-652.71	-83.45	-1402.08	88.29	665.81	329.60
2802	7.36	8.70	5.34	-614.37	-93.07	-1418.66	89.31	639.36	357.65
2803	6.51	8.10	5.34	-573.20	-76.30	-1522.79	75.53	607.95	366.25
2804	6.38	8.70	5.34	-542.27	-86.60	-1534.62	75.38	582.90	397.76
2805	5.51	8.10	5.34	-498.23	-69.92	-1651.93	65.86	537.62	398.93
2806	5.40	8.70	5.34	-473.35	-80.78	-1658.55	65.17	514.12	433.77
2807	4.51	8.10	5.34	-428.06	-64.43	-1784.11	58.77	454.13	427.99
2808	4.42	8.70	5.34	-408.30	-75.82	-1785.39	57.99	432.43	465.95
2809	3.50	8.10	5.34	-363.52	-60.11	-1914.29	53.79	357.41	453.81
2810	3.44	8.70	5.34	-348.10	-71.93	-1910.27	53.40	337.85	494.59
2811	2.50	8.10	5.34	-305.51	-57.20	-2037.67	50.68	248.05	476.82
2812	2.45	8.70	5.34	-293.83	-69.37	-2028.59	51.04	231.01	519.93
2813	1.50	8.10	5.34	-255.05	-55.90	-2149.94	49.36	127.15	497.33
2814	1.47	8.70	5.34	-246.64	-68.35	-2136.19	50.81	113.08	542.16
2815	0.50	8.10	5.34	-213.21	-56.40	-2247.21	49.96	-3.70	515.41
2816	0.49	8.70	5.34	-207.65	-69.06	-2229.36	52.71	-14.28	561.24
2817	-0.39	8.10	17.16	-761.36	-303.11	-2184.77	46.67	853.03	-207.90
2818	-0.38	8.70	17.16	-777.08	-463.40	-2481.08	19.74	719.10	-445.04
2819	-1.18	8.10	17.16	-1664.31	-1108.14	-6367.72	100.09	3125.47	-365.16
2820	-1.14	8.70	17.16	-1680.39	-1153.39	-6621.66	72.40	3014.00	-439.85
2821	-1.97	8.10	17.16	-1259.11	-1509.15	-9560.30	-4.46	156.78	-218.94
2822	-1.91	8.70	17.16	-1376.16	-1473.20	-9851.90	-89.88	146.91	-160.61
2823	-2.76	8.10	17.16	-1670.69	-1502.02	-8742.46	-62.81	-1133.90	-1194.49
2824	-2.67	8.70	17.16	-1659.03	-1431.76	-10525.30	-52.45	-296.75	-73.14
2825	-3.55	8.10	17.16	-1706.32	-1661.84	-10604.40	-284.09	363.83	-1279.21
2826	-3.43	8.70	17.16	-1921.27	-1677.03	-12375.70	-247.10	-841.94	194.81
2827	-4.34	8.10	17.16	-2200.61	-2004.39	-14841.70	-280.18	-1676.49	530.55
2828	-4.20	8.70	17.16	-4132.11	-3388.66	-12788.40	1203.51	-3469.93	3652.90
2829	-5.13	8.10	17.16	-7263.01	-2734.37	-9615.92	1538.06	-7693.48	2298.43
2830	-4.96	8.70	17.16	-5716.29	-3383.98	-7420.78	2312.23	-5733.13	4616.95
2831	-5.92	8.10	17.16	-3909.10	-1190.18	-2366.59	779.96	-2925.32	1085.86
2832	-5.72	8.70	17.16	-3575.24	-1264.72	-2371.61	941.21	-2803.10	1267.40
2833	-6.70	8.10	17.16	-2231.75	-702.65	-1057.66	295.36	-1375.75	560.05
2834	-6.49	8.70	17.16	-2213.33	-689.29	-1047.90	344.68	-1412.13	622.51
2835	-7.49	8.10	17.16	-1423.08	-484.74	-605.98	112.66	-828.20	403.93
2836	-7.25	8.70	17.16	-1381.17	-404.74	-569.67	68.38	-783.51	338.22
2837	-8.28	8.10	17.16	-899.46	-281.63	-359.24	-30.97	-508.98	210.61
2838	-8.01	8.70	17.16	-880.90	-248.52	-353.17	-63.58	-475.86	189.65
2839	-9.07	8.10	17.16	-541.42	-164.77	-234.54	-114.32	-299.90	84.32
2840	-8.78	8.70	17.16	-550.73	-146.50	-237.38	-135.96	-286.15	76.65
2841	-9.86	8.10	17.16	-303.45	-103.01	-167.42	-147.84	-157.24	2.94
2842	-9.54	8.70	17.16	-328.27	-93.67	-171.72	-165.66	-154.10	-1.35
2843	-10.65	8.10	17.16	-155.46	-78.41	-120.82	-147.82	-55.71	-49.37
2844	-10.30	8.70	17.16	-184.92	-74.82	-123.81	-164.70	-56.49	-55.44
2845	-11.44	8.10	17.16	-74.74	-77.62	-64.08	-125.85	16.43	-76.60
2846	-11.07	8.70	17.16	-102.79	-78.79	-63.11	-142.06	12.54	-84.29
2847	-12.23	8.10	17.16	-44.65	-87.95	46.80	-88.82	59.12	-69.25
2848	-11.83	8.70	17.16	-66.65	-94.61	49.32	-103.88	55.62	-77.64
2849	-0.41	8.10	15.47	-1624.99	-796.08	-5098.41	-50.46	766.61	-389.42
2850	-0.40	8.70	15.47	-1616.34	-791.20	-5813.44	-99.25	682.88	-594.74
2851	-1.23	8.10	15.47	-850.76	-651.65	-5980.69	-146.87	729.97	-268.77
2852	-1.19	8.70	15.47	-910.67	-585.64	-6499.70	-266.02	565.96	-334.61
2853	-2.05	8.10	15.47	-540.54	-572.95	-6890.59	-128.20	469.89	-188.00
2854	-1.99	8.70	15.47	-620.38	-447.60	-7338.56	-228.72	426.26	-65.89
2855	-2.87	8.10	15.47	-793.41	-587.64	-7834.64	-121.71	-69.57	60.43
2856	-2.78	8.70	15.47	-712.30	-380.13	-8108.65	-239.15	-299.78	145.80
2857	-3.69	8.10	15.47	-827.70	-477.38	-8189.11	-389.49	-912.35	464.13
2858	-3.58	8.70	15.47	-645.95	-314.23	-8197.40	-389.53	-1115.29	577.03
2859	-4.51	8.10	15.47	-492.37	-235.93	-7270.77	-393.61	-2001.21	996.53
2860	-4.37	8.70	15.47	-293.51	23.87	-7374.19	-702.35	-2097.52	872.04
2861	-5.32	8.10	15.47	-165.63	-164.24	-6100.16	-249.33	-2433.52	1289.32
2862	-5.16	8.70	15.47	-693.73	-170.06	-6053.21	-185.82	-2752.37	1239.07
2863	-6.14	8.10	15.47	-1742.04	-644.20	-4571.69	277.58	-3153.72	1430.62
2864	-5.96	8.70	15.47	-1686.75	-590.11	-4286.84	422.43	-3001.34	1565.81
2865	-6.96	8.10	15.47	-1802.78	-593.66	-2773.21	448.34	-2488.63	1171.04
2866	-6.75	8.70	15.47	-1734.99	-520.12	-2644.64	483.06	-2377.40	1160.05
2867	-7.78	8.10	15.47	-1551.47	-411.64	-1767.17	432.74	-1857.58	828.65
2868	-7.55	8.70	15.47	-1501.14	-397.84	-1705.80	439.71	-1771.41	822.57
2869	-8.60	8.10	15.47	-1265.14	-260.21	-1181.31	356.19	-1360.61	540.09
2870	-8.34	8.70	15.47	-1213.64	-260.89	-1162.67	352.19	-1301.43	542.26
2871	-9.42	8.10	15.47	-976.71	-137.64	-826.09	255.65	-971.10	314.42

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
2872	-9.14	8.70	15.47	-939.14	-146.84	-830.33	256.27	-943.20	324.60
2873	-10.24	8.10	15.47	-707.51	-47.93	-600.46	162.33	-672.13	150.37
2874	-9.93	8.70	15.47	-686.99	-57.19	-610.55	166.64	-666.47	160.96
2875	-11.06	8.10	15.47	-467.95	16.29	-429.98	88.11	-444.99	33.33
2876	-10.73	8.70	15.47	-460.00	9.79	-438.42	92.13	-451.63	38.93
2877	-11.88	8.10	15.47	-259.79	61.19	-252.76	37.28	-270.56	-50.41
2878	-11.52	8.70	15.47	-261.42	57.23	-256.82	39.23	-284.82	-51.58
2879	-12.70	8.10	15.47	-82.50	88.98	-4.44	14.47	-125.94	-117.04
2880	-12.31	8.70	15.47	-88.40	85.18	-8.38	13.64	-144.31	-127.46
2881	-0.42	8.10	13.78	-545.69	-58.07	-5299.50	-71.12	237.55	133.48
2882	-0.41	8.70	13.78	-475.78	130.98	-5440.36	-79.86	201.57	339.26
2883	-1.27	8.10	13.78	-514.76	-51.71	-5556.01	-134.28	131.33	206.89
2884	-1.24	8.70	13.78	-454.78	103.17	-5686.33	-138.85	73.38	403.85
2885	-2.12	8.10	13.78	-371.84	-24.19	-5870.21	-207.37	-81.14	346.52
2886	-2.06	8.70	13.78	-310.00	100.64	-5922.28	-213.13	-197.32	538.91
2887	-2.97	8.10	13.78	-131.81	19.82	-6058.69	-282.92	-496.51	538.17
2888	-2.89	8.70	13.78	-113.42	108.24	-5994.64	-252.47	-600.61	773.20
2889	-3.82	8.10	13.78	-43.73	24.78	-5914.92	-229.40	-1073.11	750.47
2890	-3.72	8.70	13.78	-77.37	100.76	-5775.16	-191.27	-1127.44	990.67
2891	-4.67	8.10	13.78	-220.51	-64.30	-5485.48	-152.97	-1531.07	905.31
2892	-4.54	8.70	13.78	-261.98	-30.58	-5290.35	8.17	-1537.60	1120.41
2893	-5.52	8.10	13.78	-514.54	-156.30	-4822.21	-28.48	-1856.80	1028.05
2894	-5.37	8.70	13.78	-412.72	-77.98	-4618.68	29.23	-1802.12	1138.24
2895	-6.37	8.10	13.78	-467.43	-103.25	-4035.48	80.07	-1969.84	1050.64
2896	-6.19	8.70	13.78	-496.17	-81.61	-3877.36	104.49	-1933.83	1083.37
2897	-7.22	8.10	13.78	-737.54	-119.29	-3237.31	215.75	-2040.03	967.46
2898	-7.02	8.70	13.78	-713.26	-125.46	-3113.30	246.99	-1953.61	1014.80
2899	-8.07	8.10	13.78	-849.23	-100.21	-2454.10	284.84	-1849.56	797.23
2900	-7.84	8.70	13.78	-803.25	-105.70	-2392.80	303.51	-1774.22	833.84
2901	-8.92	8.10	13.78	-829.12	-50.66	-1854.20	287.25	-1570.67	603.24
2902	-8.67	8.70	13.78	-781.33	-60.94	-1833.70	302.01	-1517.72	634.48
2903	-9.77	8.10	13.78	-730.57	4.24	-1419.61	251.82	-1283.69	422.24
2904	-9.49	8.70	13.78	-688.78	-6.16	-1421.43	264.86	-1254.63	448.96
2905	-10.62	8.10	13.78	-587.35	56.63	-1101.57	199.35	-1018.44	264.82
2906	-10.32	8.70	13.78	-556.55	47.10	-1113.63	212.38	-1009.39	286.99
2907	-11.47	8.10	13.78	-424.99	102.20	-851.97	145.56	-782.48	129.29
2908	-11.15	8.70	13.78	-405.72	94.56	-868.17	157.55	-786.79	143.53
2909	-12.32	8.10	13.78	-260.78	139.76	-630.53	100.05	-566.92	4.88
2910	-11.97	8.70	13.78	-252.44	134.37	-649.05	109.86	-581.53	9.68
2911	-13.17	8.10	13.78	-104.77	169.28	-415.15	65.72	-348.45	-124.14
2912	-12.80	8.70	13.78	-104.35	166.58	-438.58	72.46	-372.32	-131.64
2913	-0.44	8.10	12.09	-224.59	171.93	-4572.92	-55.62	137.79	470.39
2914	-0.43	8.70	12.09	-183.32	193.98	-4544.73	-57.07	108.55	622.94
2915	-1.32	8.10	12.09	-152.40	169.73	-4735.95	-93.19	-74.60	527.47
2916	-1.29	8.70	12.09	-112.23	196.93	-4680.50	-87.10	-114.98	685.77
2917	-2.20	8.10	12.09	-74.57	162.87	-4823.26	-118.33	-340.67	608.02
2918	-2.14	8.70	12.09	-49.55	186.95	-4736.68	-100.37	-377.33	764.93
2919	-3.08	8.10	12.09	-36.05	144.91	-4798.99	-110.73	-643.21	700.83
2920	-3.00	8.70	12.09	-23.30	161.21	-4688.90	-87.68	-668.00	835.17
2921	-3.96	8.10	12.09	-41.00	115.47	-4658.99	-90.53	-940.96	786.30
2922	-3.86	8.70	12.09	-31.11	119.65	-4530.46	-54.95	-951.22	891.57
2923	-4.84	8.10	12.09	-72.90	96.67	-4392.80	-36.39	-1229.11	849.83
2924	-4.71	8.70	12.09	-65.09	99.37	-4255.38	-26.14	-1218.46	936.25
2925	-5.72	8.10	12.09	-133.54	84.22	-3998.87	28.72	-1469.98	863.41
2926	-5.57	8.70	12.09	-150.75	64.94	-3875.58	63.46	-1433.16	948.88
2927	-6.60	8.10	12.09	-290.98	47.72	-3523.66	99.41	-1615.79	832.69
2928	-6.43	8.70	12.09	-267.63	35.30	-3424.44	133.04	-1556.99	907.76
2929	-7.48	8.10	12.09	-370.33	39.07	-3023.10	153.01	-1642.26	766.62
2930	-7.28	8.70	12.09	-348.35	29.40	-2955.59	176.18	-1586.58	819.33
2931	-8.36	8.10	12.09	-453.10	38.40	-2550.85	192.32	-1600.62	669.16
2932	-8.14	8.70	12.09	-422.28	27.24	-2510.27	212.35	-1546.34	712.35
2933	-9.24	8.10	12.09	-491.75	48.78	-2122.89	208.53	-1481.62	547.76
2934	-9.00	8.70	12.09	-457.32	37.84	-2108.25	225.50	-1438.16	582.83
2935	-10.12	8.10	12.09	-479.54	68.58	-1766.31	201.94	-1315.72	417.31
2936	-9.85	8.70	12.09	-447.51	57.85	-1769.98	217.34	-1287.48	445.81
2937	-11.00	8.10	12.09	-426.17	92.56	-1481.77	179.91	-1127.41	286.76
2938	-10.71	8.70	12.09	-400.30	82.73	-1497.28	194.49	-1113.74	309.31
2939	-11.88	8.10	12.09	-344.50	118.05	-1258.51	149.38	-929.08	157.90
2940	-11.57	8.70	12.09	-326.54	109.75	-1282.47	162.76	-927.31	172.93
2941	-12.76	8.10	12.09	-245.42	144.21	-1087.55	115.03	-722.18	28.05
2942	-12.42	8.70	12.09	-235.84	138.31	-1117.53	126.51	-732.33	35.27
2943	-13.64	8.10	12.09	-133.98	170.90	-969.72	77.11	-501.60	-105.61
2944	-13.28	8.70	12.09	-132.17	169.11	-1004.29	86.09	-524.26	-107.89
2945	-0.46	8.10	10.41	-102.02	157.06	-3841.04	-26.32	28.55	564.49
2946	-0.44	8.70	10.41	-75.86	159.35	-3787.33	-24.57	7.09	678.64
2947	-1.37	8.10	10.41	-56.10	153.36	-3935.74	-38.89	-177.23	605.02
2948	-1.33	8.70	10.41	-36.63	152.04	-3869.54	-30.37	-196.29	715.81
2949	-2.28	8.10	10.41	-21.24	143.73	-3974.48	-41.22	-400.61	649.63
2950	-2.22	8.70	10.41	-7.46	139.57	-3896.07	-26.71	-413.81	753.32
2951	-3.19	8.10	10.41	-2.31	129.01	-3946.52	-33.59	-633.76	691.85
2952	-3.11	8.70	10.41	6.31	123.21	-3857.66	-13.02	-637.75	788.14
2953	-4.10	8.10	10.41	-6.41	112.73	-3840.88	-10.26	-867.24	724.78
2954	-4.00	8.70	10.41	-2.52	106.18	-3747.17	11.01	-857.56	813.22
2955	-5.01	8.10	10.41	-41.25	92.86	-3655.22	21.92	-1079.44	740.93
2956	-4.88	8.70	10.41	-38.76	83.14	-3566.09	50.04	-1054.65	817.09
2957	-5.92	8.10	10.41	-105.56	71.93	-3405.92	62.29	-1246.96	736.33
2958	-5.77	8.70	10.41	-94.13	65.47	-3326.44	83.22	-1211.47	797.07
2959	-6.83	8.10	10.41	-168.73	61.30	-3111.42	101.64	-1362.20	705.22
2960	-6.66	8.70	10.41	-158.74	52.09	-3048.18	120.76	-1319.32	755.68
2961	-7.74	8.10	10.41	-247.32	52.62	-2796.25	135.51	-1418.41	647.62
2962	-7.55	8.70	10.41	-228.76	41.75	-2752.70	153.93	-1371.25	691.70
2963	-8.65	8.10	10.41	-304.98	50.69	-2485.01	158.08	-1410.44	569.56
2964	-8.44	8.70	10.41	-282.95	39.95	-2461.90	174.03	-1366.71	606.27
2965	-9.56	8.10	10.41	-342.89	53.83	-2200.62	168.52	-1352.48	477.21
2966	-9.32	8.70	10.41	-319.21	43.25	-2195.05	183.18	-1315.29	507.38
2967	-10.47	8.10	10.41	-354.92	61.77	-1954.47	166.82	-1252.25	375.25
2968	-10.21	8.70	10.41	-332.27	52.15	-1962.89	180.34	-1225.06	399.72
2969	-11.38	8.10	10.41	-339.90	73.87	-1755.28	154.26	-1119.64	267.35
2970	-11.10	8.70	10.41	-320.75	65.45	-1774.31	166.99	-1103.38	287.05

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
2971	-12.29	8.10	10.41	-300.73	89.66	-1607.21	132.61	-963.46	156.00
2972	-11.99	8.70	10.41	-286.77	82.94	-1634.33	144.27	-957.68	170.20
2973	-13.20	8.10	10.41	-240.91	109.23	-1513.31	103.30	-789.56	43.05
2974	-12.88	8.70	10.41	-233.03	104.90	-1545.26	113.55	-795.71	51.98
2975	-14.11	8.10	10.41	-162.37	132.06	-1478.45	66.60	-602.08	-68.31
2976	-13.76	8.70	10.41	-161.30	131.56	-1511.92	75.08	-620.97	-65.66
2977	-0.47	8.10	8.72	-94.47	89.61	-3228.51	5.96	-45.35	582.19
2978	-0.46	8.70	8.72	-80.09	81.55	-3181.14	9.19	-59.23	661.63
2979	-1.41	8.10	8.72	-60.92	85.45	-3301.30	4.26	-230.08	607.78
2980	-1.38	8.70	8.72	-49.71	77.16	-3247.24	11.39	-239.39	685.71
2981	-2.35	8.10	8.72	-38.25	78.08	-3330.82	8.18	-422.58	632.20
2982	-2.30	8.70	8.72	-30.58	69.25	-3270.98	18.69	-425.53	706.67
2983	-3.29	8.10	8.72	-30.97	68.30	-3311.67	19.37	-616.61	652.01
2984	-3.22	8.70	8.72	-26.25	58.56	-3248.64	32.07	-611.12	720.98
2985	-4.23	8.10	8.72	-42.13	56.35	-3242.06	36.54	-802.07	663.01
2986	-4.14	8.70	8.72	-38.63	45.68	-3179.69	51.48	-787.24	724.81
2987	-5.17	8.10	8.72	-71.13	44.13	-3125.85	59.06	-967.91	661.15
2988	-5.06	8.70	8.72	-66.74	33.51	-3067.91	73.44	-944.14	716.07
2989	-6.11	8.10	8.72	-113.27	33.44	-2969.71	83.16	-1105.25	643.50
2990	-5.97	8.70	8.72	-108.00	21.56	-2920.93	98.79	-1073.37	692.17
2991	-7.05	8.10	8.72	-167.19	23.43	-2786.30	106.55	-1204.00	609.55
2992	-6.89	8.70	8.72	-157.32	12.08	-2749.59	121.20	-1166.95	651.36
2993	-8.00	8.10	8.72	-219.11	17.26	-2590.58	125.66	-1259.65	559.74
2994	-7.81	8.70	8.72	-206.45	6.71	-2567.48	138.86	-1221.07	595.18
2995	-8.94	8.10	8.72	-266.34	14.55	-2397.93	138.19	-1272.31	495.50
2996	-8.73	8.70	8.72	-250.64	4.96	-2388.41	150.40	-1235.09	525.84
2997	-9.88	8.10	8.72	-299.64	15.71	-2221.68	142.50	-1243.42	419.79
2998	-9.65	8.70	8.72	-282.84	7.16	-2224.70	153.84	-1210.72	445.15
2999	-10.82	8.10	8.72	-315.70	20.54	-2073.36	138.33	-1178.32	336.02
3000	-10.57	8.70	8.72	-299.53	13.32	-2086.33	148.88	-1152.93	357.16
3001	-11.76	8.10	8.72	-312.48	28.82	-1961.05	126.01	-1082.29	246.76
3002	-11.49	8.70	8.72	-298.59	23.09	-1981.47	135.91	-1065.52	264.56
3003	-12.70	8.10	8.72	-289.77	40.72	-1890.51	106.00	-961.60	154.63
3004	-12.41	8.70	8.72	-279.61	36.75	-1916.10	115.09	-953.84	168.65
3005	-13.64	8.10	8.72	-248.46	56.35	-1866.06	79.13	-822.59	62.90
3006	-13.33	8.70	8.72	-243.15	54.41	-1893.49	87.27	-825.59	73.31
3007	-14.58	8.10	8.72	-189.37	75.08	-1891.41	46.10	-671.42	-24.05
3008	-14.25	8.70	8.72	-189.97	76.02	-1917.34	52.96	-685.96	-17.84
3009	-0.49	8.10	7.03	-132.89	12.76	-2733.19	32.48	-100.73	564.41
3010	-0.48	8.70	7.03	-125.06	1.76	-2699.15	36.14	-110.27	622.89
3011	-1.46	8.10	7.03	-106.01	9.09	-2795.76	35.42	-264.16	581.89
3012	-1.43	8.70	7.03	-100.77	-2.21	-2757.81	41.40	-268.56	639.27
3013	-2.43	8.10	7.03	-91.16	3.28	-2826.36	41.99	-430.81	595.68
3014	-2.38	8.70	7.03	-88.00	-8.27	-2786.04	49.99	-429.09	650.70
3015	-3.40	8.10	7.03	-89.81	-4.30	-2823.28	52.15	-595.09	603.80
3016	-3.33	8.70	7.03	-87.92	-15.89	-2782.71	61.78	-586.57	655.46
3017	-4.37	8.10	7.03	-102.38	-12.79	-2787.10	65.52	-750.44	604.09
3018	-4.28	8.70	7.03	-100.71	-24.21	-2748.75	75.93	-734.90	651.83
3019	-5.34	8.10	7.03	-127.81	-21.43	-2720.82	80.64	-889.92	594.73
3020	-5.23	8.70	7.03	-125.32	-32.65	-2687.45	91.62	-867.71	638.01
3021	-6.31	8.10	7.03	-163.73	-29.54	-2630.86	96.01	-1006.30	574.33
3022	-6.18	8.70	7.03	-159.02	-39.91	-2604.70	106.51	-978.76	612.99
3023	-7.28	8.10	7.03	-204.74	-35.85	-2525.77	109.31	-1094.47	542.22
3024	-7.13	8.70	7.03	-197.75	-45.45	-2508.56	119.43	-1063.35	576.65
3025	-8.25	8.10	7.03	-246.76	-40.15	-2415.71	118.79	-1150.71	498.79
3026	-8.08	8.70	7.03	-237.07	-48.77	-2408.20	128.35	-1118.18	529.22
3027	-9.22	8.10	7.03	-283.27	-41.82	-2311.19	122.98	-1173.38	445.09
3028	-9.03	8.70	7.03	-271.66	-49.06	-2313.10	131.78	-1141.79	471.75
3029	-10.20	8.10	7.03	-309.99	-40.71	-2222.00	120.90	-1163.26	382.72
3030	-9.98	8.70	7.03	-297.43	-46.49	-2232.17	129.11	-1134.66	405.70
3031	-11.17	8.10	7.03	-322.98	-36.56	-2156.29	112.14	-1122.08	313.75
3032	-10.93	8.70	7.03	-310.86	-40.74	-2172.58	119.77	-1098.87	333.55
3033	-12.14	8.10	7.03	-319.93	-29.33	-2120.43	96.87	-1052.77	240.11
3034	-11.88	8.70	7.03	-309.60	-31.95	-2140.57	104.03	-1036.30	257.46
3035	-13.11	8.10	7.03	-300.30	-18.98	-2118.24	75.73	-959.75	164.13
3036	-12.83	8.70	7.03	-293.04	-19.93	-2140.05	82.28	-950.66	178.63
3037	-14.08	8.10	7.03	-264.85	-5.69	-2151.47	49.97	-848.44	89.16
3038	-13.78	8.70	7.03	-261.88	-5.03	-2171.94	55.86	-848.52	100.82
3039	-15.05	8.10	7.03	-215.47	9.65	-2221.09	21.27	-725.41	20.01
3040	-14.73	8.70	7.03	-218.05	12.16	-2237.63	26.17	-735.78	28.61
3041	-0.50	8.10	5.34	-181.18	-58.73	-2326.07	52.64	-142.34	530.86
3042	-0.49	8.70	5.34	-178.10	-71.52	-2304.95	56.78	-148.86	576.89
3043	-1.50	8.10	5.34	-160.08	-62.80	-2383.84	57.62	-285.90	543.12
3044	-1.47	8.70	5.34	-158.95	-75.56	-2360.56	63.09	-287.78	588.53
3045	-2.50	8.10	5.34	-150.81	-68.38	-2418.85	64.88	-430.77	551.25
3046	-2.45	8.70	5.34	-150.98	-80.98	-2394.83	71.47	-427.53	595.31
3047	-3.50	8.10	5.34	-153.80	-75.09	-2430.78	74.11	-572.64	554.15
3048	-3.44	8.70	5.34	-154.49	-87.36	-2407.71	81.49	-564.00	596.27
3049	-4.51	8.10	5.34	-168.62	-82.47	-2421.01	84.59	-706.67	550.68
3050	-4.42	8.70	5.34	-168.95	-94.21	-2400.73	92.47	-692.71	590.38
3051	-5.51	8.10	5.34	-193.81	-89.96	-2392.93	95.32	-827.85	539.84
3052	-5.40	8.70	5.34	-192.90	-100.88	-2377.20	103.28	-809.07	576.88
3053	-6.51	8.10	5.34	-226.59	-96.90	-2351.77	104.90	-931.65	521.00
3054	-6.38	8.70	5.34	-223.84	-106.84	-2342.07	112.77	-908.94	555.23
3055	-7.51	8.10	5.34	-263.46	-102.78	-2304.42	111.99	-1014.14	493.93
3056	-7.36	8.70	5.34	-258.39	-111.41	-2301.66	119.43	-988.76	525.27
3057	-8.51	8.10	5.34	-299.77	-106.91	-2258.82	115.16	-1072.54	458.80
3058	-8.34	8.70	5.34	-292.46	-113.99	-2263.20	122.03	-1045.99	487.31
3059	-9.51	8.10	5.34	-331.03	-108.83	-2223.17	113.24	-1105.23	416.06
3060	-9.32	8.70	5.34	-321.88	-114.14	-2234.11	119.51	-1079.01	441.85
3061	-10.51	8.10	5.34	-352.62	-108.18	-2205.06	105.46	-1111.54	366.52
3062	-10.31	8.70	5.34	-342.47	-111.62	-2221.25	111.15	-1087.12	389.44
3063	-11.52	8.10	5.34	-360.86	-104.62	-2210.69	91.51	-1091.46	311.25
3064	-11.29	8.70	5.34	-350.99	-106.22	-2229.91	96.68	-1070.65	331.54
3065	-12.52	8.10	5.34	-353.31	-97.95	-2244.01	71.74	-1045.33	251.10
3066	-12.27	8.70	5.34	-344.99	-97.86	-2263.87	76.50	-1029.31	269.27
3067	-13.52	8.10	5.34	-329.42	-88.19	-2305.58	47.30	-974.73	187.33
3068	-13.25	8.70	5.34	-323.81	-86.42	-2323.81	51.52	-964.26	202.96
3069	-14.52	8.10	5.34	-291.16	-75.90	-2392.36	20.44	-882.63	122.46



Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
3070	-14.23	8.70	5.34	-289.63	-72.79	-2406.17	24.15	-879.55	135.44
3071	-15.52	8.10	5.34	-241.83	-61.77	-2496.61	-5.62	-773.16	60.47
3072	-15.21	8.70	5.34	-245.60	-57.29	-2503.36	-2.81	-778.80	70.48
3073	7.92	9.28	17.16	-227.45	-253.77	-179.58	113.55	189.05	69.99
3074	8.62	9.26	17.16	-109.21	-199.00	-124.44	133.67	95.10	20.04
3075	9.33	9.23	17.16	-40.49	-165.77	-88.15	135.25	30.07	-9.98
3076	7.99	9.85	17.16	-175.37	-215.22	-150.19	149.98	127.88	34.31
3077	8.62	9.77	17.16	-96.88	-179.80	-110.98	154.39	62.19	0.49
3078	9.23	9.68	17.16	-47.88	-158.14	-81.19	147.54	14.17	-20.33
3079	8.07	10.41	17.16	-145.06	-182.11	-123.84	175.51	73.24	1.48
3080	8.60	10.27	17.16	-94.20	-162.81	-95.83	169.00	30.72	-16.20
3081	9.13	10.13	17.16	-58.75	-150.43	-73.10	157.68	-4.45	-28.81
3082	0.38	9.50	17.16	-1324.73	-1188.66	-6379.41	91.65	-63.93	-2281.93
3083	1.14	9.50	17.16	-1493.39	-1217.75	-7706.37	147.19	-1015.88	-1048.09
3084	1.90	9.49	17.16	-1295.46	-1174.90	-8706.28	190.07	435.55	12.58
3085	2.66	9.47	17.16	-1383.71	-1123.32	-8800.86	164.73	760.92	246.23
3086	3.42	9.46	17.16	-1475.82	-1239.52	-9737.98	76.84	1182.35	509.49
3087	4.18	9.44	17.16	-3538.18	-1562.08	-6238.49	-670.54	4268.34	633.89
3088	4.93	9.41	17.16	-1763.36	-1371.69	-2115.07	-459.75	1775.02	1157.39
3089	5.69	9.38	17.16	-1277.26	-886.26	-1075.91	-326.25	1190.16	703.12
3090	6.44	9.35	17.16	-765.73	-512.42	-505.19	-67.22	634.18	305.51
3091	7.19	9.31	17.16	-431.30	-346.12	-285.16	59.26	345.27	144.96
3092	0.39	10.50	17.16	-1990.00	-1063.15	-11407.60	81.07	163.54	552.57
3093	1.17	10.49	17.16	-1829.74	-1128.62	-11022.50	148.28	310.45	601.04
3094	1.95	10.46	17.16	-1676.24	-1303.42	-11074.20	138.15	660.72	763.51
3095	2.73	10.42	17.16	-2536.88	-2293.76	-8594.04	-692.76	2836.13	2106.61
3096	3.50	10.37	17.16	-1942.06	-3312.86	-6378.41	-849.12	1517.98	4187.77
3097	4.27	10.31	17.16	-2665.73	-2216.91	-3768.69	-1137.90	3168.64	2631.24
3098	5.04	10.23	17.16	-1379.47	-868.05	-1162.17	-244.00	1245.10	715.29
3099	5.80	10.15	17.16	-807.29	-610.86	-603.45	-42.22	670.36	401.59
3100	6.56	10.05	17.16	-518.64	-406.08	-353.85	59.21	408.03	209.94
3101	7.31	9.94	17.16	-308.57	-280.33	-219.37	125.54	231.80	90.42
3102	0.40	11.50	17.16	-2074.81	-4279.51	-7064.68	223.68	160.27	5263.53
3103	1.20	11.48	17.16	-1982.17	-4192.47	-6900.82	-18.86	421.69	5165.61
3104	2.00	11.43	17.16	-1909.10	-4164.56	-6800.44	-398.67	939.63	5262.39
3105	2.80	11.37	17.16	-2324.19	-2797.07	-4171.15	-928.13	2796.09	3303.11
3106	3.59	11.29	17.16	-1306.18	-1363.28	-1472.90	-174.53	1135.71	1259.68
3107	4.37	11.18	17.16	-949.31	-1083.40	-990.13	-161.52	761.26	943.43
3108	5.15	11.06	17.16	-883.83	-689.45	-685.81	-63.79	719.65	571.75
3109	5.92	10.92	17.16	-575.73	-410.62	-388.61	103.16	410.20	241.80
3110	6.68	10.75	17.16	-368.37	-294.26	-250.35	156.01	241.61	112.13
3111	7.43	10.57	17.16	-232.40	-221.28	-171.00	174.24	136.99	38.20
3112	0.41	12.50	17.16	-1189.97	-1527.98	-1335.94	223.47	54.53	1582.36
3113	1.23	12.47	17.16	-1127.72	-1493.79	-1283.65	151.49	185.37	1537.81
3114	2.05	12.41	17.16	-1073.13	-1357.59	-1081.21	65.03	443.64	1324.08
3115	2.86	12.32	17.16	-976.03	-1086.23	-957.82	-4.58	477.19	1057.38
3116	3.67	12.20	17.16	-952.96	-755.50	-784.16	34.55	590.07	713.86
3117	4.47	12.06	17.16	-708.72	-505.38	-505.52	148.65	382.71	384.58
3118	5.26	11.88	17.16	-540.77	-378.94	-357.36	167.85	277.90	235.01
3119	6.04	11.68	17.16	-420.82	-272.09	-257.27	190.14	208.38	117.90
3120	6.80	11.46	17.16	-291.39	-205.17	-179.98	207.07	120.99	34.71
3121	7.55	11.20	17.16	-194.56	-171.52	-127.87	201.04	57.01	-6.92
3122	0.42	13.50	17.16	-995.15	-396.85	-571.93	178.73	-3.83	427.44
3123	1.26	13.46	17.16	-926.72	-399.61	-537.68	199.37	48.25	396.41
3124	2.10	13.38	17.16	-846.65	-384.71	-498.73	205.32	88.21	353.74
3125	2.93	13.27	17.16	-769.74	-341.82	-428.66	208.61	137.68	282.39
3126	3.75	13.12	17.16	-665.67	-278.76	-348.85	217.71	140.53	195.37
3127	4.56	12.93	17.16	-562.88	-222.31	-280.11	231.45	132.11	111.41
3128	5.36	12.71	17.16	-442.82	-183.54	-210.79	240.23	86.82	43.26
3129	6.15	12.45	17.16	-342.40	-160.71	-154.80	231.80	50.09	3.54
3130	6.92	12.16	17.16	-258.67	-144.17	-109.15	219.49	16.59	-22.94
3131	7.67	11.84	17.16	-186.69	-135.58	-71.33	202.66	-16.67	-36.20
3132	0.43	14.50	17.16	-844.06	-36.86	-136.97	100.87	-78.49	-62.65
3133	1.29	14.45	17.16	-788.55	-50.03	-127.40	145.14	-80.79	-57.64
3134	2.14	14.36	17.16	-722.25	-63.99	-112.88	178.17	-79.49	-53.78
3135	2.99	14.22	17.16	-646.92	-75.80	-95.62	200.08	-78.09	-51.05
3136	3.83	14.04	17.16	-568.55	-84.32	-73.95	213.39	-74.74	-50.66
3137	4.66	13.81	17.16	-484.47	-90.73	-48.05	219.72	-76.70	-51.84
3138	5.47	13.54	17.16	-401.57	-97.53	-22.76	218.27	-81.82	-51.19
3139	6.26	13.22	17.16	-323.16	-104.32	0.72	209.53	-90.55	-47.15
3140	7.04	12.87	17.16	-255.32	-110.28	21.01	195.04	-97.52	-39.74
3141	7.79	12.47	17.16	-198.09	-114.96	38.27	178.12	-103.00	-30.66
3142	11.39	9.32	17.16	-25.84	-126.01	52.63	86.66	-91.69	5.95
3143	10.90	9.94	17.16	-43.21	-125.49	58.26	98.59	-97.09	4.77
3144	10.37	10.54	17.16	-63.38	-124.29	64.09	110.51	-103.39	2.42
3145	10.70	9.28	17.16	-6.00	-136.10	-16.11	108.61	-60.74	-26.20
3146	10.35	9.82	17.16	-25.86	-134.64	-10.10	119.98	-65.27	-26.36
3147	9.98	10.34	17.16	-48.16	-132.51	-2.48	130.44	-70.67	-26.07
3148	10.02	9.23	17.16	-8.41	-146.93	-57.84	125.54	-22.25	-28.05
3149	9.81	9.70	17.16	-24.86	-144.43	-52.58	135.71	-29.63	-31.75
3150	9.58	10.15	17.16	-45.07	-141.36	-44.57	144.82	-36.36	-33.29
3151	8.50	12.04	17.16	-152.18	-119.29	50.69	160.15	-106.59	-20.67
3152	8.34	11.50	17.16	-134.85	-133.14	-44.13	182.87	-40.59	-39.40
3153	8.19	10.96	17.16	-131.79	-154.76	-94.87	188.12	14.67	-27.32
3154	9.16	11.58	17.16	-116.10	-122.58	58.14	142.69	-108.19	-10.96
3155	8.93	11.15	17.16	-99.10	-132.90	-24.19	163.94	-56.27	-35.83
3156	8.71	10.73	17.16	-94.01	-147.99	-71.27	173.42	-10.47	-33.52
3157	9.79	11.08	17.16	-87.68	-124.46	64.83	125.85	-106.81	-1.42
3158	9.50	10.79	17.16	-72.35	-132.84	-6.10	145.43	-67.69	-29.33
3159	9.22	10.49	17.16	-66.42	-143.14	-50.34	156.77	-31.58	-34.58
3160	8.25	9.30	15.47	-667.38	-158.51	-601.70	-119.35	615.24	245.38
3161	8.99	9.27	15.47	-511.90	-112.06	-432.43	-67.99	425.14	147.24
3162	9.73	9.24	15.47	-376.48	-75.91	-309.97	-25.86	279.62	79.98
3163	8.35	9.90	15.47	-564.78	-127.35	-505.79	-94.54	486.96	196.69
3164	8.99	9.82	15.47	-447.45	-92.54	-382.32	-50.88	352.41	122.68
3165	9.63	9.72	15.47	-343.76	-65.56	-283.61	-16.28	244.97	69.71
3166	8.43	10.50	15.47	-465.27	-95.19	-416.34	-66.88	372.06	149.71
3167	8.98	10.36	15.47	-383.60	-72.30	-328.51	-34.12	284.03	99.41
3168	9.53	10.20	15.47	-307.32	-54.37	-253.26	-6.62	208.89	59.86

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
3169	0.40	9.53	15.47	-1273.68	-96.83	-6407.93	136.49	159.42	-121.24
3170	1.19	9.53	15.47	-884.83	-127.86	-6360.29	329.53	253.03	11.39
3171	1.99	9.52	15.47	-655.87	-163.29	-6340.60	270.28	432.37	247.84
3172	2.78	9.50	15.47	-637.61	-123.40	-6105.57	242.57	934.28	588.46
3173	3.57	9.49	15.47	-524.18	-35.85	-5183.91	146.40	1493.21	897.32
3174	4.36	9.46	15.47	-347.31	-180.35	-4375.52	154.85	1559.94	1150.01
3175	5.15	9.44	15.47	-1100.96	-342.65	-3355.02	-141.35	1992.04	1029.06
3176	5.93	9.41	15.47	-1102.62	-311.78	-2104.03	-246.33	1609.89	812.82
3177	6.71	9.37	15.47	-1016.97	-273.14	-1338.12	-237.41	1219.49	574.47
3178	7.50	9.33	15.47	-842.79	-211.91	-872.52	-177.21	872.32	378.55
3179	0.41	10.60	15.47	-887.42	377.20	-6535.82	58.06	296.62	1139.62
3180	1.23	10.59	15.47	-751.97	253.51	-6343.39	152.22	466.51	1233.33
3181	2.05	10.56	15.47	-544.29	120.20	-5854.34	152.80	916.77	1416.13
3182	2.86	10.52	15.47	-438.70	89.30	-5324.88	300.62	1128.07	1487.56
3183	3.67	10.46	15.47	-670.62	137.94	-4375.76	56.32	1709.47	1271.63
3184	4.47	10.39	15.47	-646.44	-101.95	-3274.49	-209.44	1579.61	1235.20
3185	5.27	10.31	15.47	-1074.94	-371.61	-2354.33	-368.34	1616.64	1070.49
3186	6.07	10.22	15.47	-1003.33	-307.41	-1510.43	-305.03	1251.06	729.76
3187	6.85	10.12	15.47	-856.98	-233.89	-1007.40	-226.81	928.06	482.18
3188	7.63	10.00	15.47	-703.90	-172.63	-696.24	-152.69	673.06	307.29
3189	0.42	11.67	15.47	-627.72	155.85	-5236.70	-47.39	267.37	2232.86
3190	1.26	11.65	15.47	-533.16	119.90	-4965.88	-37.75	540.48	2136.03
3191	2.10	11.60	15.47	-390.70	93.37	-4399.68	-117.75	960.32	1930.35
3192	2.94	11.53	15.47	-472.27	-280.82	-3825.97	-215.97	1108.94	1888.52
3193	3.76	11.44	15.47	-881.55	-662.45	-3142.24	-404.79	1424.70	1768.88
3194	4.58	11.33	15.47	-890.47	-531.71	-2234.17	-440.53	1336.68	1305.46
3195	5.39	11.19	15.47	-841.19	-364.58	-1541.08	-369.91	1108.70	881.79
3196	6.20	11.04	15.47	-796.11	-270.48	-1075.79	-283.77	886.75	586.98
3197	6.99	10.87	15.47	-686.41	-188.76	-760.46	-191.26	672.20	376.96
3198	7.77	10.68	15.47	-565.58	-130.69	-550.10	-116.81	496.25	234.57
3199	0.43	12.74	15.47	-527.99	-1065.39	-3144.82	-66.95	153.12	2308.23
3200	1.30	12.71	15.47	-492.85	-1021.77	-2973.32	-149.02	389.43	2179.53
3201	2.16	12.64	15.47	-488.63	-965.11	-2703.69	-271.34	631.29	1981.88
3202	3.01	12.55	15.47	-558.68	-787.94	-2235.01	-393.55	848.70	1615.33
3203	3.85	12.42	15.47	-602.19	-587.68	-1716.14	-383.09	853.52	1210.76
3204	4.69	12.26	15.47	-649.22	-455.63	-1321.69	-352.46	801.21	898.60
3205	5.51	12.08	15.47	-634.96	-314.62	-1004.89	-289.46	701.84	631.87
3206	6.32	11.86	15.47	-583.02	-204.18	-751.92	-209.19	576.71	420.57
3207	7.12	11.62	15.47	-514.34	-133.22	-559.48	-135.67	453.52	269.41
3208	7.90	11.35	15.47	-431.21	-86.75	-413.70	-74.22	342.45	164.94
3209	0.44	13.81	15.47	-317.87	-754.10	-1479.51	-43.80	31.64	1242.14
3210	1.33	13.77	15.47	-317.67	-710.29	-1397.49	-106.87	164.93	1167.24
3211	2.21	13.69	15.47	-327.45	-633.53	-1277.24	-175.82	289.51	1049.25
3212	3.08	13.56	15.47	-358.34	-522.59	-1133.81	-225.26	379.85	893.83
3213	3.94	13.40	15.47	-400.51	-394.10	-966.07	-238.62	430.87	712.08
3214	4.79	13.20	15.47	-416.76	-276.60	-784.22	-210.69	424.29	532.11
3215	5.63	12.96	15.47	-414.89	-187.08	-620.76	-169.11	387.52	381.09
3216	6.45	12.69	15.47	-390.70	-117.71	-479.49	-119.15	333.70	258.72
3217	7.25	12.37	15.47	-349.42	-71.33	-358.52	-69.75	271.35	164.81
3218	8.03	12.03	15.47	-298.83	-44.69	-256.69	-28.12	208.99	97.67
3219	0.45	14.88	15.47	-138.66	-252.42	-587.65	-4.69	-59.40	469.27
3220	1.35	14.83	15.47	-141.67	-235.32	-552.23	-28.93	3.88	442.67
3221	2.25	14.73	15.47	-146.67	-208.28	-505.79	-52.23	62.40	402.21
3222	3.14	14.58	15.47	-158.58	-170.32	-447.43	-70.25	113.26	346.70
3223	4.02	14.39	15.47	-175.88	-126.52	-379.66	-75.70	148.63	280.02
3224	4.89	14.14	15.47	-192.59	-85.82	-306.17	-66.43	165.53	209.91
3225	5.73	13.85	15.47	-199.36	-54.12	-230.28	-46.27	162.91	144.72
3226	6.56	13.51	15.47	-195.77	-32.74	-158.15	-22.69	146.54	90.43
3227	7.37	13.13	15.47	-182.01	-20.32	-92.97	0.86	121.70	48.13
3228	8.16	12.70	15.47	-159.97	-16.21	-35.52	21.04	92.44	17.69
3229	11.87	9.34	15.47	-54.84	-30.25	82.29	37.05	-11.05	-7.21
3230	11.37	10.00	15.47	-61.73	-29.32	84.59	40.26	-5.79	-10.28
3231	10.83	10.64	15.47	-70.31	-27.39	85.58	43.60	1.56	-14.01
3232	11.16	9.29	15.47	-148.93	-32.25	-80.89	30.31	68.70	7.39
3233	10.80	9.87	15.47	-149.36	-30.14	-70.25	32.15	67.47	7.83
3234	10.42	10.43	15.47	-149.78	-27.62	-58.08	33.31	66.53	7.98
3235	10.45	9.25	15.47	-254.14	-48.90	-202.79	8.35	162.05	33.50
3236	10.23	9.74	15.47	-242.28	-44.06	-187.39	12.38	149.53	31.85
3237	10.01	10.22	15.47	-232.07	-38.84	-167.86	15.48	138.21	31.08
3238	8.89	12.24	15.47	-135.73	-16.91	10.09	35.17	64.00	-1.08
3239	8.73	11.67	15.47	-250.74	-31.29	-180.65	1.12	157.26	54.89
3240	8.56	11.09	15.47	-359.00	-60.47	-315.64	-33.13	259.35	101.55
3241	9.58	11.75	15.47	-111.56	-20.94	44.26	43.23	38.92	-10.67
3242	9.34	11.30	15.47	-208.78	-27.22	-124.61	18.77	117.52	30.42
3243	9.10	10.85	15.47	-302.39	-47.58	-247.45	-8.73	203.23	66.38
3244	10.24	11.22	15.47	-87.73	-24.86	73.34	45.92	17.38	-14.58
3245	9.93	10.90	15.47	-169.70	-26.29	-74.48	30.07	83.41	13.87
3246	9.63	10.59	15.47	-249.72	-39.39	-186.29	8.66	154.33	41.15
3247	8.59	9.32	13.78	-571.45	-29.52	-982.12	-96.09	800.35	318.81
3248	9.36	9.29	13.78	-486.61	-15.76	-756.31	-68.62	644.12	227.18
3249	10.12	9.26	13.78	-389.19	-3.01	-577.89	-40.11	504.50	151.91
3250	8.70	9.96	13.78	-497.26	-21.94	-851.40	-94.04	686.77	288.87
3251	9.37	9.87	13.78	-427.11	-9.99	-682.09	-65.27	570.52	210.12
3252	10.03	9.77	13.78	-351.35	-0.38	-540.33	-38.76	465.41	143.77
3253	8.80	10.60	13.78	-415.21	-13.36	-726.63	-84.96	578.73	250.29
3254	9.37	10.44	13.78	-364.52	-4.31	-606.06	-59.96	499.34	188.36
3255	9.93	10.27	13.78	-309.52	2.07	-501.46	-36.56	424.15	132.41
3256	0.41	9.57	13.78	-430.69	241.40	-5216.93	-30.96	350.33	691.45
3257	1.24	9.56	13.78	-430.82	238.08	-4973.24	15.97	487.54	680.52
3258	2.07	9.55	13.78	-372.21	226.51	-4703.25	83.62	682.03	718.73
3259	2.89	9.54	13.78	-311.52	182.27	-4326.53	82.13	909.60	763.74
3260	3.72	9.52	13.78	-389.61	97.99	-3880.42	59.73	1098.29	787.97
3261	4.54	9.49	13.78	-519.37	76.42	-3311.06	-29.50	1242.36	749.56
3262	5.36	9.46	13.78	-474.79	48.10	-2738.43	-47.81	1237.83	709.18
3263	6.18	9.43	13.78	-604.08	-18.94	-2215.07	-88.88	1247.94	640.90
3264	6.99	9.39	13.78	-645.94	-39.96	-1701.03	-115.16	1132.66	540.73
3265	7.80	9.35	13.78	-631.75	-40.49	-1289.31	-115.31	970.16	424.57
3266	0.43	10.71	13.78	-296.36	220.50	-4831.80	-52.56	289.98	1247.70
3267	1.29	10.69	13.78	-284.29	211.22	-4563.86	-22.47	512.82	1202.57

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
3268	2.14	10.66	13.78	-301.89	169.96	-4253.22	-15.35	706.62	1167.56
3269	2.99	10.61	13.78	-329.94	100.84	-3830.53	-99.54	933.30	1105.42
3270	3.83	10.55	13.78	-364.01	7.14	-3348.19	-108.59	1056.01	1035.80
3271	4.67	10.48	13.78	-493.53	-28.89	-2837.00	-104.68	1162.87	927.21
3272	5.50	10.39	13.78	-498.34	-14.87	-2304.82	-134.52	1146.71	802.41
3273	6.33	10.30	13.78	-580.93	-40.71	-1827.43	-159.87	1098.17	665.39
3274	7.15	10.19	13.78	-593.57	-43.46	-1407.94	-150.36	970.15	519.46
3275	7.96	10.06	13.78	-557.43	-34.00	-1083.97	-123.97	822.15	389.47
3276	0.44	11.85	13.78	-170.96	-23.00	-3991.51	-76.29	219.50	1576.71
3277	1.33	11.82	13.78	-193.76	-32.14	-3752.45	-98.30	456.80	1490.73
3278	2.20	11.76	13.78	-255.81	-74.58	-3459.70	-116.81	640.58	1403.88
3279	3.07	11.69	13.78	-292.49	-47.05	-3095.08	-140.52	813.65	1269.18
3280	3.94	11.59	13.78	-295.01	7.57	-2674.15	-168.53	921.90	1100.65
3281	4.79	11.47	13.78	-407.48	-39.17	-2251.10	-192.39	989.86	951.09
3282	5.64	11.33	13.78	-483.50	-69.30	-1828.01	-206.56	973.63	789.35
3283	6.47	11.17	13.78	-508.01	-59.02	-1451.97	-190.02	897.55	619.52
3284	7.30	10.98	13.78	-501.43	-42.93	-1143.33	-157.54	791.77	466.70
3285	8.11	10.78	13.78	-463.99	-25.90	-898.90	-118.19	676.20	339.58
3286	0.45	12.99	13.78	-66.26	-162.37	-2946.63	-81.48	126.37	1563.27
3287	1.36	12.95	13.78	-100.89	-146.04	-2778.83	-127.54	327.47	1465.34
3288	2.26	12.88	13.78	-143.02	-129.77	-2548.41	-165.93	499.97	1335.81
3289	3.15	12.77	13.78	-199.27	-146.89	-2289.45	-190.00	627.34	1205.14
3290	4.04	12.64	13.78	-276.76	-158.30	-2002.49	-226.69	727.41	1054.31
3291	4.91	12.47	13.78	-335.44	-126.06	-1684.95	-232.38	764.88	867.15
3292	5.77	12.27	13.78	-377.75	-92.34	-1384.00	-213.46	745.33	683.22
3293	6.61	12.04	13.78	-395.35	-62.17	-1123.58	-181.06	691.27	521.74
3294	7.44	11.78	13.78	-386.33	-35.65	-905.20	-140.50	618.51	385.10
3295	8.25	11.50	13.78	-357.51	-16.55	-725.12	-99.62	538.12	273.28
3296	0.47	14.13	13.78	10.11	-325.37	-1985.40	-58.29	37.87	1244.01
3297	1.39	14.08	13.78	-21.01	-297.78	-1883.08	-109.90	188.96	1170.67
3298	2.31	13.99	13.78	-61.28	-262.82	-1745.76	-152.13	320.77	1067.86
3299	3.23	13.86	13.78	-109.06	-218.22	-1572.74	-183.14	426.52	936.34
3300	4.13	13.69	13.78	-158.59	-170.66	-1381.11	-195.01	493.16	790.29
3301	5.02	13.47	13.78	-207.24	-125.47	-1190.76	-191.57	526.29	644.26
3302	5.89	13.21	13.78	-241.62	-82.02	-1006.96	-171.06	527.60	503.95
3303	6.74	12.92	13.78	-258.92	-47.02	-837.23	-140.19	502.86	377.91
3304	7.58	12.59	13.78	-259.32	-21.76	-686.77	-105.44	461.48	270.85
3305	8.39	12.22	13.78	-244.70	-5.30	-556.08	-71.60	410.80	182.94
3306	0.47	15.27	13.78	107.74	-197.38	-1328.01	-17.70	-20.29	662.72
3307	1.42	15.22	13.78	82.57	-181.28	-1261.26	-54.04	79.32	624.46
3308	2.36	15.11	13.78	51.85	-156.82	-1176.78	-84.01	168.61	567.90
3309	3.29	14.95	13.78	15.25	-126.42	-1077.12	-104.86	243.14	496.29
3310	4.21	14.74	13.78	-24.83	-93.31	-964.74	-114.40	299.21	414.13
3311	5.12	14.48	13.78	-63.21	-61.30	-844.36	-111.85	333.27	328.05
3312	6.00	14.16	13.78	-96.00	-33.78	-723.15	-99.49	346.42	244.97
3313	6.87	13.80	13.78	-118.98	-12.28	-606.38	-80.11	341.29	169.29
3314	7.71	13.39	13.78	-130.68	2.28	-497.98	-57.68	321.74	104.30
3315	8.52	12.94	13.78	-131.68	10.39	-400.83	-35.71	292.09	51.11
3316	12.36	9.36	13.78	-80.51	6.26	-115.18	16.71	136.30	-38.56
3317	11.85	10.07	13.78	-84.71	7.64	-133.73	14.97	149.54	-40.01
3318	11.29	10.74	13.78	-89.57	9.82	-157.40	12.42	166.02	-40.86
3319	11.62	9.31	13.78	-179.18	8.55	-272.29	5.15	256.43	25.65
3320	11.25	9.92	13.78	-172.74	8.88	-273.07	2.03	255.83	25.60
3321	10.86	10.52	13.78	-165.64	9.43	-276.36	-1.61	256.05	25.13
3322	10.87	9.26	13.78	-283.00	5.11	-423.81	-13.82	375.31	85.59
3323	10.66	9.79	13.78	-263.50	6.09	-409.06	-15.55	359.39	83.77
3324	10.43	10.30	13.78	-244.63	6.92	-393.15	-17.67	344.84	81.12
3325	9.29	12.45	13.78	-125.41	13.87	-319.50	-16.94	258.72	11.52
3326	9.11	11.83	13.78	-223.60	4.03	-454.88	-44.42	362.22	118.61
3327	8.93	11.22	13.78	-321.69	-4.64	-596.42	-67.52	468.06	194.54
3328	10.00	11.92	13.78	-114.85	13.62	-252.88	-2.68	225.82	-15.60
3329	9.74	11.44	13.78	-201.00	7.94	-378.08	-24.81	319.63	74.51
3330	9.49	10.96	13.78	-287.71	1.81	-505.28	-45.38	413.90	142.38
3331	10.68	11.36	13.78	-100.77	12.18	-195.81	7.34	193.16	-34.23
3332	10.36	11.02	13.78	-176.01	9.31	-309.99	-9.41	278.40	39.09
3333	10.04	10.69	13.78	-251.78	5.69	-423.84	-27.36	362.02	99.24
3334	8.93	9.34	12.09	-466.26	14.87	-1169.34	-44.49	830.27	308.64
3335	9.73	9.31	12.09	-423.77	11.30	-967.71	-31.05	729.15	230.52
3336	10.52	9.27	12.09	-363.59	9.23	-800.49	-16.00	622.46	157.73
3337	9.05	10.01	12.09	-413.59	6.75	-1055.17	-51.93	742.65	289.76
3338	9.74	9.91	12.09	-377.60	6.29	-901.02	-35.73	663.61	217.02
3339	10.43	9.81	12.09	-331.22	5.77	-769.30	-19.72	581.72	149.63
3340	9.16	10.69	12.09	-354.43	-0.71	-947.15	-54.25	653.56	256.73
3341	9.75	10.52	12.09	-328.89	1.55	-836.87	-38.45	597.57	195.78
3342	10.34	10.35	12.09	-296.41	2.26	-741.20	-22.76	538.11	137.14
3343	0.43	9.60	12.09	-156.56	206.49	-4233.78	-37.33	250.56	828.44
3344	1.29	9.60	12.09	-189.26	195.99	-4028.19	-14.89	439.03	797.86
3345	2.15	9.58	12.09	-220.40	175.43	-3775.00	-9.31	608.08	772.84
3346	3.01	9.57	12.09	-263.12	149.33	-3486.70	-6.11	755.40	748.56
3347	3.87	9.55	12.09	-295.98	127.42	-3156.58	-17.55	884.44	716.66
3348	4.72	9.52	12.09	-339.16	90.34	-2797.17	-20.67	981.07	679.81
3349	5.57	9.49	12.09	-421.00	61.26	-2419.02	-40.48	1034.63	624.65
3350	6.42	9.46	12.09	-449.60	48.40	-2049.31	-50.74	1026.26	553.80
3351	7.27	9.42	12.09	-479.69	31.67	-1716.40	-55.44	990.79	474.21
3352	8.11	9.37	12.09	-485.61	21.02	-1418.13	-53.28	920.86	390.09
3353	0.45	10.81	12.09	-74.30	145.31	-3864.34	-51.33	201.37	1115.96
3354	1.34	10.79	12.09	-122.05	136.93	-3668.61	-53.83	398.22	1059.64
3355	2.23	10.75	12.09	-159.71	121.88	-3417.92	-59.77	575.75	998.01
3356	3.12	10.70	12.09	-207.53	102.54	-3127.01	-54.11	721.17	935.70
3357	4.00	10.64	12.09	-267.67	86.48	-2803.07	-70.10	838.04	862.89
3358	4.87	10.56	12.09	-313.34	64.58	-2457.60	-88.97	910.92	773.50
3359	5.73	10.47	12.09	-381.80	35.81	-2116.55	-91.11	942.86	674.30
3360	6.59	10.37	12.09	-413.36	22.81	-1793.77	-88.30	928.14	573.96
3361	7.44	10.25	12.09	-435.62	13.11	-1505.67	-81.59	887.11	473.20
3362	8.28	10.12	12.09	-434.97	8.39	-1253.95	-68.10	820.08	374.38
3363	0.46	12.02	12.09	-8.18	20.84	-3295.53	-55.70	136.04	1275.32
3364	1.39	11.99	12.09	-55.94	23.33	-3129.96	-77.21	327.92	1207.62
3365	2.30	11.93	12.09	-99.15	25.29	-2913.60	-97.44	497.78	1122.56
3366	3.21	11.85	12.09	-155.96	10.56	-2656.59	-116.79	637.05	1024.18

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
3367	4.11	11.74	12.09	-227.65	-11.58	-2375.65	-126.32	736.26	915.87
3368	5.00	11.62	12.09	-275.44	-9.48	-2085.41	-129.47	793.50	795.82
3369	5.88	11.47	12.09	-322.59	-6.70	-1803.28	-123.58	817.47	672.87
3370	6.75	11.29	12.09	-358.74	-7.85	-1538.90	-113.06	806.44	553.78
3371	7.60	11.10	12.09	-374.92	-6.33	-1302.79	-95.86	768.25	440.95
3372	8.44	10.88	12.09	-371.64	-3.47	-1099.52	-74.22	711.95	337.24
3373	0.48	13.23	12.09	42.90	-134.61	-2655.46	-48.52	69.67	1234.83
3374	1.43	13.19	12.09	0.88	-123.01	-2525.11	-85.32	241.75	1168.24
3375	2.37	13.11	12.09	-49.52	-112.58	-2357.55	-113.38	389.14	1080.94
3376	3.30	13.00	12.09	-102.93	-92.44	-2159.01	-135.39	509.77	971.78
3377	4.22	12.85	12.09	-154.87	-70.69	-1941.47	-143.12	596.45	849.82
3378	5.13	12.67	12.09	-209.29	-58.90	-1721.03	-143.97	651.11	727.05
3379	6.02	12.46	12.09	-254.75	-46.73	-1504.85	-135.88	674.84	604.22
3380	6.90	12.22	12.09	-285.61	-33.64	-1301.71	-118.90	670.02	485.12
3381	7.76	11.95	12.09	-300.50	-21.97	-1119.40	-96.53	643.21	375.10
3382	8.60	11.64	12.09	-299.29	-12.76	-960.92	-71.56	601.36	276.51
3383	0.49	14.44	12.09	88.48	-200.98	-2101.77	-30.84	14.53	1001.41
3384	1.46	14.39	12.09	53.35	-184.97	-2003.56	-70.67	153.86	947.58
3385	2.42	14.30	12.09	10.59	-164.02	-1879.55	-101.49	275.53	872.56
3386	3.38	14.15	12.09	-37.55	-141.85	-1737.91	-122.01	375.32	783.13
3387	4.32	13.97	12.09	-87.73	-117.63	-1583.67	-133.35	452.47	682.69
3388	5.24	13.74	12.09	-133.92	-90.97	-1421.84	-133.26	503.52	575.02
3389	6.15	13.47	12.09	-173.43	-66.11	-1261.66	-123.43	529.25	467.54
3390	7.04	13.15	12.09	-202.42	-44.46	-1110.06	-106.06	533.26	365.59
3391	7.91	12.80	12.09	-218.88	-26.87	-971.36	-84.06	519.48	272.36
3392	8.75	12.41	12.09	-222.90	-13.84	-847.96	-60.62	492.33	189.69
3393	0.50	15.66	12.09	122.48	-170.25	-1793.04	-7.99	-19.32	645.80
3394	1.49	15.60	12.09	94.84	-157.79	-1711.82	-41.72	85.89	611.15
3395	2.47	15.48	12.09	60.85	-139.22	-1613.75	-68.46	180.14	560.69
3396	3.44	15.31	12.09	22.63	-116.30	-1501.46	-87.03	260.40	497.51
3397	4.40	15.09	12.09	-17.34	-91.32	-1379.14	-96.56	323.84	425.78
3398	5.35	14.81	12.09	-56.31	-66.46	-1251.71	-97.29	369.45	349.84
3399	6.27	14.48	12.09	-90.77	-43.43	-1123.67	-89.95	396.95	273.52
3400	7.17	14.09	12.09	-118.23	-24.09	-999.56	-76.40	407.59	200.70
3401	8.05	13.66	12.09	-137.01	-9.27	-883.27	-59.02	403.79	134.37
3402	8.89	13.18	12.09	-146.69	0.85	-777.85	-40.29	388.21	76.06
3403	12.84	9.38	12.09	-120.32	-0.57	-424.75	24.49	255.71	-60.28
3404	12.32	10.13	12.09	-124.25	2.99	-456.72	20.03	269.85	-56.46
3405	11.75	10.84	12.09	-128.89	6.26	-494.96	14.16	286.62	-50.50
3406	12.07	9.33	12.09	-205.44	2.47	-534.41	12.22	385.86	14.00
3407	11.70	9.98	12.09	-198.63	2.55	-547.61	7.03	381.35	15.56
3408	11.30	10.61	12.09	-190.45	2.94	-565.93	1.17	377.64	17.99
3409	11.30	9.28	12.09	-288.20	5.57	-659.56	-0.89	506.82	85.25
3410	11.08	9.83	12.09	-269.51	4.01	-653.63	-5.43	485.64	83.15
3411	10.85	10.37	12.09	-250.89	2.54	-649.90	-10.16	466.14	80.39
3412	9.68	12.66	12.09	-148.55	6.66	-687.37	-22.57	365.84	28.80
3413	9.50	12.00	12.09	-218.22	-5.33	-750.00	-39.81	460.74	124.94
3414	9.31	11.35	12.09	-287.61	-6.49	-843.76	-50.32	557.18	201.44
3415	10.42	12.10	12.09	-145.04	8.91	-611.04	-7.38	340.50	-7.51
3416	10.15	11.58	12.09	-208.98	-0.33	-674.00	-22.94	429.36	77.04
3417	9.89	11.08	12.09	-271.90	-2.12	-759.46	-34.04	518.08	147.65
3418	11.12	11.50	12.09	-136.69	8.96	-545.10	5.25	312.13	-35.54
3419	10.78	11.14	12.09	-195.03	2.42	-607.02	-8.16	395.43	36.35
3420	10.45	10.79	12.09	-251.78	0.87	-684.40	-19.54	476.79	100.89
3421	9.27	9.35	10.41	-450.77	0.54	-1245.61	3.23	820.81	272.24
3422	10.09	9.32	10.41	-426.63	-8.34	-1096.16	13.74	760.18	201.31
3423	10.92	9.29	10.41	-384.50	-16.12	-974.39	24.56	685.35	132.34
3424	9.40	10.06	10.41	-404.69	-12.95	-1165.89	-4.30	747.08	255.86
3425	10.12	9.96	10.41	-384.78	-17.31	-1051.17	7.88	698.60	189.08
3426	10.83	9.86	10.41	-353.21	-21.70	-955.52	19.87	641.36	125.29
3427	9.52	10.78	10.41	-354.72	-24.96	-1093.83	-9.29	669.76	227.03
3428	10.13	10.60	10.41	-341.57	-24.92	-1011.21	2.93	635.74	170.65
3429	10.74	10.42	10.41	-320.72	-26.63	-941.72	14.98	595.08	115.36
3430	0.45	9.64	10.41	-80.32	134.80	-3514.58	-17.49	161.45	810.67
3431	1.34	9.63	10.41	-124.54	130.05	-3352.67	-14.77	334.22	774.44
3432	2.24	9.62	10.41	-171.27	120.03	-3155.95	-10.18	488.46	738.30
3433	3.13	9.60	10.41	-217.99	106.24	-2928.28	-9.13	623.50	700.15
3434	4.02	9.58	10.41	-270.86	87.86	-2677.89	-8.71	734.10	658.26
3435	4.90	9.55	10.41	-324.54	71.15	-2414.40	-13.32	816.38	608.52
3436	5.79	9.52	10.41	-368.70	53.36	-2148.12	-14.74	870.71	551.38
3437	6.67	9.48	10.41	-414.98	35.15	-1888.49	-15.46	897.24	487.56
3438	7.55	9.44	10.41	-443.24	21.67	-1645.15	-12.54	893.12	417.82
3439	8.42	9.39	10.41	-456.14	10.06	-1428.73	-5.93	866.35	344.37
3440	0.47	10.92	10.41	-33.07	67.91	-3220.73	-21.25	114.88	982.18
3441	1.40	10.89	10.41	-76.48	66.87	-3070.60	-30.93	291.92	934.88
3442	2.33	10.85	10.41	-127.65	60.37	-2882.59	-37.01	446.74	880.19
3443	3.25	10.80	10.41	-180.93	50.06	-2665.70	-44.64	577.28	816.65
3444	4.16	10.73	10.41	-234.37	36.76	-2429.21	-47.19	681.08	745.30
3445	5.06	10.65	10.41	-290.62	24.08	-2184.70	-46.66	755.35	669.27
3446	5.96	10.55	10.41	-335.67	14.90	-1941.69	-45.65	800.59	587.97
3447	6.85	10.44	10.41	-376.14	5.31	-1710.77	-39.89	819.15	502.26
3448	7.73	10.32	10.41	-400.73	-2.06	-1499.52	-30.12	812.42	415.90
3449	8.60	10.18	10.41	-410.55	-8.20	-1314.13	-17.42	786.71	331.07
3450	0.48	12.20	10.41	4.47	-34.43	-2838.87	-20.19	65.78	1054.73
3451	1.45	12.16	10.41	-36.81	-29.76	-2708.39	-42.13	234.33	1002.08
3452	2.41	12.10	10.41	-87.35	-28.47	-2543.19	-57.99	381.40	934.88
3453	3.35	12.01	10.41	-140.78	-26.66	-2353.68	-67.61	502.86	856.41
3454	4.29	11.90	10.41	-192.76	-24.07	-2148.86	-73.35	598.84	768.69
3455	5.21	11.76	10.41	-246.41	-25.85	-1938.30	-73.27	667.23	674.97
3456	6.13	11.60	10.41	-291.64	-26.86	-1731.80	-67.78	707.43	578.46
3457	7.03	11.42	10.41	-326.57	-26.35	-1538.17	-56.69	723.91	481.99
3458	7.91	11.21	10.41	-349.32	-25.80	-1362.83	-42.04	719.79	388.21
3459	8.78	10.98	10.41	-358.21	-25.34	-1209.41	-24.91	699.01	299.04
3460	0.50	13.48	10.41	32.96	-130.11	-2444.54	-13.49	19.58	1002.04
3461	1.49	13.43	10.41	-4.29	-120.43	-2336.09	-42.69	169.16	952.64
3462	2.47	13.35	10.41	-48.99	-108.80	-2200.76	-65.10	301.24	885.25
3463	3.45	13.23	10.41	-98.66	-98.25	-2046.21	-79.32	411.72	804.75
3464	4.40	13.07	10.41	-149.95	-87.71	-1880.41	-86.43	498.62	714.86
3465	5.35	12.88	10.41	-196.95	-74.89	-1710.58	-85.23	561.24	618.65

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
3466	6.28	12.66	10.41	-237.90	-62.80	-1544.59	-77.23	600.68	520.86
3467	7.19	12.40	10.41	-270.27	-52.42	-1388.63	-63.95	619.43	425.08
3468	8.08	12.11	10.41	-291.68	-43.77	-1247.08	-46.80	620.39	333.62
3469	8.95	11.79	10.41	-301.11	-37.44	-1123.00	-27.55	606.71	248.01
3470	0.51	14.76	10.41	51.64	-184.94	-2134.23	-3.09	-17.33	834.79
3471	1.53	14.70	10.41	20.63	-173.48	-2042.60	-34.20	108.29	794.78
3472	2.53	14.60	10.41	-17.62	-157.69	-1932.72	-58.20	220.58	738.12
3473	3.53	14.45	10.41	-59.90	-138.25	-1808.89	-74.31	316.58	667.91
3474	4.51	14.25	10.41	-103.15	-117.34	-1676.57	-81.68	393.85	588.48
3475	5.47	14.01	10.41	-144.84	-97.29	-1541.65	-81.21	452.00	504.32
3476	6.41	13.72	10.41	-181.56	-78.58	-1408.85	-73.71	491.48	418.66
3477	7.34	13.39	10.41	-210.96	-62.09	-1282.67	-60.56	513.57	334.54
3478	8.24	13.01	10.41	-231.52	-48.64	-1166.93	-43.58	520.43	254.51
3479	9.11	12.60	10.41	-242.30	-38.61	-1064.22	-24.77	514.51	180.38
3480	0.52	16.04	10.41	61.82	-159.52	-1986.31	6.69	-39.93	609.41
3481	1.55	15.98	10.41	37.41	-150.32	-1902.49	-20.66	61.11	580.31
3482	2.58	15.86	10.41	7.18	-135.98	-1805.52	-42.19	153.08	537.80
3483	3.59	15.68	10.41	-26.80	-118.25	-1698.57	-56.89	233.44	484.63
3484	4.59	15.44	10.41	-62.19	-98.69	-1584.95	-64.40	300.50	423.55
3485	5.58	15.14	10.41	-96.50	-78.89	-1468.21	-64.74	353.10	357.48
3486	6.54	14.79	10.41	-127.56	-60.59	-1352.25	-58.64	391.10	289.61
3487	7.47	14.38	10.41	-153.38	-44.96	-1240.70	-47.35	415.19	222.74
3488	8.38	13.92	10.41	-172.60	-32.76	-1136.77	-32.47	426.71	159.23
3489	9.26	13.41	10.41	-184.65	-24.38	-1043.12	-15.76	427.19	100.74
3490	13.33	9.40	10.41	-167.50	-38.38	-736.52	54.58	353.25	-71.72
3491	12.79	10.19	10.41	-174.05	-32.56	-764.21	48.49	362.89	-61.55
3492	12.21	10.95	10.41	-177.08	-25.81	-797.70	40.06	373.38	-47.91
3493	12.53	9.35	10.41	-250.84	-33.07	-799.25	44.53	480.13	-5.83
3494	12.15	10.03	10.41	-241.53	-30.99	-812.99	38.68	467.53	-0.01
3495	11.74	10.69	10.41	-232.28	-28.92	-832.87	31.63	456.75	8.10
3496	11.73	9.29	10.41	-323.20	-25.09	-877.68	35.07	590.18	62.14
3497	11.51	9.88	10.41	-303.98	-26.96	-877.69	29.97	562.22	62.09
3498	11.27	10.45	10.41	-284.50	-28.27	-881.06	24.27	536.31	62.80
3499	10.08	12.86	10.41	-189.60	-20.12	-963.19	0.80	419.94	50.54
3500	9.88	12.17	10.41	-244.75	-32.46	-982.95	-7.25	501.47	119.65
3501	9.68	11.48	10.41	-300.18	-33.47	-1031.31	-10.80	585.46	180.27
3502	10.84	12.27	10.41	-189.30	-19.05	-896.60	15.92	407.76	8.99
3503	10.56	11.73	10.41	-242.07	-28.97	-920.66	7.82	485.39	72.22
3504	10.28	11.19	10.41	-293.64	-30.66	-966.25	2.70	563.41	129.73
3505	11.56	11.64	10.41	-183.84	-20.76	-840.62	29.45	390.70	-25.31
3506	11.21	11.26	10.41	-233.77	-27.73	-867.69	21.70	464.77	30.60
3507	10.86	10.89	10.41	-281.75	-28.78	-909.99	15.23	537.12	84.70
3508	9.61	9.37	8.72	-512.48	-37.40	-1266.22	56.24	805.61	236.80
3509	10.46	9.34	8.72	-504.04	-47.98	-1170.01	70.17	779.91	169.31
3510	11.31	9.30	8.72	-474.99	-59.05	-1103.28	83.77	739.90	102.45
3511	9.75	10.12	8.72	-461.94	-51.92	-1221.34	52.99	739.32	221.35
3512	10.50	10.01	8.72	-454.33	-58.14	-1148.10	66.91	718.34	158.37
3513	11.23	9.90	8.72	-433.08	-65.56	-1095.09	80.35	688.30	97.21
3514	9.88	10.87	8.72	-408.01	-64.08	-1184.18	49.04	668.59	197.47
3515	10.52	10.69	8.72	-404.01	-65.92	-1130.94	62.09	655.25	144.35
3516	11.14	10.49	8.72	-391.71	-70.74	-1091.67	74.23	635.52	91.69
3517	0.47	9.67	8.72	-94.35	53.20	-2967.57	10.00	83.25	751.00
3518	1.39	9.66	8.72	-137.36	51.27	-2838.90	8.05	240.06	719.29
3519	2.32	9.65	8.72	-185.36	45.87	-2682.75	7.51	381.37	683.67
3520	3.25	9.63	8.72	-237.64	37.42	-2505.77	8.33	504.66	644.01
3521	4.17	9.61	8.72	-291.24	27.39	-2314.44	9.46	608.47	599.57
3522	5.09	9.58	8.72	-344.69	15.85	-2115.42	12.34	691.81	550.26
3523	6.00	9.54	8.72	-396.82	4.39	-1916.37	16.22	753.23	495.74
3524	6.91	9.50	8.72	-441.34	-6.53	-1725.15	22.54	793.41	436.06
3525	7.82	9.46	8.72	-478.36	-17.54	-1548.87	31.37	814.50	372.01
3526	8.73	9.41	8.72	-502.94	-27.79	-1393.31	42.86	817.73	304.52
3527	0.49	11.02	8.72	-65.65	-7.82	-2759.90	10.63	47.00	862.29
3528	1.46	10.99	8.72	-106.99	-6.95	-2639.39	0.24	202.92	823.48
3529	2.42	10.95	8.72	-154.38	-8.58	-2492.07	-6.74	342.31	775.57
3530	3.38	10.89	8.72	-206.13	-12.24	-2324.93	-9.75	462.47	720.23
3531	4.32	10.82	8.72	-259.80	-17.09	-2145.82	-10.10	561.24	658.51
3532	5.26	10.73	8.72	-311.42	-22.77	-1962.25	-7.34	638.53	590.86
3533	6.19	10.63	8.72	-360.34	-29.15	-1781.90	-0.68	694.27	518.95
3534	7.11	10.52	8.72	-401.55	-35.01	-1611.59	9.07	729.86	444.29
3535	8.03	10.39	8.72	-434.14	-40.81	-1457.35	21.97	747.80	367.87
3536	8.93	10.24	8.72	-455.00	-46.58	-1323.87	37.48	750.25	291.14
3537	0.51	12.37	8.72	-44.02	-81.70	-2513.76	13.17	9.64	898.20
3538	1.51	12.33	8.72	-81.46	-77.28	-2405.38	-4.33	157.12	857.26
3539	2.51	12.26	8.72	-125.76	-73.27	-2273.80	-16.74	288.87	803.49
3540	3.49	12.17	8.72	-174.48	-70.23	-2125.48	-24.06	402.22	739.17
3541	4.46	12.05	8.72	-224.99	-68.07	-1967.73	-25.71	494.89	666.93
3542	5.42	11.90	8.72	-273.12	-65.62	-1807.80	-22.26	566.79	589.23
3543	6.37	11.74	8.72	-317.30	-63.71	-1652.22	-14.00	618.92	508.19
3544	7.30	11.54	8.72	-354.63	-62.50	-1506.78	-1.65	652.55	425.84
3545	8.22	11.33	8.72	-383.12	-62.10	-1376.46	14.15	670.20	343.92
3546	9.12	11.08	8.72	-401.25	-62.89	-1264.89	32.32	674.49	263.94
3547	0.52	13.72	8.72	-29.93	-145.42	-2280.41	17.18	-24.58	848.85
3548	1.56	13.67	8.72	-61.90	-138.23	-2184.27	-4.73	108.10	810.84
3549	2.58	13.58	8.72	-101.04	-129.37	-2070.21	-20.73	227.53	758.35
3550	3.59	13.45	8.72	-144.29	-119.11	-1943.61	-30.43	330.80	694.22
3551	4.59	13.29	8.72	-188.65	-108.39	-1810.14	-33.51	416.39	621.55
3552	5.57	13.09	8.72	-231.82	-98.44	-1675.58	-30.46	483.75	543.46
3553	6.53	12.85	8.72	-270.88	-89.38	-1545.20	-21.74	533.49	462.58
3554	7.47	12.58	8.72	-303.65	-81.66	-1423.74	-8.28	567.08	381.25
3555	8.40	12.27	8.72	-328.65	-75.87	-1315.11	8.65	586.55	301.41
3556	9.30	11.93	8.72	-344.62	-72.71	-1222.39	27.77	594.04	224.35
3557	0.53	15.07	8.72	-22.69	-172.37	-2112.81	20.93	-51.68	730.08
3558	1.59	15.01	8.72	-48.77	-164.56	-2025.55	-1.64	62.38	698.51
3559	2.64	14.90	8.72	-81.07	-153.17	-1925.61	-18.73	166.49	653.16
3560	3.68	14.74	8.72	-117.31	-139.63	-1816.84	-29.45	258.03	596.79
3561	4.69	14.53	8.72	-154.95	-125.05	-1703.33	-33.59	335.45	532.19
3562	5.70	14.28	8.72	-191.37	-110.37	-1589.16	-31.26	398.02	462.09
3563	6.68	13.97	8.72	-224.53	-96.86	-1478.47	-23.12	445.98	389.26
3564	7.63	13.62	8.72	-252.64	-85.48	-1374.94	-10.22	480.29	316.09

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
3565	8.56	13.23	8.72	-274.37	-76.88	-1281.80	6.15	502.34	244.46
3566	9.47	12.79	8.72	-288.69	-71.52	-1201.65	24.53	513.80	175.89
3567	0.54	16.43	8.72	-21.96	-152.02	-2043.15	21.49	-69.55	583.57
3568	1.62	16.36	8.72	-42.33	-145.67	-1960.00	1.39	25.46	558.85
3569	2.69	16.23	8.72	-67.69	-135.29	-1867.74	-14.10	113.61	522.51
3570	3.74	16.04	8.72	-96.26	-122.13	-1768.95	-24.12	192.76	476.50
3571	4.78	15.79	8.72	-126.11	-107.63	-1666.59	-28.23	261.37	423.06
3572	5.80	15.47	8.72	-155.38	-93.23	-1563.73	-26.51	318.65	364.56
3573	6.80	15.10	8.72	-182.27	-80.11	-1463.47	-19.49	364.38	303.26
3574	7.78	14.67	8.72	-205.30	-69.31	-1368.80	-7.99	398.94	241.30
3575	8.72	14.19	8.72	-223.43	-61.62	-1282.47	6.83	423.19	180.62
3576	9.63	13.65	8.72	-236.17	-57.51	-1207.09	23.66	438.15	122.72
3577	13.81	9.42	8.72	-241.06	-112.22	-1030.39	107.50	446.78	-83.07
3578	13.27	10.25	8.72	-234.53	-93.14	-1035.23	96.66	444.22	-65.37
3579	12.67	11.05	8.72	-241.94	-79.60	-1046.23	87.01	445.10	-44.15
3580	12.98	9.37	8.72	-326.98	-89.22	-1045.82	103.18	574.84	-27.80
3581	12.60	10.08	8.72	-317.45	-85.24	-1044.94	95.66	549.00	-17.38
3582	12.18	10.78	8.72	-302.19	-78.99	-1049.83	85.54	522.66	-1.76
3583	12.15	9.31	8.72	-416.12	-73.49	-1066.52	95.47	674.24	34.55
3584	11.93	9.92	8.72	-386.91	-74.96	-1062.79	90.13	631.47	37.64
3585	11.70	10.52	8.72	-357.71	-75.28	-1064.08	82.67	592.55	43.88
3586	10.47	13.07	8.72	-243.05	-57.76	-1145.62	40.82	446.03	70.84
3587	10.27	12.33	8.72	-295.92	-69.98	-1140.88	42.17	517.92	117.60
3588	10.06	11.61	8.72	-351.12	-71.96	-1156.58	44.68	592.49	161.59
3589	11.26	12.45	8.72	-245.51	-61.19	-1098.58	57.33	449.03	25.32
3590	10.97	11.87	8.72	-298.87	-70.61	-1097.91	58.12	518.16	69.69
3591	10.67	11.30	8.72	-351.96	-72.16	-1113.33	58.71	587.55	113.04
3592	12.00	11.78	8.72	-243.51	-68.32	-1064.79	72.99	447.48	-14.14
3593	11.64	11.38	8.72	-296.81	-73.77	-1066.60	73.37	514.42	26.31
3594	11.27	10.98	8.72	-347.36	-72.88	-1080.19	72.04	578.76	68.62
3595	9.95	9.39	7.03	-633.84	-82.77	-1244.11	116.58	778.66	215.03
3596	10.83	9.35	7.03	-656.28	-94.39	-1190.96	140.63	786.50	149.23
3597	11.71	9.32	7.03	-663.17	-108.61	-1172.47	166.54	789.65	81.07
3598	10.10	10.17	7.03	-569.33	-98.41	-1231.99	120.97	720.13	201.16
3599	10.87	10.06	7.03	-583.89	-106.86	-1193.03	143.39	725.48	139.51
3600	11.64	9.94	7.03	-587.43	-118.58	-1177.80	167.11	727.58	77.02
3601	10.25	10.96	7.03	-498.91	-111.31	-1226.71	119.69	655.70	182.18
3602	10.90	10.77	7.03	-509.86	-115.96	-1198.23	139.43	661.71	129.64
3603	11.55	10.57	7.03	-515.38	-126.11	-1186.06	158.44	665.14	75.91
3604	0.48	9.71	7.03	-144.73	-25.32	-2537.95	36.03	19.99	688.38
3605	1.45	9.70	7.03	-184.48	-25.29	-2431.68	32.13	160.82	661.39
3606	2.41	9.68	7.03	-231.17	-27.40	-2305.80	30.82	289.43	629.43
3607	3.36	9.66	7.03	-282.86	-31.28	-2165.21	31.73	403.88	592.80
3608	4.32	9.63	7.03	-338.06	-36.66	-2015.27	35.01	502.76	551.63
3609	5.27	9.60	7.03	-394.91	-42.99	-1861.77	40.60	585.23	505.85
3610	6.22	9.57	7.03	-451.16	-50.06	-1710.52	49.09	651.51	455.53
3611	7.16	9.53	7.03	-505.48	-57.60	-1567.36	60.71	702.23	400.86
3612	8.10	9.48	7.03	-555.26	-65.43	-1437.99	75.84	738.86	342.05
3613	9.04	9.43	7.03	-599.07	-73.89	-1327.98	94.61	763.76	279.47
3614	0.51	11.12	7.03	-128.19	-75.08	-2405.11	39.03	-8.55	769.72
3615	1.51	11.09	7.03	-164.92	-73.09	-2303.70	30.10	130.70	737.86
3616	2.51	11.05	7.03	-208.99	-72.36	-2183.87	24.92	257.22	697.49
3617	3.50	10.99	7.03	-258.10	-72.82	-2051.09	23.40	368.63	649.79
3618	4.49	10.91	7.03	-309.96	-74.26	-1911.04	25.85	463.74	595.85
3619	5.46	10.82	7.03	-362.72	-76.44	-1769.62	32.29	541.97	536.86
3620	6.42	10.71	7.03	-413.86	-79.15	-1632.52	42.68	603.89	473.68
3621	7.38	10.59	7.03	-461.97	-82.59	-1505.11	57.18	650.75	407.20
3622	8.32	10.46	7.03	-505.15	-86.85	-1392.26	75.57	684.46	338.29
3623	9.25	10.31	7.03	-542.33	-92.39	-1298.49	97.69	707.58	267.59
3624	0.53	12.54	7.03	-116.77	-126.59	-2261.19	41.55	-37.54	793.96
3625	1.57	12.50	7.03	-149.03	-122.60	-2166.39	28.62	94.46	760.91
3626	2.61	12.43	7.03	-188.45	-118.40	-2056.23	20.15	214.57	716.58
3627	3.63	12.33	7.03	-232.61	-114.26	-1935.73	16.64	320.26	663.02
3628	4.64	12.20	7.03	-279.05	-110.40	-1810.16	18.16	410.31	602.16
3629	5.63	12.05	7.03	-325.70	-107.28	-1684.80	24.77	484.33	535.82
3630	6.61	11.87	7.03	-370.32	-105.01	-1564.68	36.27	542.86	465.71
3631	7.58	11.67	7.03	-411.32	-103.96	-1454.41	52.35	587.37	393.28
3632	8.53	11.44	7.03	-447.39	-104.61	-1358.02	72.53	619.74	319.67
3633	9.46	11.19	7.03	-477.55	-107.54	-1279.19	96.37	642.49	245.77
3634	0.54	13.97	7.03	-110.41	-162.39	-2138.43	42.83	-64.22	757.53
3635	1.62	13.91	7.03	-137.38	-157.31	-2049.69	27.83	55.82	726.73
3636	2.69	13.81	7.03	-170.75	-150.42	-1949.54	17.47	165.86	683.58
3637	3.74	13.68	7.03	-208.36	-142.58	-1841.97	12.45	263.54	630.30
3638	4.77	13.50	7.03	-247.95	-134.51	-1731.28	13.03	347.44	569.23
3639	5.79	13.29	7.03	-287.26	-126.82	-1621.79	19.21	417.16	502.58
3640	6.79	13.04	7.03	-324.50	-120.31	-1517.60	30.61	473.13	432.39
3641	7.76	12.76	7.03	-358.18	-115.68	-1422.48	46.67	516.44	360.37
3642	8.72	12.43	7.03	-387.13	-113.58	-1339.82	66.75	548.76	287.90
3643	9.65	12.08	7.03	-410.51	-114.98	-1272.85	90.09	572.09	215.82
3644	0.55	15.39	7.03	-108.68	-169.69	-2063.17	41.43	-86.22	673.06
3645	1.66	15.32	7.03	-130.18	-164.81	-1978.41	26.59	18.93	646.72
3646	2.75	15.21	7.03	-157.02	-157.17	-1885.77	16.03	116.54	608.60
3647	3.82	15.04	7.03	-187.36	-147.73	-1788.22	10.51	204.49	560.65
3648	4.88	14.82	7.03	-219.26	-137.59	-1689.03	10.42	281.40	505.04
3649	5.92	14.54	7.03	-250.93	-127.86	-1591.52	15.70	346.68	443.93
3650	6.94	14.22	7.03	-280.68	-119.47	-1498.93	26.03	400.40	379.32
3651	7.93	13.85	7.03	-307.25	-113.30	-1414.37	40.82	443.24	312.99
3652	8.89	13.44	7.03	-329.73	-110.17	-1340.75	59.26	476.35	246.40
3653	9.83	12.98	7.03	-347.39	-110.78	-1280.82	80.40	501.25	180.70
3654	0.56	16.81	7.03	-110.82	-147.47	-2042.81	35.66	-102.30	567.34
3655	1.68	16.74	7.03	-127.35	-143.64	-1959.94	22.77	-12.90	545.91
3656	2.79	16.61	7.03	-147.92	-136.84	-1871.57	13.47	71.51	514.21
3657	3.89	16.40	7.03	-171.18	-128.13	-1779.92	8.51	149.08	473.78
3658	4.97	16.14	7.03	-195.64	-118.60	-1687.44	8.29	218.54	426.28
3659	6.03	15.81	7.03	-219.82	-109.37	-1596.72	12.84	279.11	373.48
3660	7.07	15.42	7.03	-242.41	-101.52	-1510.39	21.89	330.54	317.18
3661	8.08	14.96	7.03	-262.32	-96.04	-1431.05	34.90	373.06	259.05
3662	9.05	14.45	7.03	-278.86	-93.76	-1361.26	51.16	407.32	200.61
3663	9.99	13.89	7.03	-291.91	-95.37	-1303.71	69.81	434.21	143.10

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
3664	14.30	9.44	7.03	-324.03	-210.15	-1357.10	194.66	573.56	-108.78
3665	13.74	10.32	7.03	-367.14	-189.59	-1295.38	190.45	553.30	-80.82
3666	13.14	11.15	7.03	-325.10	-156.32	-1245.47	156.97	512.09	-46.11
3667	13.44	9.38	7.03	-545.45	-170.29	-1281.75	208.99	738.33	-61.80
3668	13.05	10.14	7.03	-476.67	-157.15	-1232.22	194.88	647.71	-42.10
3669	12.62	10.87	7.03	-413.89	-148.07	-1212.55	171.73	582.95	-13.63
3670	12.58	9.32	7.03	-635.88	-131.12	-1199.05	191.62	778.83	8.11
3671	12.36	9.97	7.03	-556.89	-135.43	-1191.79	186.39	704.94	14.37
3672	12.12	10.60	7.03	-484.63	-136.51	-1190.54	172.01	641.63	28.35
3673	10.87	13.27	7.03	-300.94	-102.28	-1261.16	89.57	455.53	89.63
3674	10.65	12.50	7.03	-360.17	-115.86	-1239.15	101.84	519.79	122.79
3675	10.43	11.74	7.03	-426.38	-119.22	-1229.05	111.86	586.72	155.22
3676	11.68	12.62	7.03	-307.52	-113.28	-1235.48	110.09	473.70	39.88
3677	11.37	12.01	7.03	-371.29	-123.45	-1215.29	123.12	535.42	72.39
3678	11.07	11.42	7.03	-438.54	-124.49	-1205.25	131.54	597.54	106.08
3679	12.45	11.92	7.03	-312.16	-130.62	-1228.89	131.67	490.63	-6.15
3680	12.06	11.50	7.03	-380.55	-135.01	-1206.93	146.57	550.44	24.22
3681	11.69	11.08	7.03	-448.65	-129.66	-1193.86	152.60	607.64	58.85
3682	10.28	9.41	5.34	-779.80	-129.94	-1190.93	174.65	716.19	214.66
3683	11.20	9.37	5.34	-852.53	-141.45	-1166.64	215.12	742.36	152.90
3684	12.11	9.33	5.34	-935.48	-156.41	-1175.63	266.06	773.56	84.95
3685	10.45	10.23	5.34	-696.41	-148.79	-1209.45	189.70	671.98	204.52
3686	11.25	10.11	5.34	-746.01	-159.66	-1194.66	228.03	692.47	145.45
3687	12.04	9.99	5.34	-799.08	-176.76	-1203.59	275.46	715.91	82.15
3688	10.61	11.05	5.34	-601.22	-164.90	-1234.79	192.12	620.94	190.10
3689	11.28	10.85	5.34	-633.54	-173.53	-1224.57	225.19	638.22	138.55
3690	11.95	10.64	5.34	-670.12	-192.11	-1231.33	261.37	656.68	83.50
3691	0.50	9.74	5.34	-200.91	-96.69	-2185.55	56.98	-31.01	631.46
3692	1.50	9.73	5.34	-236.99	-95.20	-2095.00	52.73	94.99	608.94
3693	2.49	9.71	5.34	-281.08	-95.06	-1990.86	51.17	211.40	581.52
3694	3.48	9.69	5.34	-331.85	-96.23	-1876.99	52.51	316.44	549.59
3695	4.47	9.66	5.34	-387.88	-98.49	-1757.70	56.92	408.95	513.43
3696	5.45	9.63	5.34	-447.85	-101.68	-1637.57	64.79	488.46	473.22
3697	6.43	9.59	5.34	-510.65	-105.63	-1521.33	76.53	555.02	429.09
3698	7.40	9.55	5.34	-575.31	-110.28	-1413.77	92.72	609.39	381.09
3699	8.38	9.51	5.34	-641.61	-115.78	-1319.57	113.97	652.99	329.26
3700	9.34	9.45	5.34	-709.92	-122.37	-1243.37	141.08	687.93	273.55
3701	0.53	11.23	5.34	-194.25	-138.79	-2112.72	61.83	-53.31	701.93
3702	1.57	11.20	5.34	-226.63	-135.94	-2024.12	54.62	71.77	675.44
3703	2.61	11.15	5.34	-266.88	-133.64	-1923.70	50.91	186.84	641.40
3704	3.63	11.08	5.34	-313.28	-132.00	-1815.44	51.15	290.01	600.84
3705	4.65	11.00	5.34	-364.14	-131.06	-1703.78	55.65	380.12	554.74
3706	5.66	10.90	5.34	-417.79	-130.88	-1593.27	64.72	456.87	503.93
3707	6.65	10.79	5.34	-473.00	-131.58	-1488.37	78.71	520.60	449.17
3708	7.64	10.67	5.34	-528.78	-133.35	-1393.36	97.92	572.33	391.07
3709	8.61	10.52	5.34	-584.93	-136.59	-1312.24	122.84	613.72	330.04
3710	9.58	10.37	5.34	-642.21	-142.01	-1248.85	154.14	647.10	266.28
3711	0.55	12.72	5.34	-191.50	-174.53	-2046.33	64.54	-76.63	729.97
3712	1.63	12.67	5.34	-218.98	-170.70	-1960.27	55.34	43.25	702.19
3713	2.71	12.59	5.34	-253.64	-166.26	-1865.16	50.07	153.75	664.80
3714	3.77	12.49	5.34	-293.66	-161.67	-1764.62	49.36	252.89	619.31
3715	4.81	12.35	5.34	-337.19	-157.34	-1662.61	53.65	339.52	567.24
3716	5.84	12.19	5.34	-382.49	-153.67	-1563.19	63.20	413.31	510.01
3717	6.86	12.01	5.34	-428.20	-151.19	-1470.24	78.15	474.66	448.84
3718	7.85	11.79	5.34	-473.35	-150.46	-1387.38	98.62	524.56	384.75
3719	8.83	11.55	5.34	-517.64	-152.28	-1317.97	124.87	564.65	318.47
3720	9.79	11.29	5.34	-561.54	-157.72	-1265.20	157.53	597.28	250.44
3721	0.56	14.21	5.34	-192.11	-190.56	-2006.87	64.13	-99.13	711.96
3722	1.69	14.15	5.34	-214.23	-186.69	-1922.56	54.50	11.71	685.43
3723	2.79	14.05	5.34	-242.36	-181.16	-1832.15	48.72	114.66	648.26
3724	3.88	13.90	5.34	-274.83	-174.70	-1738.63	47.55	207.75	602.17
3725	4.95	13.72	5.34	-309.86	-168.10	-1645.24	51.43	289.81	548.92
3726	6.01	13.50	5.34	-345.86	-162.19	-1555.31	60.58	360.39	490.21
3727	7.04	13.24	5.34	-381.44	-157.76	-1472.04	75.01	419.69	427.57
3728	8.05	12.93	5.34	-415.67	-155.70	-1398.45	94.63	468.51	362.28
3729	9.04	12.60	5.34	-448.09	-157.03	-1337.38	119.40	508.22	295.30
3730	10.00	12.22	5.34	-478.69	-163.35	-1291.79	149.51	540.71	227.06
3731	0.58	15.70	5.34	-194.91	-179.98	-2004.48	59.36	-119.13	652.34
3732	1.72	15.63	5.34	-211.93	-177.01	-1920.55	50.95	-20.25	628.95
3733	2.86	15.51	5.34	-233.52	-171.87	-1832.84	45.88	72.74	595.11
3734	3.97	15.33	5.34	-258.33	-165.45	-1743.72	44.90	158.07	552.38
3735	5.07	15.10	5.34	-284.88	-158.70	-1655.78	48.46	234.55	502.44
3736	6.15	14.81	5.34	-311.77	-152.59	-1571.68	56.73	301.54	446.95
3737	7.20	14.48	5.34	-337.80	-148.12	-1494.07	69.63	359.01	387.52
3738	8.23	14.09	5.34	-362.13	-146.25	-1425.52	86.95	407.40	325.55
3739	9.22	13.65	5.34	-384.35	-148.07	-1368.58	108.42	447.62	262.12
3740	10.19	13.17	5.34	-404.26	-154.69	-1325.90	133.72	481.11	198.06
3741	0.58	17.20	5.34	-198.63	-149.14	-2029.52	49.27	-135.36	563.90
3742	1.75	17.12	5.34	-211.35	-147.31	-1945.39	43.00	-50.23	544.70
3743	2.90	16.98	5.34	-227.21	-143.42	-1858.86	39.45	31.32	516.17
3744	4.04	16.77	5.34	-245.19	-138.30	-1771.84	39.27	107.72	479.54
3745	5.16	16.49	5.34	-264.18	-132.86	-1686.47	42.86	177.80	436.11
3746	6.26	16.14	5.34	-283.08	-128.09	-1604.96	50.32	240.84	387.27
3747	7.34	15.73	5.34	-300.91	-124.93	-1529.59	61.56	296.49	334.44
3748	8.38	15.25	5.34	-316.93	-124.32	-1462.61	76.33	344.84	278.96
3749	9.39	14.72	5.34	-330.80	-127.22	-1406.37	94.29	386.36	222.05
3750	10.36	14.12	5.34	-342.88	-134.58	-1363.56	115.08	421.78	164.59
3751	14.78	9.47	5.34	-1105.42	-509.38	-1798.90	592.02	981.19	-208.77
3752	14.22	10.38	5.34	-504.04	-342.41	-1482.64	330.21	637.67	-116.22
3753	13.60	11.25	5.34	-414.49	-252.71	-1390.42	238.29	556.70	-53.97
3754	13.89	9.40	5.34	-1106.48	-241.14	-1376.50	430.55	876.91	-93.86
3755	13.50	10.19	5.34	-747.32	-269.37	-1346.72	375.82	707.50	-60.26
3756	13.07	10.96	5.34	-537.47	-241.74	-1318.88	284.73	610.95	-13.95
3757	13.01	9.34	5.34	-1024.84	-184.72	-1235.48	334.47	813.93	3.44
3758	12.78	10.01	5.34	-818.90	-207.22	-1250.46	328.20	724.91	12.74
3759	12.54	10.67	5.34	-646.62	-215.62	-1262.20	291.48	651.35	33.16
3760	11.26	13.48	5.34	-353.04	-148.55	-1336.48	138.00	452.67	109.66
3761	11.04	12.67	5.34	-422.07	-167.29	-1300.12	160.91	508.85	140.17
3762	10.80	11.87	5.34	-504.70	-173.67	-1265.78	179.65	564.82	168.27

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
3763	12.10	12.79	5.34	-363.46	-168.73	-1327.97	163.63	482.03	55.80
3764	11.78	12.16	5.34	-441.77	-184.16	-1291.32	190.86	534.42	87.40
3765	11.46	11.53	5.34	-530.90	-186.26	-1256.98	209.79	584.90	118.62
3766	12.89	12.06	5.34	-374.47	-199.15	-1342.14	194.75	513.68	2.12
3767	12.49	11.61	5.34	-465.82	-209.17	-1300.45	228.63	562.30	34.11
3768	12.10	11.18	5.34	-561.14	-199.62	-1261.17	247.61	607.00	68.48
3769	-7.92	9.28	17.16	-798.93	-203.44	-317.32	-101.16	-413.51	152.86
3770	-8.63	9.25	17.16	-524.85	-125.82	-225.92	-157.83	-254.81	56.84
3771	-9.33	9.23	17.16	-335.37	-85.30	-168.35	-179.06	-142.80	-10.28
3772	-8.01	9.84	17.16	-647.58	-139.30	-263.71	-150.64	-308.60	81.05
3773	-8.63	9.76	17.16	-459.78	-95.94	-202.72	-181.85	-199.27	13.93
3774	-9.24	9.67	17.16	-321.73	-75.71	-157.65	-190.49	-118.49	-34.73
3775	-8.10	10.40	17.16	-531.53	-95.06	-220.20	-187.08	-219.89	14.49
3776	-8.62	10.26	17.16	-408.61	-76.52	-179.23	-198.42	-149.81	-25.31
3777	-9.14	10.12	17.16	-309.79	-70.48	-145.45	-199.11	-92.72	-58.11
3778	-0.38	9.50	17.16	-1414.22	-1240.58	-6678.92	13.92	403.56	-2333.69
3779	-1.15	9.49	17.16	-1790.92	-1381.93	-8825.20	-85.14	1487.49	-1067.37
3780	-1.91	9.48	17.16	-1644.46	-1435.83	-10816.20	-169.79	-98.47	52.72
3781	-2.67	9.47	17.16	-1913.02	-1497.95	-12085.40	-174.94	-600.64	357.22
3782	-3.43	9.45	17.16	-2206.41	-1820.95	-14733.90	-64.19	-1381.09	751.72
3783	-4.19	9.43	17.16	-6364.40	-2340.82	-9995.64	985.11	-6759.43	869.02
3784	-4.94	9.40	17.16	-3555.00	-1962.26	-3503.87	881.39	-2948.34	1992.90
3785	-5.70	9.38	17.16	-2770.42	-1207.21	-1825.18	708.17	-2087.59	1254.00
3786	-6.45	9.34	17.16	-1853.88	-602.65	-863.06	258.07	-1162.95	572.84
3787	-7.20	9.31	17.16	-1218.31	-341.56	-493.96	17.27	-677.44	292.11
3788	-0.40	10.50	17.16	-2077.14	-1110.92	-11913.00	-13.97	54.11	582.17
3789	-1.19	10.48	17.16	-2086.62	-1283.81	-12581.10	-90.39	-136.21	694.02
3790	-1.98	10.45	17.16	-2101.77	-1610.31	-13880.10	-94.33	-632.08	947.95
3791	-2.76	10.41	17.16	-3967.55	-3064.13	-11733.80	1118.57	-3712.17	2935.76
3792	-3.54	10.35	17.16	-3248.11	-4478.94	-9482.12	1735.40	-2147.15	6323.79
3793	-4.31	10.29	17.16	-4957.60	-3007.89	-5895.96	2074.51	-5069.87	4095.03
3794	-5.08	10.22	17.16	-2822.62	-1063.66	-1829.08	636.26	-2049.45	1193.01
3795	-5.83	10.13	17.16	-1855.94	-712.21	-977.66	275.05	-1174.08	708.13
3796	-6.59	10.04	17.16	-1334.39	-413.33	-587.26	70.18	-764.85	391.54
3797	-7.33	9.93	17.16	-928.23	-228.73	-373.14	-78.02	-480.07	186.34
3798	-0.41	11.50	17.16	-2198.67	-4423.89	-7370.23	463.66	-122.42	5491.51
3799	-1.23	11.47	17.16	-2356.48	-4628.45	-7847.03	754.98	-430.54	5875.33
3800	-2.04	11.42	17.16	-2568.40	-4866.24	-8415.76	1266.88	-1136.54	6565.18
3801	-2.84	11.35	17.16	-3780.26	-3359.10	-5540.65	1821.19	-3768.33	4406.31
3802	-3.64	11.26	17.16	-2434.71	-1615.21	-2047.16	663.42	-1657.05	1842.85
3803	-4.42	11.16	17.16	-1886.59	-1319.32	-1441.62	564.65	-1182.12	1452.53
3804	-5.20	11.03	17.16	-1829.77	-805.56	-1050.17	375.34	-1186.02	928.81
3805	-5.96	10.89	17.16	-1340.17	-405.82	-613.95	60.18	-736.30	426.04
3806	-6.72	10.73	17.16	-977.74	-243.73	-409.37	-76.95	-484.80	215.23
3807	-7.46	10.56	17.16	-714.87	-143.87	-290.21	-151.78	-322.97	86.32
3808	-0.42	12.50	17.16	-1277.29	-1553.67	-1387.24	285.98	-44.81	1648.68
3809	-1.26	12.46	17.16	-1398.23	-1564.97	-1438.56	344.63	-200.88	1741.07
3810	-2.09	12.39	17.16	-1537.76	-1479.71	-1290.47	376.87	-552.34	1612.53
3811	-2.91	12.30	17.16	-1515.62	-1222.53	-1210.48	412.20	-641.34	1389.32
3812	-3.72	12.18	17.16	-1625.81	-843.50	-1060.76	318.11	-853.20	1011.87
3813	-4.52	12.03	17.16	-1358.62	-525.93	-722.14	87.35	-622.48	593.86
3814	-5.30	11.86	17.16	-1128.99	-367.19	-534.33	-5.38	-501.82	387.18
3815	-6.08	11.66	17.16	-954.39	-224.00	-404.07	-90.04	-418.20	210.15
3816	-6.84	11.44	17.16	-741.96	-130.61	-297.28	-165.71	-294.62	72.78
3817	-7.58	11.19	17.16	-563.35	-88.84	-223.87	-199.84	-199.20	-6.10
3818	-0.43	13.50	17.16	-1057.64	-388.96	-592.15	144.66	-49.54	443.83
3819	-1.28	13.45	17.16	-1108.46	-383.74	-596.89	96.55	-113.04	443.20
3820	-2.13	13.37	17.16	-1118.49	-368.34	-592.29	53.95	-169.86	426.63
3821	-2.96	13.26	17.16	-1119.91	-325.78	-542.75	8.39	-248.64	367.55
3822	-3.79	13.10	17.16	-1052.85	-253.73	-468.57	-44.77	-273.29	275.31
3823	-4.60	12.92	17.16	-971.82	-181.61	-400.96	-103.55	-283.08	171.11
3824	-5.40	12.69	17.16	-837.80	-127.66	-322.20	-161.67	-237.17	73.74
3825	-6.18	12.44	17.16	-704.15	-96.89	-253.73	-192.11	-194.53	6.72
3826	-6.95	12.15	17.16	-579.46	-75.66	-194.66	-211.48	-150.01	-46.12
3827	-7.70	11.82	17.16	-458.78	-68.00	-142.75	-219.60	-100.36	-81.76
3828	-0.43	14.50	17.16	-881.58	-29.21	-143.64	46.20	-75.43	-68.06
3829	-1.30	14.45	17.16	-895.78	-29.09	-147.00	-12.01	-70.49	-71.94
3830	-2.15	14.36	17.16	-887.67	-35.33	-144.12	-67.90	-69.62	-76.44
3831	-3.00	14.22	17.16	-852.98	-43.24	-136.10	-115.48	-69.23	-81.43
3832	-3.84	14.03	17.16	-801.94	-49.68	-120.15	-154.26	-72.53	-89.65
3833	-4.67	13.80	17.16	-729.11	-54.09	-95.05	-185.05	-69.53	-101.64
3834	-5.48	13.53	17.16	-645.39	-59.85	-66.97	-205.97	-61.23	-113.20
3835	-6.27	13.22	17.16	-554.03	-67.46	-37.46	-217.06	-45.42	-121.21
3836	-7.05	12.86	17.16	-464.96	-76.16	-8.99	-217.70	-29.01	-124.18
3837	-7.80	12.46	17.16	-381.77	-84.86	17.50	-211.52	-11.88	-123.86
3838	-11.39	9.32	17.16	-90.52	-99.55	55.26	-118.94	49.57	-86.04
3839	-10.90	9.94	17.16	-120.21	-103.66	62.34	-134.00	44.09	-92.12
3840	-10.38	10.53	17.16	-153.68	-105.86	69.44	-149.14	38.37	-98.61
3841	-10.71	9.27	17.16	-129.54	-80.56	-58.57	-155.10	7.93	-91.36
3842	-10.36	9.81	17.16	-157.60	-82.76	-50.20	-165.84	6.15	-97.19
3843	-9.99	10.33	17.16	-187.43	-84.81	-39.06	-175.22	4.05	-102.71
3844	-10.03	9.23	17.16	-206.23	-72.88	-122.02	-176.32	-54.76	-63.57
3845	-9.82	9.69	17.16	-220.88	-72.35	-114.75	-184.48	-47.45	-74.92
3846	-9.60	10.14	17.16	-240.10	-73.29	-103.84	-191.09	-41.73	-84.51
3847	-8.51	12.03	17.16	-310.02	-94.21	38.69	-199.77	4.68	-118.68
3848	-8.36	11.49	17.16	-364.09	-70.95	-103.69	-214.81	-60.80	-99.22
3849	-8.21	10.95	17.16	-436.15	-72.90	-176.89	-210.61	-132.46	-50.43
3850	-9.16	11.57	17.16	-249.10	-101.91	53.28	-185.43	18.97	-112.17
3851	-8.95	11.14	17.16	-291.88	-77.28	-74.05	-204.09	-32.09	-105.38
3852	-8.73	10.72	17.16	-350.32	-71.66	-143.46	-208.07	-90.34	-71.73
3853	-9.80	11.08	17.16	-197.03	-107.34	66.74	-167.84	30.34	-103.42
3854	-9.51	10.78	17.16	-231.99	-85.00	-46.11	-189.50	-8.63	-105.96
3855	-9.23	10.48	17.16	-279.46	-73.58	-112.37	-198.55	-54.99	-85.35
3856	-8.26	9.30	15.47	-1098.12	-223.67	-1059.28	331.62	-1165.56	491.47
3857	-8.99	9.27	15.47	-860.56	-128.77	-786.86	240.44	-868.94	299.53
3858	-9.73	9.24	15.47	-643.40	-52.25	-594.96	160.46	-636.70	153.88
3859	-8.36	9.90	15.47	-910.85	-161.46	-889.95	281.64	-952.92	377.14
3860	-9.00	9.81	15.47	-734.47	-91.74	-701.69	205.49	-747.88	233.71
3861	-9.64	9.72	15.47	-572.00	-34.42	-553.54	141.07	-580.86	120.30



Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
3862	-8.45	10.50	15.47	-730.77	-101.97	-744.35	227.71	-772.29	267.77
3863	-9.00	10.35	15.47	-611.73	-55.06	-617.16	171.31	-640.70	169.65
3864	-9.54	10.20	15.47	-496.96	-15.39	-508.03	121.72	-526.59	85.93
3865	-0.40	9.53	15.47	-1303.61	-106.88	-6737.26	-157.60	464.04	-86.01
3866	-1.20	9.53	15.47	-929.36	-154.74	-7327.37	-362.94	313.42	112.07
3867	-1.99	9.52	15.47	-723.97	-203.15	-7930.20	-311.84	27.29	439.08
3868	-2.78	9.50	15.47	-700.25	-147.56	-8227.54	-310.34	-704.28	948.42
3869	-3.58	9.48	15.47	-513.57	-20.32	-7448.75	-185.93	-1693.71	1491.38
3870	-4.37	9.46	15.47	-114.17	-288.27	-6684.63	-170.75	-2024.39	1980.80
3871	-5.15	9.43	15.47	-1461.58	-587.81	-5368.37	307.78	-3018.78	1809.02
3872	-5.94	9.40	15.47	-1602.47	-521.20	-3457.33	511.13	-2593.16	1476.93
3873	-6.72	9.37	15.47	-1570.44	-447.40	-2247.11	517.47	-2067.95	1080.53
3874	-7.50	9.33	15.47	-1349.37	-330.82	-1497.22	427.48	-1556.81	739.55
3875	-0.41	10.60	15.47	-900.56	384.29	-6831.18	-78.46	210.37	1222.39
3876	-1.24	10.58	15.47	-775.36	269.12	-7225.51	-178.07	-19.09	1492.68
3877	-2.06	10.55	15.47	-540.97	139.76	-7215.88	-181.51	-655.90	1879.43
3878	-2.88	10.51	15.47	-308.16	117.47	-7071.15	-407.29	-1093.25	2121.90
3879	-3.69	10.45	15.47	-673.66	159.03	-6174.20	-115.53	-2153.63	1928.88
3880	-4.49	10.38	15.47	-637.75	-185.20	-4862.25	358.42	-2180.41	1983.67
3881	-5.29	10.30	15.47	-1468.28	-601.16	-3653.34	657.56	-2472.30	1786.40
3882	-6.08	10.21	15.47	-1461.66	-491.92	-2413.20	597.26	-2027.34	1270.14
3883	-6.87	10.11	15.47	-1304.07	-361.68	-1657.02	490.36	-1592.17	873.59
3884	-7.65	10.00	15.47	-1107.97	-249.33	-1182.18	377.31	-1228.64	578.40
3885	-0.43	11.67	15.47	-625.61	152.17	-5454.52	-87.36	31.36	2344.26
3886	-1.28	11.64	15.47	-512.72	104.99	-5602.14	-90.74	-314.68	2466.83
3887	-2.12	11.59	15.47	-324.69	60.81	-5341.47	24.90	-918.44	2431.74
3888	-2.96	11.52	15.47	-358.00	-443.78	-4976.03	230.66	-1258.26	2581.81
3889	-3.79	11.43	15.47	-999.69	-991.47	-4347.20	581.77	-1887.43	2569.43
3890	-4.61	11.31	15.47	-1128.74	-813.53	-3241.33	715.75	-1937.77	1998.33
3891	-5.42	11.18	15.47	-1134.24	-560.02	-2324.48	650.72	-1720.06	1413.71
3892	-6.22	11.03	15.47	-1136.08	-412.93	-1686.50	549.17	-1469.10	983.21
3893	-7.01	10.86	15.47	-1020.21	-275.43	-1240.55	421.10	-1192.46	656.33
3894	-7.79	10.67	15.47	-868.31	-170.96	-938.24	308.62	-950.78	420.26
3895	-0.44	12.74	15.47	-527.07	-1117.14	-3265.61	2.45	-82.33	2409.31
3896	-1.31	12.70	15.47	-483.72	-1175.80	-3322.01	110.99	-375.83	2471.72
3897	-2.18	12.64	15.47	-478.23	-1205.60	-3231.75	299.82	-727.03	2426.48
3898	-3.03	12.54	15.47	-599.24	-1052.67	-2838.01	509.80	-1091.16	2115.25
3899	-3.88	12.41	15.47	-682.88	-831.86	-2301.89	551.51	-1194.52	1687.92
3900	-4.72	12.25	15.47	-793.65	-670.13	-1870.57	565.08	-1213.71	1323.77
3901	-5.54	12.07	15.47	-830.54	-469.10	-1497.32	515.14	-1147.18	974.93
3902	-6.35	11.85	15.47	-801.15	-297.60	-1178.23	419.30	-1017.31	673.43
3903	-7.14	11.61	15.47	-736.09	-178.64	-925.62	320.52	-869.03	441.33
3904	-7.92	11.34	15.47	-637.70	-93.14	-728.87	229.88	-722.30	267.47
3905	-0.45	13.81	15.47	-313.80	-787.20	-1530.96	19.61	-111.49	1289.13
3906	-1.34	13.77	15.47	-306.45	-804.66	-1547.12	101.92	-271.95	1301.88
3907	-2.22	13.68	15.47	-317.42	-771.89	-1508.60	207.08	-445.81	1250.26
3908	-3.10	13.56	15.47	-360.75	-678.55	-1426.62	301.43	-596.06	1131.82
3909	-3.96	13.39	15.47	-432.88	-539.73	-1294.17	355.96	-707.72	952.45
3910	-4.81	13.19	15.47	-478.50	-392.25	-1118.70	352.89	-745.13	745.75
3911	-5.65	12.95	15.47	-505.23	-265.09	-945.40	323.32	-734.70	552.04
3912	-6.47	12.68	15.47	-501.74	-154.67	-783.77	270.48	-689.42	378.42
3913	-7.27	12.37	15.47	-468.70	-71.87	-635.71	207.55	-619.63	232.19
3914	-8.04	12.02	15.47	-415.78	-16.36	-504.44	148.12	-538.82	117.09
3915	-0.45	14.88	15.47	-132.12	-261.60	-611.52	21.12	-126.26	482.35
3916	-1.36	14.83	15.47	-122.52	-260.87	-622.98	53.32	-198.50	480.19
3917	-2.26	14.73	15.47	-117.65	-244.28	-620.04	91.85	-274.84	457.92
3918	-3.15	14.58	15.47	-126.11	-207.80	-598.11	129.94	-350.43	410.61
3919	-4.03	14.38	15.47	-147.56	-155.30	-557.19	155.75	-412.97	339.82
3920	-4.89	14.14	15.47	-176.34	-97.80	-499.67	162.34	-454.69	253.41
3921	-5.74	13.85	15.47	-198.44	-44.90	-428.18	150.40	-469.37	162.51
3922	-6.57	13.51	15.47	-210.51	-1.62	-351.03	127.81	-460.55	77.55
3923	-7.38	13.13	15.47	-209.49	30.94	-273.79	98.76	-433.06	3.43
3924	-8.16	12.70	15.47	-194.99	51.47	-199.76	68.96	-391.52	-56.96
3925	-11.87	9.34	15.47	-92.29	81.64	-10.77	13.60	-165.12	-136.37
3926	-11.37	10.00	15.47	-96.97	77.63	-12.60	13.65	-188.31	-142.88
3927	-10.84	10.64	15.47	-103.47	75.24	-16.30	13.56	-215.43	-148.45
3928	-11.16	9.29	15.47	-255.95	54.01	-253.04	40.51	-296.88	-54.65
3929	-10.80	9.87	15.47	-244.99	53.60	-240.54	40.01	-303.93	-60.81
3930	-10.42	10.43	15.47	-234.39	54.26	-225.58	40.02	-312.28	-67.15
3931	-10.45	9.25	15.47	-438.33	9.01	-432.74	90.96	-447.94	36.04
3932	-10.24	9.74	15.47	-404.27	14.86	-411.41	83.98	-431.88	23.06
3933	-10.01	10.22	15.47	-373.21	21.72	-384.45	78.13	-418.52	10.22
3934	-8.90	12.24	15.47	-173.85	62.78	-136.33	44.70	-344.74	-99.20
3935	-8.74	11.66	15.47	-359.26	17.56	-402.02	102.52	-465.05	37.76
3936	-8.57	11.08	15.47	-543.55	-39.90	-593.67	164.96	-605.73	154.17
3937	-9.58	11.75	15.47	-149.43	68.06	-85.23	27.13	-298.52	-127.05
3938	-9.35	11.29	15.47	-307.14	36.02	-323.90	71.58	-403.12	-14.19
3939	-9.11	10.84	15.47	-466.30	-9.00	-498.62	123.24	-522.15	84.16
3940	-10.24	11.22	15.47	-122.28	71.92	-39.55	16.60	-253.27	-144.10
3941	-9.94	10.90	15.47	-255.90	49.03	-251.68	48.82	-345.83	-54.09
3942	-9.64	10.59	15.47	-391.75	15.00	-411.44	90.60	-447.26	28.12
3943	-8.59	9.32	13.78	-708.01	-51.57	-1702.71	305.73	-1402.78	611.90
3944	-9.36	9.29	13.78	-623.79	-2.56	-1357.97	265.81	-1181.98	438.93
3945	-10.12	9.26	13.78	-510.24	46.05	-1090.03	216.33	-974.80	287.64
3946	-8.70	9.96	13.78	-603.79	-28.54	-1481.88	294.85	-1226.93	529.21
3947	-9.37	9.87	13.78	-532.26	13.78	-1236.48	253.21	-1065.23	385.77
3948	-10.03	9.77	13.78	-446.07	53.72	-1032.85	209.37	-912.57	257.98
3949	-8.80	10.59	13.78	-487.92	-1.40	-1285.73	272.87	-1065.20	434.43
3950	-9.37	10.44	13.78	-438.06	31.93	-1120.49	237.18	-956.16	325.33
3951	-9.94	10.27	13.78	-379.29	62.60	-976.92	200.75	-848.86	222.54
3952	-0.41	9.57	13.78	-392.21	245.77	-5443.33	-81.48	153.60	743.13
3953	-1.24	9.56	13.78	-325.18	249.20	-5638.61	-125.39	-47.10	837.97
3954	-2.07	9.55	13.78	-192.63	241.48	-5751.52	-191.29	-373.66	986.60
3955	-2.90	9.54	13.78	-67.61	183.96	-5650.14	-171.03	-801.26	1134.38
3956	-3.72	9.52	13.78	-147.95	60.46	-5369.00	-117.16	-1205.43	1240.96
3957	-4.54	9.49	13.78	-364.67	38.30	-4813.05	49.04	-1571.77	1240.01
3958	-5.36	9.46	13.78	-297.80	7.42	-4159.50	116.94	-1707.24	1226.38
3959	-6.18	9.43	13.78	-554.76	-97.20	-3500.77	220.45	-1870.74	1147.42
3960	-6.99	9.39	13.78	-691.48	-116.18	-2777.08	297.72	-1803.58	997.54

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
3961	-7.81	9.35	13.78	-741.50	-95.37	-2168.72	323.37	-1624.88	803.49
3962	-0.43	10.71	13.78	-257.67	216.97	-5027.80	-93.76	60.31	1318.23
3963	-1.29	10.69	13.78	-168.47	200.02	-5128.36	-112.54	-232.72	1410.46
3964	-2.14	10.66	13.78	-126.06	144.11	-5130.23	-93.68	-552.42	1499.29
3965	-2.99	10.61	13.78	-135.45	52.11	-4918.33	59.86	-958.05	1531.69
3966	-3.84	10.55	13.78	-156.94	-73.00	-4549.88	128.37	-1248.09	1529.40
3967	-4.68	10.48	13.78	-363.68	-127.15	-4058.93	158.32	-1538.96	1443.70
3968	-5.51	10.39	13.78	-385.09	-95.55	-3447.47	249.93	-1641.18	1309.01
3969	-6.33	10.30	13.78	-566.59	-123.00	-2845.68	330.06	-1685.00	1128.66
3970	-7.15	10.19	13.78	-647.07	-109.64	-2273.80	348.80	-1573.55	911.91
3971	-7.96	10.06	13.78	-649.18	-72.08	-1816.66	330.41	-1402.66	703.54
3972	-0.44	11.85	13.78	-135.38	-37.93	-4139.57	-53.96	-38.40	1649.31
3973	-1.33	11.82	13.78	-91.46	-76.55	-4177.65	-10.10	-335.36	1700.05
3974	-2.21	11.76	13.78	-112.20	-150.30	-4117.30	47.33	-619.68	1731.91
3975	-3.08	11.69	13.78	-136.91	-128.06	-3916.33	115.60	-925.81	1675.61
3976	-3.95	11.59	13.78	-114.76	-57.14	-3577.57	199.10	-1167.49	1544.92
3977	-4.80	11.47	13.78	-274.86	-125.28	-3172.20	281.23	-1369.78	1410.78
3978	-5.65	11.33	13.78	-418.77	-165.18	-2701.14	354.84	-1448.47	1227.53
3979	-6.48	11.17	13.78	-499.15	-135.22	-2242.45	371.84	-1418.74	1002.02
3980	-7.30	10.98	13.78	-536.96	-91.72	-1845.27	353.60	-1321.65	780.50
3981	-8.11	10.78	13.78	-525.98	-42.94	-1519.79	314.07	-1189.28	583.08
3982	-0.46	12.99	13.78	-36.44	-178.08	-3048.07	-27.02	-98.42	1623.75
3983	-1.37	12.95	13.78	-17.03	-191.00	-3073.25	40.51	-340.04	1639.02
3984	-2.27	12.88	13.78	-20.11	-198.15	-3004.54	116.80	-585.11	1601.93
3985	-3.16	12.77	13.78	-55.25	-241.96	-2868.86	189.59	-803.44	1542.51
3986	-4.04	12.64	13.78	-146.70	-270.11	-2657.62	289.00	-1005.85	1428.95
3987	-4.92	12.47	13.78	-233.82	-227.98	-2359.18	346.77	-1129.97	1234.60
3988	-5.77	12.27	13.78	-313.64	-173.78	-2040.97	364.84	-1168.74	1015.35
3989	-6.62	12.04	13.78	-370.03	-116.54	-1746.07	355.07	-1146.30	804.03
3990	-7.45	11.78	13.78	-391.70	-58.38	-1485.47	322.36	-1081.82	610.36
3991	-8.26	11.49	13.78	-384.02	-7.35	-1261.94	278.98	-992.07	440.11
3992	-0.47	14.13	13.78	33.00	-342.44	-2052.31	1.80	-127.83	1286.04
3993	-1.40	14.08	13.78	44.37	-346.26	-2079.22	70.74	-303.50	1291.59
3994	-2.32	13.99	13.78	36.39	-335.12	-2055.36	144.54	-480.24	1252.80
3995	-3.23	13.86	13.78	5.46	-301.77	-1970.52	216.39	-644.20	1161.89
3996	-4.13	13.68	13.78	-42.52	-252.23	-1839.57	270.18	-770.49	1031.46
3997	-5.02	13.47	13.78	-105.79	-193.57	-1686.15	304.74	-857.70	878.85
3998	-5.89	13.21	13.78	-163.27	-126.57	-1517.22	311.82	-900.37	712.99
3999	-6.75	12.92	13.78	-206.30	-63.37	-1345.49	297.09	-900.47	549.23
4000	-7.58	12.59	13.78	-230.86	-8.77	-1182.28	268.28	-868.14	398.69
4001	-8.39	12.22	13.78	-235.53	36.20	-1032.37	232.23	-813.02	265.77
4002	-0.47	15.27	13.78	127.05	-204.48	-1376.23	24.23	-127.47	681.79
4003	-1.42	15.22	13.78	138.35	-200.93	-1403.91	71.07	-240.65	679.05
4004	-2.36	15.11	13.78	137.51	-184.01	-1406.84	120.24	-355.45	650.37
4005	-3.29	14.95	13.78	120.76	-153.96	-1383.31	165.85	-463.93	595.60
4006	-4.21	14.74	13.78	88.57	-113.18	-1332.15	201.71	-557.80	517.16
4007	-5.12	14.48	13.78	46.88	-66.26	-1256.14	222.85	-627.90	421.91
4008	-6.00	14.16	13.78	1.50	-18.68	-1162.93	228.67	-670.87	319.11
4009	-6.87	13.80	13.78	-39.51	25.64	-1059.41	220.21	-686.09	216.33
4010	-7.71	13.39	13.78	-71.02	63.28	-952.16	201.57	-675.85	120.58
4011	-8.53	12.94	13.78	-90.66	93.23	-847.51	177.42	-644.50	36.02
4012	-12.36	9.36	13.78	-102.00	162.88	-467.49	80.55	-396.82	-135.16
4013	-11.85	10.07	13.78	-98.09	157.24	-501.41	88.98	-424.56	-136.04
4014	-11.29	10.74	13.78	-94.18	151.88	-540.40	98.18	-456.60	-134.60
4015	-11.62	9.31	13.78	-237.83	128.88	-662.27	118.66	-590.82	11.02
4016	-11.25	9.92	13.78	-216.50	125.31	-670.37	125.28	-593.21	6.05
4017	-10.86	10.52	13.78	-194.79	122.09	-681.09	131.51	-596.40	0.70
4018	-10.88	9.26	13.78	-376.43	90.15	-867.52	164.23	-777.51	145.83
4019	-10.66	9.79	13.78	-336.86	91.02	-849.79	165.23	-753.22	133.47
4020	-10.43	10.30	13.78	-298.25	92.41	-830.88	166.08	-730.87	118.94
4021	-9.29	12.45	13.78	-99.85	115.33	-753.15	152.89	-601.40	-30.73
4022	-9.12	11.83	13.78	-227.83	69.14	-911.05	198.69	-751.98	163.64
4023	-8.94	11.22	13.78	-359.24	30.94	-1097.98	239.42	-904.14	313.92
4024	-10.00	11.92	13.78	-101.68	131.36	-670.39	130.85	-554.04	-80.97
4025	-9.75	11.44	13.78	-214.53	92.53	-815.64	170.87	-692.98	88.67
4026	-9.50	10.96	13.78	-330.33	58.41	-980.07	208.40	-830.19	225.09
4027	-10.68	11.36	13.78	-96.69	144.15	-595.68	111.86	-502.08	-118.53
4028	-10.36	11.02	13.78	-195.53	112.04	-728.20	145.84	-631.51	24.95
4029	-10.04	10.69	13.78	-296.37	82.07	-872.81	179.94	-756.22	147.44
4030	-8.93	9.34	12.09	-416.59	32.21	-2003.15	239.49	-1357.15	577.69
4031	-9.73	9.31	12.09	-405.78	52.64	-1716.95	226.77	-1227.51	443.18
4032	-10.52	9.27	12.09	-366.35	77.33	-1481.89	203.28	-1079.07	311.87
4033	-9.04	10.02	12.09	-366.52	29.49	-1822.76	247.67	-1234.98	523.58
4034	-9.74	9.92	12.09	-353.68	51.84	-1615.90	229.46	-1133.28	402.96
4035	-10.43	9.82	12.09	-324.09	75.73	-1440.26	205.46	-1020.56	286.54
4036	-9.15	10.69	12.09	-306.34	31.16	-1663.97	246.40	-1111.77	447.71
4037	-9.75	10.53	12.09	-298.39	53.41	-1525.86	227.47	-1039.45	350.42
4038	-10.33	10.35	12.09	-280.68	75.29	-1405.94	205.13	-958.28	253.74
4039	-0.43	9.60	12.09	-113.16	205.89	-4392.45	-57.87	50.91	873.17
4040	-1.29	9.60	12.09	-60.10	193.44	-4491.13	-72.71	-185.21	931.00
4041	-2.15	9.59	12.09	-19.81	167.45	-4504.27	-59.75	-445.44	988.57
4042	-3.01	9.57	12.09	-15.27	134.30	-4428.17	-34.86	-712.60	1036.89
4043	-3.86	9.55	12.09	-20.94	108.56	-4241.22	16.12	-980.89	1061.09
4044	-4.72	9.52	12.09	-57.19	59.30	-3953.26	56.20	-1218.64	1064.53
4045	-5.57	9.49	12.09	-185.79	23.64	-3577.23	123.34	-1399.02	1025.16
4046	-6.42	9.46	12.09	-247.86	20.41	-3156.49	175.04	-1476.97	946.35
4047	-7.27	9.42	12.09	-332.17	12.42	-2745.09	214.34	-1502.00	839.11
4048	-8.11	9.38	12.09	-391.41	17.36	-2348.79	236.61	-1455.36	712.22
4049	-0.45	10.81	12.09	-32.87	141.07	-4000.33	-43.82	-23.69	1166.31
4050	-1.34	10.79	12.09	-3.63	123.50	-4066.41	-28.05	-262.82	1206.92
4051	-2.23	10.76	12.09	22.35	99.56	-4042.90	3.84	-521.22	1230.60
4052	-3.11	10.71	12.09	18.52	72.07	-3929.71	28.19	-772.18	1238.81
4053	-3.99	10.65	12.09	-28.24	51.34	-3724.30	85.81	-1008.10	1216.43
4054	-4.86	10.57	12.09	-72.46	27.98	-3435.06	155.83	-1194.02	1151.65
4055	-5.72	10.48	12.09	-178.77	-4.99	-3100.97	198.57	-1323.17	1053.31
4056	-6.58	10.38	12.09	-244.33	-10.16	-2746.02	232.06	-1375.05	936.06
4057	-7.43	10.26	12.09	-312.22	-6.50	-2403.43	253.97	-1376.24	802.13
4058	-8.28	10.13	12.09	-354.61	8.41	-2084.52	257.86	-1322.03	657.65
4059	-0.46	12.02	12.09	27.84	12.73	-3404.90	-26.72	-81.05	1324.48

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
4060	-1.38	11.99	12.09	46.94	-0.55	-3451.19	9.53	-306.33	1350.97
4061	-2.29	11.94	12.09	59.14	-10.95	-3420.78	58.13	-540.87	1347.02
4062	-3.20	11.86	12.09	39.34	-38.18	-3309.72	117.77	-766.00	1310.89
4063	-4.10	11.75	12.09	-25.92	-71.70	-3129.94	170.34	-957.70	1242.54
4064	-4.99	11.63	12.09	-77.78	-65.14	-2896.11	216.85	-1099.83	1137.29
4065	-5.87	11.48	12.09	-145.96	-51.93	-2633.05	247.98	-1196.31	1007.93
4066	-6.74	11.30	12.09	-215.52	-40.45	-2358.13	269.21	-1236.73	866.16
4067	-7.59	11.11	12.09	-267.69	-20.21	-2092.82	273.90	-1226.79	717.67
4068	-8.44	10.89	12.09	-298.31	5.72	-1851.48	263.92	-1177.83	570.18
4069	-0.47	13.23	12.09	72.53	-145.65	-2740.64	-3.55	-119.60	1276.12
4070	-1.42	13.19	12.09	86.35	-154.81	-2775.93	47.58	-316.21	1288.26
4071	-2.36	13.12	12.09	80.86	-161.19	-2756.88	102.47	-510.35	1268.47
4072	-3.29	13.01	12.09	56.51	-148.45	-2680.10	160.37	-692.57	1207.99
4073	-4.21	12.86	12.09	18.73	-126.23	-2553.02	205.78	-845.49	1114.33
4074	-5.12	12.68	12.09	-40.22	-110.56	-2393.65	244.77	-963.44	1001.84
4075	-6.01	12.47	12.09	-103.61	-87.41	-2210.74	270.31	-1040.31	871.29
4076	-6.89	12.23	12.09	-159.58	-56.53	-2018.22	278.65	-1072.68	729.35
4077	-7.75	11.95	12.09	-202.52	-22.65	-1831.46	272.68	-1066.02	586.52
4078	-8.59	11.65	12.09	-228.49	11.72	-1659.56	255.30	-1028.85	449.05
4079	-0.49	14.44	12.09	112.52	-210.11	-2169.98	16.40	-136.51	1030.68
4080	-1.45	14.39	12.09	122.87	-210.89	-2205.24	67.93	-292.43	1032.40
4081	-2.41	14.30	12.09	117.58	-202.51	-2203.97	120.61	-445.63	1004.54
4082	-3.37	14.16	12.09	95.20	-187.31	-2169.30	169.78	-587.11	950.23
4083	-4.31	13.98	12.09	56.92	-162.68	-2102.25	213.15	-710.90	869.97
4084	-5.23	13.75	12.09	10.21	-127.39	-2005.61	243.66	-806.71	766.60
4085	-6.14	13.47	12.09	-40.45	-87.46	-1890.49	259.89	-870.05	649.90
4086	-7.03	13.16	12.09	-87.73	-45.83	-1766.85	261.92	-901.39	528.34
4087	-7.90	12.81	12.09	-125.82	-5.04	-1642.44	251.85	-903.13	408.34
4088	-8.74	12.41	12.09	-152.01	32.78	-1523.22	233.19	-879.96	294.76
4089	-0.50	15.66	12.09	141.83	-174.97	-1854.92	31.03	-132.01	662.65
4090	-1.48	15.60	12.09	151.02	-170.74	-1895.25	73.18	-248.65	659.80
4091	-2.47	15.48	12.09	148.23	-157.13	-1911.43	115.52	-364.39	636.00
4092	-3.44	15.31	12.09	132.80	-134.15	-1901.72	154.67	-473.57	591.42
4093	-4.40	15.09	12.09	105.69	-103.32	-1867.22	186.90	-569.60	528.81
4094	-5.34	14.81	12.09	69.45	-66.98	-1811.17	209.62	-647.64	452.35
4095	-6.27	14.48	12.09	28.96	-27.65	-1737.52	221.01	-703.71	366.78
4096	-7.17	14.10	12.09	-11.09	11.28	-1651.72	221.32	-736.20	277.90
4097	-8.04	13.66	12.09	-46.50	47.36	-1559.54	212.25	-745.99	191.11
4098	-8.89	13.18	12.09	-74.34	79.23	-1466.63	196.36	-735.08	109.99
4099	-12.84	9.38	12.09	-129.02	165.65	-1048.60	96.77	-546.65	-104.54
4100	-12.32	10.13	12.09	-123.35	159.52	-1101.24	108.33	-571.76	-97.09
4101	-11.75	10.85	12.09	-116.45	152.57	-1158.06	120.96	-599.41	-85.88
4102	-12.07	9.33	12.09	-221.93	132.25	-1147.05	137.10	-736.10	39.66
4103	-11.70	9.98	12.09	-202.01	126.96	-1177.01	146.09	-732.86	38.36
4104	-11.30	10.61	12.09	-181.35	121.57	-1211.33	154.16	-730.00	38.01
4105	-11.30	9.28	12.09	-302.91	103.37	-1293.94	172.12	-912.46	176.34
4106	-11.08	9.83	12.09	-272.34	100.02	-1294.25	177.47	-883.67	165.64
4107	-10.85	10.38	12.09	-241.19	97.12	-1297.20	181.67	-856.37	152.85
4108	-9.68	12.66	12.09	-93.48	105.06	-1378.92	177.23	-710.26	41.38
4109	-9.49	12.00	12.09	-166.44	63.53	-1422.78	211.78	-844.10	202.13
4110	-9.30	11.36	12.09	-238.07	40.45	-1527.69	234.69	-978.44	339.43
4111	-10.42	12.10	12.09	-105.92	125.76	-1297.94	157.55	-677.72	-14.68
4112	-10.15	11.59	12.09	-173.17	88.08	-1340.64	190.72	-803.53	129.92
4113	-9.88	11.08	12.09	-237.81	64.02	-1430.41	214.79	-927.89	256.98
4114	-11.12	11.50	12.09	-111.61	142.58	-1222.75	137.80	-637.20	-60.25
4115	-10.78	11.14	12.09	-172.93	109.81	-1264.91	169.00	-756.05	65.76
4116	-10.45	10.79	12.09	-231.00	85.52	-1342.02	193.67	-871.62	182.06
4117	-9.26	9.36	10.41	-294.82	33.47	-2128.74	196.90	-1253.72	506.88
4118	-10.09	9.32	10.41	-305.92	44.38	-1933.37	190.46	-1175.17	399.44
4119	-10.91	9.29	10.41	-297.51	59.39	-1773.29	175.67	-1070.96	290.39
4120	-9.39	10.08	10.41	-268.94	23.83	-2014.18	207.54	-1163.05	467.22
4121	-10.11	9.97	10.41	-276.03	38.68	-1874.45	196.41	-1099.29	368.74
4122	-10.83	9.86	10.41	-270.48	55.59	-1757.43	179.82	-1019.62	271.12
4123	-9.50	10.79	10.41	-236.96	18.67	-1920.01	210.66	-1067.54	407.78
4124	-10.12	10.62	10.41	-243.72	35.84	-1828.33	197.72	-1021.72	327.34
4125	-10.73	10.43	10.41	-242.85	53.32	-1750.23	181.28	-964.72	246.14
4126	-0.45	9.64	10.41	-39.78	133.38	-3633.35	-18.75	-28.87	845.39
4127	-1.34	9.63	10.41	-6.82	125.54	-3701.46	-13.01	-232.44	877.32
4128	-2.23	9.62	10.41	13.79	112.40	-3712.50	-1.52	-445.20	904.06
4129	-3.12	9.60	10.41	20.02	95.57	-3657.65	20.80	-660.53	920.24
4130	-4.01	9.58	10.41	0.27	73.88	-3537.18	48.79	-862.85	921.85
4131	-4.89	9.56	10.41	-41.99	57.19	-3358.81	87.74	-1036.81	901.17
4132	-5.78	9.52	10.41	-87.64	41.63	-3135.02	122.92	-1174.31	858.06
4133	-6.66	9.49	10.41	-157.13	27.20	-2880.89	156.08	-1268.28	793.63
4134	-7.54	9.44	10.41	-215.06	23.60	-2614.55	180.42	-1307.26	709.88
4135	-8.41	9.40	10.41	-263.56	25.73	-2358.64	194.09	-1300.70	611.66
4136	-0.46	10.92	10.41	3.31	64.12	-3325.48	-7.73	-76.58	1018.87
4137	-1.39	10.90	10.41	29.86	55.78	-3378.77	12.06	-279.46	1042.81
4138	-2.31	10.86	10.41	38.33	42.72	-3374.57	37.22	-484.74	1052.24
4139	-3.22	10.81	10.41	29.56	27.28	-3311.39	72.61	-683.35	1041.18
4140	-4.13	10.75	10.41	4.28	10.82	-3191.80	107.19	-863.95	1007.74
4141	-5.04	10.67	10.41	-44.64	-2.15	-3026.93	139.43	-1013.64	955.12
4142	-5.94	10.57	10.41	-94.01	-5.90	-2828.18	172.22	-1125.01	881.94
4143	-6.83	10.46	10.41	-154.37	-6.78	-2612.39	195.74	-1194.86	789.54
4144	-7.71	10.34	10.41	-204.86	-0.90	-2394.28	209.28	-1219.69	685.07
4145	-8.59	10.20	10.41	-245.09	9.91	-2188.28	212.72	-1206.77	573.51
4146	-0.48	12.20	10.41	35.83	-40.44	-2928.65	7.00	-115.45	1089.33
4147	-1.43	12.17	10.41	54.82	-47.05	-2973.51	39.57	-304.03	1103.34
4148	-2.38	12.11	10.41	55.25	-55.11	-2968.22	75.64	-491.20	1094.93
4149	-3.32	12.03	10.41	39.18	-58.84	-2915.29	112.11	-666.19	1063.54
4150	-4.26	11.92	10.41	10.97	-56.87	-2818.60	149.53	-822.41	1008.48
4151	-5.18	11.78	10.41	-36.13	-56.53	-2686.37	181.83	-950.00	932.35
4152	-6.09	11.62	10.41	-87.49	-50.51	-2530.65	206.89	-1040.59	839.16
4153	-7.00	11.44	10.41	-138.05	-37.67	-2364.99	221.25	-1095.00	733.62
4154	-7.89	11.23	10.41	-182.99	-20.84	-2199.81	226.02	-1113.87	621.07
4155	-8.76	11.00	10.41	-217.45	-0.77	-2043.95	221.36	-1100.99	506.19
4156	-0.49	13.48	10.41	58.98	-136.87	-2521.64	21.54	-140.89	1030.96
4157	-1.47	13.44	10.41	71.54	-139.72	-2564.74	60.44	-304.90	1037.17
4158	-2.45	13.36	10.41	69.38	-137.60	-2570.08	101.53	-466.42	1018.58

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
4159	-3.41	13.24	10.41	51.37	-132.93	-2539.19	140.74	-616.83	976.75
4160	-4.37	13.09	10.41	18.56	-123.25	-2476.31	176.52	-748.40	913.08
4161	-5.31	12.90	10.41	-21.81	-104.84	-2387.06	203.86	-854.55	829.75
4162	-6.24	12.68	10.41	-66.91	-81.98	-2280.52	221.80	-931.43	732.84
4163	-7.16	12.42	10.41	-111.97	-56.57	-2165.41	230.02	-978.16	627.99
4164	-8.05	12.13	10.41	-151.54	-29.22	-2049.26	228.50	-995.69	519.66
4165	-8.93	11.80	10.41	-182.18	-1.35	-1938.64	218.50	-986.92	411.52
4166	-9.50	14.76	10.41	72.54	-190.81	-2203.67	33.31	-150.91	856.12
4167	-1.51	14.71	10.41	81.60	-190.00	-2249.02	72.48	-286.77	857.01
4168	-2.51	14.61	10.41	77.80	-181.89	-2268.39	111.93	-419.83	836.39
4169	-3.50	14.46	10.41	61.66	-165.43	-2261.53	148.82	-544.14	794.37
4170	-4.48	14.27	10.41	34.83	-142.21	-2230.84	179.52	-653.27	733.74
4171	-5.44	14.02	10.41	-0.57	-114.75	-2180.82	202.51	-742.99	658.81
4172	-6.39	13.74	10.41	-39.87	-83.68	-2115.84	216.26	-810.13	573.31
4173	-7.31	13.40	10.41	-78.84	-50.67	-2041.29	220.38	-853.13	481.67
4174	-8.22	13.03	10.41	-113.82	-17.64	-1962.78	215.64	-872.57	388.29
4175	-9.09	12.61	10.41	-141.83	13.99	-1884.98	203.58	-870.51	296.76
4176	-9.52	16.04	10.41	78.44	-162.48	-2054.13	38.23	-146.72	623.56
4177	-1.55	15.98	10.41	85.88	-158.26	-2104.06	71.87	-255.69	621.46
4178	-2.57	15.86	10.41	83.41	-146.56	-2134.59	105.30	-362.79	602.74
4179	-3.58	15.68	10.41	70.97	-127.89	-2145.35	135.98	-463.66	568.16
4180	-4.58	15.44	10.41	49.63	-103.07	-2136.78	161.64	-554.21	519.27
4181	-5.57	15.15	10.41	21.60	-73.57	-2110.46	180.27	-630.48	458.58
4182	-6.53	14.80	10.41	-10.37	-41.65	-2069.37	190.78	-689.75	389.74
4183	-7.46	14.39	10.41	-43.05	-9.28	-2017.14	193.04	-730.64	316.58
4184	-8.37	13.93	10.41	-73.47	21.73	-1957.66	187.80	-753.08	242.83
4185	-9.25	13.42	10.41	-99.32	50.12	-1894.95	176.41	-757.92	171.44
4186	-13.33	9.40	10.41	-159.33	129.34	-1555.59	85.50	-639.25	-56.82
4187	-12.79	10.19	10.41	-154.62	124.63	-1607.47	97.31	-659.20	-42.46
4188	-12.21	10.95	10.41	-148.19	118.50	-1660.92	110.20	-679.57	-23.69
4189	-12.53	9.35	10.41	-222.19	100.41	-1580.21	123.14	-795.88	59.71
4190	-12.15	10.04	10.41	-206.27	96.15	-1618.70	131.72	-789.90	64.11
4191	-11.74	10.70	10.41	-189.53	91.50	-1660.09	139.45	-783.80	70.62
4192	-11.72	9.30	10.41	-269.60	77.41	-1655.12	152.83	-940.88	175.19
4193	-11.50	9.88	10.41	-247.53	73.87	-1671.07	158.48	-912.70	169.18
4194	-11.27	10.45	10.41	-224.28	70.83	-1689.97	162.84	-885.84	162.38
4195	-10.07	12.86	10.41	-118.81	73.85	-1832.87	161.34	-749.43	108.32
4196	-9.87	12.18	10.41	-160.86	40.36	-1817.15	188.02	-854.56	219.45
4197	-9.66	11.49	10.41	-200.50	22.39	-1851.91	204.73	-961.59	322.60
4198	-10.83	12.27	10.41	-133.03	93.38	-1772.91	144.65	-732.11	53.84
4199	-10.55	11.74	10.41	-173.13	61.95	-1759.73	171.35	-831.29	156.71
4200	-10.27	11.20	10.41	-209.61	42.30	-1787.06	189.87	-930.73	253.67
4201	-11.56	11.64	10.41	-141.62	109.23	-1715.34	126.67	-706.00	7.27
4202	-11.20	11.27	10.41	-179.36	81.29	-1706.26	152.99	-799.95	99.55
4203	-10.85	10.90	10.41	-213.09	60.61	-1728.44	172.89	-892.70	189.86
4204	-9.60	9.38	8.72	-266.85	-1.21	-2192.96	163.99	-1160.76	446.69
4205	-10.46	9.34	8.72	-281.61	7.30	-2079.06	156.49	-1110.60	359.04
4206	-11.31	9.30	8.72	-282.17	18.96	-1992.28	142.52	-1036.30	269.67
4207	-9.73	10.14	8.72	-251.40	-8.85	-2137.06	171.07	-1089.20	417.59
4208	-10.48	10.03	8.72	-262.23	3.24	-2058.84	160.46	-1048.39	337.31
4209	-11.22	9.91	8.72	-263.50	16.92	-1997.82	145.42	-992.32	257.42
4210	-9.86	10.89	8.72	-232.00	-11.82	-2099.03	172.09	-1013.08	373.51
4211	-10.50	10.70	8.72	-241.17	2.12	-2049.69	160.48	-984.58	307.83
4212	-11.13	10.51	8.72	-244.51	16.46	-2010.34	146.02	-945.59	241.42
4213	-0.46	9.67	8.72	-58.94	51.50	-3063.38	15.14	-85.08	777.50
4214	-1.39	9.67	8.72	-33.23	46.21	-3121.67	23.94	-261.68	798.20
4215	-2.31	9.66	8.72	-19.50	37.77	-3138.14	37.89	-441.63	810.93
4216	-3.23	9.64	8.72	-20.94	26.95	-3111.58	56.08	-617.45	813.26
4217	-4.15	9.62	8.72	-36.73	15.92	-3043.26	78.55	-781.43	802.33
4218	-5.07	9.59	8.72	-65.87	4.93	-2937.16	101.53	-925.90	776.99
4219	-5.99	9.55	8.72	-108.01	-3.49	-2801.65	124.62	-1041.91	736.28
4220	-6.90	9.51	8.72	-152.34	-8.09	-2647.82	143.94	-1124.44	680.48
4221	-7.81	9.47	8.72	-198.63	-9.96	-2487.47	157.91	-1171.96	611.50
4222	-8.72	9.42	8.72	-238.18	-7.36	-2331.37	164.77	-1182.93	531.88
4223	-0.48	11.02	8.72	-34.17	-10.93	-2847.56	24.95	-119.87	889.63
4224	-1.44	11.01	8.72	-14.63	-16.04	-2898.93	42.96	-291.21	904.31
4225	-2.39	10.97	8.72	-7.78	-22.50	-2911.26	64.74	-462.52	904.83
4226	-3.34	10.92	8.72	-15.37	-29.23	-2884.42	88.09	-626.58	890.25
4227	-4.28	10.85	8.72	-37.35	-34.83	-2821.98	112.82	-775.11	859.90
4228	-5.22	10.76	8.72	-69.10	-38.29	-2729.44	136.57	-902.04	812.93
4229	-6.16	10.66	8.72	-110.51	-39.60	-2615.39	155.82	-1001.17	751.25
4230	-7.08	10.54	8.72	-152.95	-36.70	-2489.19	170.09	-1069.14	677.43
4231	-8.00	10.41	8.72	-194.25	-30.31	-2360.69	177.44	-1105.54	593.82
4232	-8.90	10.26	8.72	-228.45	-20.47	-2238.47	177.31	-1110.81	503.83
4233	-0.49	12.37	8.72	-17.20	-85.82	-2593.45	35.09	-147.00	923.61
4234	-1.48	12.34	8.72	-2.76	-89.13	-2642.14	60.10	-305.70	932.13
4235	-2.47	12.28	8.72	-1.05	-91.00	-2658.02	87.13	-462.09	922.98
4236	-3.44	12.20	8.72	-12.56	-91.26	-2641.63	114.69	-609.80	895.61
4237	-4.41	12.08	8.72	-36.80	-89.23	-2596.51	139.88	-741.37	850.95
4238	-5.37	11.94	8.72	-69.08	-82.84	-2528.41	161.22	-851.50	790.84
4239	-6.32	11.77	8.72	-107.31	-73.14	-2444.17	176.84	-936.68	717.72
4240	-7.26	11.57	8.72	-146.66	-60.44	-2351.28	185.87	-994.16	634.79
4241	-8.18	11.35	8.72	-182.97	-45.03	-2257.34	187.46	-1024.18	545.47
4242	-9.09	11.11	8.72	-212.93	-27.85	-2168.57	181.96	-1028.46	453.30
4243	-0.51	13.73	8.72	-7.94	-149.66	-2354.21	43.43	-164.16	870.19
4244	-1.53	13.68	8.72	2.74	-150.24	-2404.02	72.08	-304.71	873.62
4245	-2.54	13.60	8.72	1.38	-147.05	-2428.47	101.30	-442.13	858.62
4246	-3.54	13.48	8.72	-11.46	-139.12	-2428.38	129.16	-570.63	825.52
4247	-4.53	13.32	8.72	-34.06	-126.79	-2406.20	153.27	-684.95	775.91
4248	-5.51	13.12	8.72	-64.59	-111.25	-2366.13	172.15	-780.59	712.45
4249	-6.48	12.88	8.72	-99.15	-92.47	-2313.15	184.26	-854.47	638.13
4250	-7.43	12.61	8.72	-134.01	-71.18	-2252.80	189.01	-905.17	556.39
4251	-8.36	12.30	8.72	-166.02	-48.56	-2190.37	186.58	-932.89	470.68
4252	-9.27	11.96	8.72	-192.46	-25.74	-2130.39	177.61	-939.02	383.78
4253	-0.52	15.08	8.72	-5.13	-175.59	-2183.85	47.38	-170.85	746.50
4254	-1.57	15.02	8.72	2.82	-173.45	-2237.27	75.60	-290.60	746.68
4255	-2.61	14.92	8.72	0.76	-165.69	-2271.95	103.80	-407.52	730.24
4256	-3.64	14.76	8.72	-11.04	-152.75	-2288.20	129.73	-516.99	698.04
4257	-4.65	14.56	8.72	-31.23	-134.97	-2287.35	151.56	-614.91	651.65

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
4258	-5.65	14.30	8.72	-57.39	-112.98	-2271.69	167.52	-697.74	593.32
4259	-6.64	14.00	8.72	-86.98	-88.29	-2244.55	176.72	-763.06	526.18
4260	-7.60	13.64	8.72	-117.12	-62.32	-2209.56	178.92	-809.73	453.46
4261	-8.53	13.25	8.72	-145.04	-36.30	-2170.33	174.47	-837.65	378.19
4262	-9.44	12.81	8.72	-168.46	-11.33	-2130.12	164.24	-847.78	303.07
4263	-10.54	16.43	8.72	-8.13	-153.51	-2114.52	44.81	-168.50	595.65
4264	-1.61	16.36	8.72	-1.81	-149.43	-2172.58	69.64	-268.35	594.18
4265	-2.67	16.24	8.72	-3.35	-139.66	-2216.23	94.21	-365.95	579.10
4266	-3.73	16.05	8.72	-12.51	-124.41	-2245.03	116.63	-458.03	550.94
4267	-4.77	15.80	8.72	-28.36	-104.58	-2259.34	135.14	-541.38	511.09
4268	-5.79	15.48	8.72	-49.35	-81.45	-2260.31	148.45	-613.35	461.65
4269	-6.79	15.11	8.72	-73.41	-56.35	-2249.67	155.76	-671.93	405.05
4270	-7.76	14.68	8.72	-98.33	-30.76	-2229.63	156.86	-715.96	344.03
4271	-8.71	14.20	8.72	-121.99	-6.11	-2202.68	152.17	-745.15	281.38
4272	-9.62	13.66	8.72	-142.63	16.61	-2171.46	142.48	-759.82	219.45
4273	-13.81	9.42	8.72	-189.91	75.73	-1951.72	61.85	-699.65	-5.70
4274	-13.27	10.26	8.72	-187.37	73.75	-1992.45	72.58	-713.76	12.73
4275	-12.67	11.05	8.72	-183.05	70.09	-2032.52	84.38	-726.65	35.59
4276	-12.98	9.37	8.72	-235.67	52.49	-1925.56	95.05	-823.33	83.96
4277	-12.59	10.09	8.72	-223.99	50.67	-1962.26	102.37	-815.69	93.38
4278	-12.17	10.79	8.72	-211.56	48.26	-1999.82	109.19	-807.34	105.21
4279	-12.15	9.31	8.72	-267.32	33.68	-1940.44	121.72	-937.15	175.97
4280	-11.93	9.93	8.72	-251.24	32.13	-1964.59	126.18	-911.34	175.43
4281	-11.68	10.53	8.72	-234.07	30.98	-1990.40	129.68	-886.53	174.91
4282	-10.47	13.07	8.72	-158.62	35.64	-2138.02	129.62	-762.63	163.13
4283	-10.25	12.35	8.72	-185.23	9.44	-2093.83	151.11	-844.82	238.25
4284	-10.03	11.63	8.72	-209.69	-6.51	-2083.53	165.71	-928.99	311.33
4285	-11.25	12.45	8.72	-170.50	51.19	-2103.53	115.14	-756.85	112.79
4286	-10.95	11.88	8.72	-196.55	26.23	-2062.04	136.94	-834.00	184.19
4287	-10.65	11.32	8.72	-219.46	9.28	-2048.80	152.91	-911.76	254.22
4288	-12.00	11.78	8.72	-177.87	63.49	-2068.93	99.28	-742.70	68.29
4289	-11.63	11.39	8.72	-203.05	41.15	-2032.28	121.16	-815.42	134.14
4290	-11.26	11.00	8.72	-224.75	23.55	-2018.28	138.22	-887.58	200.75
4291	-9.94	9.40	7.03	-285.50	-51.48	-2228.99	135.02	-1093.61	410.44
4292	-10.82	9.36	7.03	-297.24	-43.53	-2183.44	124.13	-1062.74	338.56
4293	-11.70	9.32	7.03	-297.17	-33.22	-2159.81	108.15	-1010.01	265.03
4294	-10.07	10.20	7.03	-273.79	-54.33	-2221.08	136.99	-1036.21	391.56
4295	-10.85	10.08	7.03	-282.15	-43.72	-2194.48	124.60	-1011.08	325.34
4296	-11.62	9.96	7.03	-282.61	-32.05	-2181.25	108.81	-971.92	259.18
4297	-10.21	10.99	7.03	-259.14	-52.42	-2227.34	134.00	-974.45	360.89
4298	-10.87	10.79	7.03	-265.94	-41.11	-2213.61	121.94	-957.73	306.07
4299	-11.52	10.59	7.03	-267.89	-29.38	-2207.23	107.69	-931.48	250.51
4300	-0.48	9.71	7.03	-113.80	-27.33	-2620.08	42.52	-129.06	708.89
4301	-1.43	9.70	7.03	-93.09	-31.28	-2675.08	51.97	-282.88	722.76
4302	-2.39	9.69	7.03	-83.90	-36.84	-2701.16	64.10	-437.33	728.71
4303	-3.34	9.67	7.03	-86.64	-43.21	-2697.96	78.58	-587.23	725.39
4304	-4.30	9.65	7.03	-101.31	-49.75	-2667.12	94.22	-726.80	711.68
4305	-5.25	9.62	7.03	-126.44	-55.42	-2612.74	109.98	-850.05	686.69
4306	-6.20	9.58	7.03	-158.65	-59.63	-2540.58	123.88	-952.26	650.24
4307	-7.14	9.54	7.03	-195.36	-61.73	-2457.97	134.54	-1029.35	602.85
4308	-8.08	9.50	7.03	-231.16	-60.99	-2373.02	140.44	-1078.78	545.62
4309	-9.02	9.44	7.03	-262.62	-57.47	-2293.89	140.66	-1100.01	480.27
4310	-0.50	11.13	7.03	-101.23	-77.79	-2483.33	51.11	-154.79	790.82
4311	-1.48	11.11	7.03	-85.10	-80.96	-2536.27	65.84	-303.14	800.60
4312	-2.47	11.07	7.03	-80.56	-84.31	-2562.79	82.40	-450.20	798.49
4313	-3.45	11.02	7.03	-87.57	-87.21	-2563.56	99.93	-590.49	783.78
4314	-4.43	10.95	7.03	-104.98	-88.94	-2540.94	116.82	-718.78	756.24
4315	-5.41	10.86	7.03	-131.30	-88.87	-2499.28	131.60	-829.85	716.48
4316	-6.37	10.75	7.03	-162.78	-86.35	-2444.19	143.04	-919.86	665.43
4317	-7.33	10.63	7.03	-196.65	-81.48	-2382.21	149.67	-986.11	604.64
4318	-8.28	10.49	7.03	-228.63	-74.14	-2319.91	150.86	-1027.26	536.26
4319	-9.22	10.33	7.03	-255.71	-64.68	-2263.47	146.19	-1043.56	462.55
4320	-0.51	12.55	7.03	-94.18	-129.52	-2336.11	57.90	-175.13	813.70
4321	-1.53	12.52	7.03	-82.10	-130.95	-2389.74	76.34	-313.01	819.40
4322	-2.55	12.46	7.03	-80.86	-130.71	-2421.37	95.75	-448.40	810.73
4323	-3.56	12.37	7.03	-90.08	-128.27	-2431.88	114.54	-576.14	787.79
4324	-4.57	12.24	7.03	-108.29	-123.31	-2423.60	131.32	-691.59	751.24
4325	-5.56	12.09	7.03	-133.62	-115.96	-2400.20	144.54	-790.55	702.39
4326	-6.54	11.92	7.03	-162.92	-106.11	-2366.39	153.06	-869.84	643.17
4327	-7.51	11.71	7.03	-193.17	-94.06	-2327.27	156.08	-927.75	575.90
4328	-8.47	11.48	7.03	-221.23	-80.35	-2287.78	153.38	-963.63	503.03
4329	-9.41	11.22	7.03	-244.42	-65.63	-2252.27	145.13	-978.20	427.14
4330	-0.53	13.97	7.03	-92.14	-164.83	-2211.65	61.12	-188.48	774.47
4331	-1.58	13.93	7.03	-83.25	-164.12	-2268.21	80.95	-312.18	776.84
4332	-2.63	13.84	7.03	-83.80	-160.02	-2307.74	101.00	-432.90	764.46
4333	-3.67	13.71	7.03	-93.32	-152.56	-2330.71	119.57	-546.33	737.80
4334	-4.70	13.54	7.03	-110.55	-141.85	-2338.80	135.12	-648.41	698.05
4335	-5.71	13.33	7.03	-133.28	-128.12	-2334.66	146.28	-735.83	646.98
4336	-6.72	13.09	7.03	-159.12	-112.11	-2321.62	152.25	-806.17	586.87
4337	-7.70	12.80	7.03	-185.41	-94.60	-2303.26	152.61	-858.07	520.23
4338	-8.66	12.47	7.03	-209.56	-76.40	-2283.12	147.43	-891.22	449.60
4339	-9.60	12.11	7.03	-229.41	-58.28	-2264.36	137.19	-906.27	377.16
4340	-0.54	15.39	7.03	-94.24	-171.08	-2136.54	59.15	-194.48	686.65
4341	-1.63	15.34	7.03	-87.49	-168.44	-2197.36	78.07	-302.14	686.78
4342	-2.70	15.23	7.03	-88.54	-161.64	-2245.22	96.78	-406.97	673.45
4343	-3.77	15.06	7.03	-96.91	-150.77	-2280.10	113.68	-505.50	647.25
4344	-4.83	14.85	7.03	-111.48	-136.35	-2302.82	127.30	-594.56	609.43
4345	-5.86	14.58	7.03	-130.65	-119.22	-2314.90	136.56	-671.50	561.83
4346	-6.88	14.26	7.03	-152.35	-100.26	-2318.38	140.75	-734.41	506.61
4347	-7.88	13.89	7.03	-174.42	-80.46	-2315.59	139.66	-782.18	446.15
4348	-8.85	13.47	7.03	-194.85	-60.83	-2308.93	133.55	-814.53	382.81
4349	-9.79	13.00	7.03	-211.86	-42.23	-2300.62	123.02	-831.94	318.78
4350	-0.56	16.81	7.03	-99.52	-147.70	-2117.64	51.01	-194.17	577.86
4351	-1.67	16.75	7.03	-94.06	-143.83	-2183.17	67.48	-285.98	576.77
4352	-2.78	16.61	7.03	-94.60	-135.81	-2238.47	83.69	-375.36	564.27
4353	-3.87	16.41	7.03	-100.87	-123.93	-2283.10	98.23	-459.77	540.89
4354	-4.95	16.15	7.03	-112.10	-108.77	-2317.09	109.83	-536.82	507.71
4355	-6.01	15.82	7.03	-127.04	-91.21	-2340.99	117.54	-604.48	466.28
4356	-7.05	15.43	7.03	-144.21	-72.34	-2355.80	120.78	-661.22	418.52

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
4357	-8.06	14.98	7.03	-162.00	-53.30	-2362.85	119.39	-706.11	366.52
4358	-9.04	14.46	7.03	-178.84	-35.14	-2363.64	113.65	-738.82	312.46
4359	-9.98	13.89	7.03	-193.39	-18.68	-2359.82	104.11	-759.44	258.22
4360	-14.30	9.45	7.03	-220.17	14.20	-2260.04	33.02	-744.89	42.57
4361	-13.74	10.32	7.03	-220.28	15.72	-2286.36	42.13	-753.19	63.12
4362	-13.13	11.16	7.03	-218.84	15.57	-2310.68	52.31	-759.29	87.77
4363	-13.43	9.39	7.03	-257.25	-3.99	-2197.57	61.68	-843.86	113.68
4364	-13.04	10.15	7.03	-249.27	-2.65	-2227.90	67.46	-834.25	126.62
4365	-12.61	10.88	7.03	-240.78	-1.96	-2257.46	73.16	-823.53	141.68
4366	-12.57	9.33	7.03	-284.01	-20.01	-2164.46	86.81	-934.20	188.30
4367	-12.35	9.98	7.03	-271.82	-18.66	-2191.98	89.63	-910.13	192.29
4368	-12.10	10.61	7.03	-258.95	-17.04	-2219.65	92.00	-886.62	196.41
4369	-10.86	13.28	7.03	-204.49	-5.24	-2352.02	92.24	-769.67	207.97
4370	-10.62	12.52	7.03	-223.84	-27.06	-2291.88	110.56	-837.29	262.66
4371	-10.39	11.77	7.03	-242.14	-43.29	-2250.94	125.13	-906.06	316.11
4372	-11.67	12.63	7.03	-212.32	5.17	-2341.08	79.26	-772.08	161.98
4373	-11.35	12.03	7.03	-231.53	-15.38	-2283.20	97.67	-834.89	214.89
4374	-11.03	11.44	7.03	-249.09	-31.52	-2242.17	112.94	-897.98	267.28
4375	-12.44	11.93	7.03	-216.53	12.77	-2328.40	65.33	-766.93	120.34
4376	-12.05	11.51	7.03	-235.39	-5.31	-2275.13	83.67	-825.40	170.07
4377	-11.66	11.10	7.03	-252.42	-21.28	-2236.11	99.43	-883.47	221.07
4378	-10.27	9.42	5.34	-332.25	-113.62	-2242.65	113.09	-1054.36	399.27
4379	-11.19	9.38	5.34	-339.14	-106.01	-2256.90	97.76	-1040.16	340.77
4380	-12.10	9.34	5.34	-334.41	-96.45	-2290.72	78.06	-1005.41	279.80
4381	-10.42	10.26	5.34	-320.94	-111.81	-2276.49	109.60	-1009.55	391.28
4382	-11.22	10.13	5.34	-324.77	-102.18	-2295.86	94.07	-997.38	335.87
4383	-12.01	10.01	5.34	-321.04	-91.79	-2326.46	75.87	-971.68	279.57
4384	-10.56	11.09	5.34	-306.89	-104.65	-2322.08	101.56	-959.58	372.41
4385	-11.25	10.88	5.34	-309.51	-95.34	-2340.58	87.75	-951.99	325.05
4386	-11.92	10.66	5.34	-307.43	-85.44	-2364.66	72.23	-935.21	276.40
4387	-0.49	9.75	5.34	-174.36	-99.31	-2259.01	63.64	-162.94	647.66
4388	-1.48	9.74	5.34	-158.11	-103.01	-2313.48	72.43	-297.87	657.74
4389	-2.47	9.73	5.34	-152.58	-107.51	-2348.19	82.92	-432.70	660.84
4390	-3.46	9.71	5.34	-157.83	-112.38	-2363.53	94.39	-563.37	656.24
4391	-4.44	9.68	5.34	-173.01	-117.03	-2361.40	105.95	-685.62	643.34
4392	-5.42	9.65	5.34	-196.46	-120.91	-2345.15	116.38	-795.36	621.85
4393	-6.40	9.61	5.34	-225.79	-123.45	-2319.54	124.51	-888.85	591.79
4394	-7.38	9.57	5.34	-257.59	-124.20	-2290.34	129.07	-963.17	553.53
4395	-8.36	9.52	5.34	-288.47	-122.89	-2263.79	129.06	-1016.27	507.77
4396	-9.33	9.47	5.34	-314.57	-119.22	-2246.05	123.72	-1046.86	455.53
4397	-0.51	11.24	5.34	-171.64	-141.63	-2185.40	71.76	-183.13	718.96
4398	-1.53	11.22	5.34	-159.27	-144.24	-2240.79	83.54	-313.63	726.40
4399	-2.55	11.18	5.34	-157.15	-146.42	-2278.89	96.35	-442.78	723.96
4400	-3.57	11.12	5.34	-164.90	-147.72	-2300.44	109.08	-566.50	711.37
4401	-4.58	11.04	5.34	-181.39	-147.75	-2307.57	120.59	-680.68	688.67
4402	-5.59	10.95	5.34	-204.57	-146.15	-2303.62	129.65	-781.71	656.25
4403	-6.59	10.84	5.34	-231.99	-142.71	-2292.89	135.09	-866.45	614.94
4404	-7.58	10.71	5.34	-260.44	-137.30	-2280.22	136.07	-932.67	565.87
4405	-8.56	10.56	5.34	-286.87	-130.01	-2270.49	131.97	-978.99	510.39
4406	-9.53	10.40	5.34	-308.19	-121.10	-2268.19	122.62	-1004.81	450.04
4407	-0.53	12.73	5.34	-173.07	-177.03	-2119.06	76.51	-200.05	746.41
4408	-1.58	12.69	5.34	-164.03	-177.86	-2177.45	89.88	-322.69	751.18
4409	-2.64	12.63	5.34	-164.18	-176.85	-2221.89	103.59	-443.14	744.28
4410	-3.68	12.53	5.34	-172.90	-173.77	-2253.06	116.34	-557.57	725.81
4411	-4.72	12.41	5.34	-188.92	-168.51	-2272.74	126.79	-662.29	696.31
4412	-5.75	12.25	5.34	-210.20	-161.06	-2283.63	133.82	-754.11	656.79
4413	-6.77	12.06	5.34	-234.34	-151.64	-2289.08	136.51	-830.51	608.61
4414	-7.77	11.85	5.34	-258.62	-140.59	-2292.69	134.33	-889.72	553.39
4415	-8.76	11.60	5.34	-280.39	-128.38	-2297.95	127.12	-930.88	492.87
4416	-9.74	11.33	5.34	-297.34	-115.65	-2307.81	115.19	-953.98	428.96
4417	-0.55	14.22	5.34	-177.63	-192.11	-2080.98	76.28	-212.48	726.68
4418	-1.63	14.17	5.34	-171.05	-190.97	-2143.92	89.44	-324.43	729.13
4419	-2.72	14.08	5.34	-172.16	-186.97	-2196.11	102.43	-433.77	719.41
4420	-3.79	13.95	5.34	-180.33	-180.09	-2237.87	113.88	-537.13	697.88
4421	-4.86	13.77	5.34	-194.31	-170.55	-2270.30	122.53	-631.37	665.40
4422	-5.91	13.55	5.34	-212.36	-158.79	-2295.18	127.40	-713.81	623.29
4423	-6.95	13.29	5.34	-232.36	-145.37	-2314.72	127.83	-782.38	573.18
4424	-7.97	12.99	5.34	-252.11	-130.94	-2331.33	123.56	-835.74	516.93
4425	-8.97	12.65	5.34	-269.49	-116.25	-2347.30	114.75	-873.29	456.47
4426	-9.94	12.27	5.34	-282.71	-101.86	-2364.64	101.88	-895.15	393.50
4427	-0.56	15.71	5.34	-183.72	-180.27	-2081.06	69.91	-219.74	664.64
4428	-1.68	15.65	5.34	-178.63	-177.55	-2149.21	81.26	-318.99	665.29
4429	-2.80	15.54	5.34	-179.57	-171.67	-2208.97	92.24	-415.60	654.47
4430	-3.91	15.36	5.34	-186.00	-162.83	-2260.16	101.59	-506.77	632.68
4431	-5.00	15.14	5.34	-196.95	-151.43	-2303.16	108.22	-589.99	600.86
4432	-6.07	14.85	5.34	-211.01	-138.11	-2338.84	111.32	-663.11	560.38
4433	-7.13	14.52	5.34	-226.57	-123.64	-2368.41	110.40	-724.50	512.92
4434	-8.16	14.13	5.34	-241.94	-108.86	-2393.29	105.39	-773.14	460.35
4435	-9.17	13.69	5.34	-255.49	-94.56	-2414.94	96.53	-808.56	404.53
4436	-10.14	13.20	5.34	-265.87	-81.41	-2434.69	84.37	-830.90	347.28
4437	-0.58	17.20	5.34	-189.90	-148.44	-2108.76	57.38	-221.81	573.44
4438	-1.73	17.13	5.34	-185.53	-144.91	-2181.90	66.29	-307.51	572.78
4439	-2.88	16.99	5.34	-185.55	-138.49	-2248.18	74.91	-390.67	562.24
4440	-4.02	16.78	5.34	-189.66	-129.41	-2306.97	82.19	-469.29	542.26
4441	-5.14	16.50	5.34	-197.20	-118.18	-2358.02	87.20	-541.48	513.74
4442	-6.24	16.15	5.34	-207.21	-105.49	-2401.43	89.28	-605.65	477.91
4443	-7.31	15.74	5.34	-218.53	-92.16	-2437.62	88.03	-660.57	436.30
4444	-8.36	15.27	5.34	-229.92	-79.06	-2467.22	83.39	-705.45	390.57
4445	-9.37	14.73	5.34	-240.23	-67.00	-2491.03	75.60	-739.94	342.47
4446	-10.34	14.13	5.34	-248.37	-56.60	-2510.00	65.11	-763.96	293.54
4447	-14.78	9.47	5.34	-249.46	-52.61	-2513.91	1.91	-782.81	85.85
4448	-14.21	10.38	5.34	-252.28	-47.02	-2526.39	9.05	-785.38	107.77
4449	-13.59	11.26	5.34	-254.22	-42.86	-2536.34	17.29	-785.62	133.10
4450	-13.89	9.40	5.34	-286.92	-68.86	-2425.23	27.99	-871.87	150.07
4451	-13.49	10.20	5.34	-281.69	-63.88	-2448.53	32.02	-859.12	165.33
4452	-13.05	10.97	5.34	-276.42	-59.41	-2469.83	36.37	-844.97	182.05
4453	-13.00	9.34	5.34	-316.40	-83.66	-2347.98	53.86	-947.37	214.87
4454	-12.77	10.03	5.34	-306.08	-79.00	-2378.01	54.62	-923.52	222.34
4455	-12.52	10.69	5.34	-295.66	-73.99	-2406.80	55.41	-899.68	229.48

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
4456	-11.25	13.49	5.34	-253.80	-48.79	-2523.55	53.24	-778.69	247.52
4457	-11.00	12.69	5.34	-272.22	-71.21	-2450.41	71.34	-841.89	296.34
4458	-10.76	11.90	5.34	-289.95	-90.23	-2381.16	88.26	-902.19	339.67
4459	-12.09	12.80	5.34	-256.45	-43.75	-2532.26	41.00	-786.39	204.64
4460	-11.75	12.18	5.34	-275.10	-64.26	-2462.40	58.72	-845.22	252.16
4461	-11.42	11.56	5.34	-292.64	-81.78	-2396.07	75.48	-900.68	295.79
4462	-12.88	12.07	5.34	-256.02	-41.16	-2537.90	28.47	-787.17	165.01
4463	-12.47	11.63	5.34	-274.75	-58.75	-2473.77	45.65	-841.82	210.06
4464	-12.07	11.20	5.34	-292.10	-74.96	-2412.49	62.02	-892.94	253.63
4465	-14.22	-3.10	17.16	9.54	-50.56	33.03	50.80	62.59	65.36
4466	-13.31	-3.10	17.16	7.79	-42.53	-61.52	91.69	30.20	55.65
4467	-12.39	-3.10	17.16	-59.21	-50.28	-96.96	123.32	-44.58	40.67
4468	-11.47	-3.10	17.16	-221.90	-82.54	-128.28	144.22	-153.45	21.89
4469	-10.55	-3.10	17.16	-529.80	-149.22	-190.67	149.46	-318.77	-2.66
4470	-9.64	-3.10	17.16	-1074.25	-267.77	-340.93	129.85	-608.64	-39.30
4471	-8.72	-3.10	17.16	-2033.74	-478.07	-731.17	69.49	-1199.92	-102.43
4472	-7.80	-3.10	17.16	-3760.19	-874.30	-1775.64	-55.09	-2568.41	-235.83
4473	-6.88	-3.10	17.16	-7137.59	-2253.99	-8184.26	-227.18	-6726.30	-622.16
4474	-5.97	-3.10	17.16	-1810.77	-2044.79	-12838.90	227.72	-1412.57	-51.93
4475	-5.05	-3.10	17.16	-1785.84	-1925.33	-9197.46	129.43	797.88	1756.37
4476	-4.13	-3.10	17.16	-1578.70	-2024.67	-6704.65	-0.83	110.07	3540.39
4477	-3.21	-3.10	17.16	-1469.55	-2082.19	-6295.27	-84.19	97.29	3805.12
4478	-2.29	-3.10	17.16	-1372.03	-2070.08	-5945.56	-122.18	141.31	3763.25
4479	-1.38	-3.10	17.16	-1296.80	-1998.43	-5628.89	-153.95	201.04	3622.19
4480	-0.46	-3.10	17.16	-1232.68	-1893.45	-5322.93	-170.52	261.39	3445.55
4481	-14.34	-2.50	17.16	15.42	-44.48	32.45	44.90	65.67	58.33
4482	-13.41	-2.50	17.16	18.13	-39.30	-62.03	81.54	32.77	48.61
4483	-12.49	-2.50	17.16	-45.60	-48.72	-96.47	110.89	-42.84	35.64
4484	-11.56	-2.50	17.16	-206.46	-82.77	-126.91	131.12	-152.15	20.16
4485	-10.64	-2.50	17.16	-514.41	-150.67	-188.36	138.51	-317.12	0.51
4486	-9.71	-2.50	17.16	-1061.10	-269.10	-337.23	125.69	-605.16	-28.11
4487	-8.79	-2.50	17.16	-2025.62	-477.67	-725.43	80.51	-1191.67	-78.50
4488	-7.86	-2.50	17.16	-3761.14	-872.72	-1763.54	-14.86	-2558.96	-186.10
4489	-6.94	-2.50	17.16	-7158.26	-2281.27	-8254.96	-142.53	-6764.69	-501.57
4490	-6.01	-2.50	17.16	-1718.14	-2155.22	-13160.00	208.18	-1356.91	-27.55
4491	-5.09	-2.50	17.16	-1747.09	-1578.35	-7945.71	-14.64	2330.23	768.91
4492	-4.16	-2.50	17.16	-998.82	-952.29	-2961.17	4.06	398.23	1495.78
4493	-3.24	-2.50	17.16	-751.35	-970.53	-2431.22	-59.31	74.09	1885.17
4494	-2.31	-2.50	17.16	-656.29	-953.65	-2199.48	-85.79	41.47	1936.79
4495	-1.39	-2.50	17.16	-612.88	-919.50	-2061.44	-97.82	70.35	1890.47
4496	-0.46	-2.50	17.16	-582.32	-870.03	-1944.14	-101.56	110.95	1806.44
4497	-14.64	-3.10	15.47	-63.41	98.41	6.20	14.99	-49.94	121.78
4498	-13.70	-3.10	15.47	-232.51	69.41	-219.22	17.13	-191.18	86.47
4499	-12.75	-3.10	15.47	-459.91	38.66	-355.40	8.26	-374.29	48.77
4500	-11.81	-3.10	15.47	-748.04	0.21	-490.11	-9.77	-631.96	1.77
4501	-10.86	-3.10	15.47	-1105.23	-55.63	-707.48	-36.03	-1002.06	-60.37
4502	-9.92	-3.10	15.47	-1522.59	-142.06	-1132.59	-66.23	-1543.45	-144.47
4503	-8.97	-3.10	15.47	-1914.83	-280.10	-2008.78	-84.32	-2321.23	-255.38
4504	-8.03	-3.10	15.47	-1959.09	-516.57	-3920.68	-42.81	-3266.46	-378.52
4505	-7.08	-3.10	15.47	-254.27	-530.85	-5948.43	177.10	-2720.64	-329.80
4506	-6.14	-3.10	15.47	-329.47	-723.17	-7192.02	352.74	-1566.39	-100.87
4507	-5.20	-3.10	15.47	-614.42	-582.02	-7199.84	569.36	-109.74	222.00
4508	-4.25	-3.10	15.47	-1007.21	-269.34	-6071.42	434.25	468.21	592.13
4509	-3.31	-3.10	15.47	-1006.31	-62.60	-5070.75	236.07	393.47	923.12
4510	-2.36	-3.10	15.47	-934.27	37.07	-4528.73	77.03	339.17	1045.75
4511	-1.42	-3.10	15.47	-873.35	103.61	-4168.53	-29.56	327.38	1054.75
4512	-0.47	-3.10	15.47	-833.31	148.69	-3889.77	-77.41	329.96	1008.04
4513	-14.75	-2.50	15.47	-60.20	100.30	5.35	15.32	-42.26	109.78
4514	-13.80	-2.50	15.47	-229.11	69.84	-220.43	17.30	-185.32	79.20
4515	-12.85	-2.50	15.47	-457.49	38.66	-355.06	11.76	-370.40	47.18
4516	-11.89	-2.50	15.47	-747.54	-1.00	-488.12	-1.16	-630.67	8.36
4517	-10.94	-2.50	15.47	-1107.70	-59.52	-704.36	-20.41	-1004.04	-41.93
4518	-9.99	-2.50	15.47	-1528.55	-151.74	-1129.46	-42.34	-1549.66	-108.94
4519	-9.04	-2.50	15.47	-1922.82	-301.66	-2008.09	-54.02	-2333.18	-196.45
4520	-8.09	-2.50	15.47	-1960.69	-559.00	-3939.26	-17.81	-3287.06	-294.65
4521	-7.14	-2.50	15.47	-203.50	-603.39	-6009.20	167.89	-2714.63	-251.55
4522	-6.18	-2.50	15.47	-168.93	-826.29	-7160.24	336.17	-1389.85	-36.86
4523	-5.23	-2.50	15.47	-533.88	-991.66	-7020.26	565.97	108.81	469.37
4524	-4.28	-2.50	15.47	-1221.85	-1044.66	-5700.85	431.72	820.56	1055.05
4525	-3.33	-2.50	15.47	-1175.95	-886.76	-4394.58	240.41	540.04	1399.17
4526	-2.38	-2.50	15.47	-1049.06	-794.01	-3810.78	77.73	369.55	1537.47
4527	-1.43	-2.50	15.47	-943.66	-716.77	-3463.37	-28.22	301.17	1544.58
4528	-0.48	-2.50	15.47	-872.90	-652.85	-3215.73	-86.01	283.21	1489.16
4529	-15.06	-3.10	13.78	-99.19	174.17	-290.72	-3.90	-223.44	128.73
4530	-14.09	-3.10	13.78	-271.17	143.85	-511.01	-17.34	-460.09	74.65
4531	-13.11	-3.10	13.78	-468.71	110.76	-712.38	-35.73	-696.67	22.89
4532	-12.14	-3.10	13.78	-678.00	74.42	-940.02	-57.56	-973.42	-34.47
4533	-11.17	-3.10	13.78	-869.51	30.63	-1263.73	-78.18	-1309.35	-102.34
4534	-10.20	-3.10	13.78	-987.20	-24.94	-1771.65	-88.09	-1694.27	-180.89
4535	-9.23	-3.10	13.78	-932.51	-93.54	-2553.79	-70.76	-2047.21	-260.00
4536	-8.26	-3.10	13.78	-581.18	-143.33	-3478.18	-6.62	-2105.50	-303.47
4537	-7.29	-3.10	13.78	-428.02	-235.59	-4402.43	74.36	-1923.64	-291.81
4538	-6.31	-3.10	13.78	-60.46	-274.23	-5081.21	178.78	-1419.51	-199.94
4539	-5.34	-3.10	13.78	-22.16	-351.70	-5309.42	213.46	-716.02	-37.10
4540	-4.37	-3.10	13.78	-237.38	-402.95	-5057.61	249.05	-101.24	148.84
4541	-3.40	-3.10	13.78	-494.10	-397.17	-4543.07	207.26	219.50	325.54
4542	-2.43	-3.10	13.78	-624.53	-367.38	-4041.07	122.70	318.32	451.51
4543	-1.46	-3.10	13.78	-682.87	-332.33	-3647.11	41.15	348.79	497.97
4544	-0.49	-3.10	13.78	-705.37	-300.79	-3340.96	-17.14	351.71	493.31
4545	-15.16	-2.50	13.78	-97.42	174.48	-290.58	-0.27	-214.71	115.25
4546	-14.18	-2.50	13.78	-271.77	143.72	-512.12	-12.49	-454.99	70.26
4547	-13.21	-2.50	13.78	-472.55	110.71	-713.25	-27.61	-694.85	26.83
4548	-12.23	-2.50	13.78	-685.68	73.81	-940.58	-45.46	-976.13	-21.14
4549	-11.25	-2.50	13.78	-880.84	28.25	-1265.55	-62.03	-1318.27	-77.52
4550	-10.27	-2.50	13.78	-1000.14	-31.62	-1778.42	-69.33	-1710.88	-142.23
4551	-9.29	-2.50	13.78	-941.17	-108.81	-2572.58	-53.38	-2070.94	-206.49
4552	-8.31	-2.50	13.78	-572.27	-173.12	-3514.12	3.20	-2124.89	-239.01
4553	-7.34	-2.50	13.78	-394.03	-283.34	-4436.48	77.12	-1911.43	-220.92
4554	-6.36	-2.50	13.78	-38.52	-349.94	-5093.79	174.48	-1378.96	-127.86

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
4555	-5.38	-2.50	13.78	-1.75	-390.90	-5275.04	210.37	-644.73	2.03
4556	-4.40	-2.50	13.78	-196.86	-397.50	-4951.24	241.29	-18.22	154.94
4557	-3.42	-2.50	13.78	-508.40	-413.63	-4360.03	195.62	316.45	326.86
4558	-2.45	-2.50	13.78	-645.32	-394.65	-3780.98	116.76	369.18	445.81
4559	-1.47	-2.50	13.78	-693.35	-371.22	-3371.82	40.07	358.97	497.34
4560	-0.49	-2.50	13.78	-704.10	-346.95	-3078.80	-16.97	340.63	499.62
4561	-15.47	-3.10	12.09	-126.23	174.97	-747.21	-10.99	-362.64	114.57
4562	-14.47	-3.10	12.09	-264.88	154.33	-881.12	-30.97	-624.80	57.72
4563	-13.48	-3.10	12.09	-395.42	130.80	-1059.18	-49.54	-867.39	2.25
4564	-12.48	-3.10	12.09	-509.52	104.87	-1288.04	-66.47	-1106.86	-54.70
4565	-11.48	-3.10	12.09	-584.58	75.54	-1592.86	-78.67	-1344.92	-114.89
4566	-10.48	-3.10	12.09	-590.42	42.26	-1998.74	-80.43	-1557.34	-176.11
4567	-9.48	-3.10	12.09	-506.92	6.92	-2494.81	-65.78	-1688.61	-230.20
4568	-8.49	-3.10	12.09	-385.91	-37.78	-3051.53	-34.91	-1710.07	-268.05
4569	-7.49	-3.10	12.09	-181.10	-76.22	-3583.52	14.74	-1562.41	-275.78
4570	-6.49	-3.10	12.09	-65.87	-126.45	-3994.38	65.31	-1261.33	-245.39
4571	-5.49	-3.10	12.09	-5.80	-165.32	-4208.04	114.78	-879.18	-176.85
4572	-4.49	-3.10	12.09	-44.43	-199.50	-4208.07	126.60	-478.27	-85.50
4573	-3.49	-3.10	12.09	-162.22	-223.30	-4021.16	117.44	-142.39	0.66
4574	-2.50	-3.10	12.09	-301.85	-232.62	-3734.70	88.78	81.05	70.19
4575	-1.50	-3.10	12.09	-409.63	-234.30	-3439.22	49.84	207.69	117.88
4576	-0.50	-3.10	12.09	-479.48	-231.57	-3181.62	9.76	281.15	139.76
4577	-15.58	-2.50	12.09	-125.19	174.57	-747.21	-6.64	-354.97	102.24
4578	-14.57	-2.50	12.09	-267.05	154.42	-882.38	-24.43	-622.16	55.38
4579	-13.57	-2.50	12.09	-400.88	131.32	-1061.75	-40.49	-869.05	9.19
4580	-12.56	-2.50	12.09	-518.24	105.28	-1292.31	-55.22	-1113.46	-38.58
4581	-11.56	-2.50	12.09	-595.56	75.08	-1600.55	-65.89	-1357.36	-89.29
4582	-10.55	-2.50	12.09	-601.02	39.57	-2013.00	-67.67	-1575.59	-140.97
4583	-9.55	-2.50	12.09	-512.67	0.09	-2518.77	-55.25	-1709.70	-186.55
4584	-8.54	-2.50	12.09	-383.43	-50.90	-3084.91	-28.58	-1727.41	-217.76
4585	-7.54	-2.50	12.09	-172.72	-99.32	-3623.12	14.13	-1570.28	-222.28
4586	-6.53	-2.50	12.09	-49.34	-158.94	-4028.32	56.05	-1250.65	-194.89
4587	-5.53	-2.50	12.09	6.75	-220.82	-4218.14	96.39	-847.68	-132.03
4588	-4.52	-2.50	12.09	-49.39	-278.10	-4183.80	108.41	-437.57	-49.42
4589	-3.52	-2.50	12.09	-171.61	-310.99	-3964.32	103.24	-105.35	28.19
4590	-2.51	-2.50	12.09	-322.42	-329.99	-3653.69	77.41	112.68	93.10
4591	-1.51	-2.50	12.09	-432.74	-333.40	-3338.98	41.88	225.79	134.56
4592	-0.50	-2.50	12.09	-500.62	-328.06	-3074.88	5.89	285.35	151.20
4593	-15.89	-3.10	10.41	-147.39	132.46	-1217.21	-9.69	-468.85	90.31
4594	-14.86	-3.10	10.41	-255.88	119.59	-1260.17	-31.17	-708.57	41.19
4595	-13.84	-3.10	10.41	-341.99	105.62	-1367.58	-49.01	-927.60	-9.66
4596	-12.81	-3.10	10.41	-402.73	90.31	-1533.62	-63.11	-1124.46	-61.27
4597	-11.79	-3.10	10.41	-429.70	73.22	-1758.55	-72.26	-1293.74	-113.04
4598	-10.76	-3.10	10.41	-414.77	54.05	-2040.67	-74.26	-1421.50	-162.98
4599	-9.74	-3.10	10.41	-359.42	31.67	-2371.38	-67.28	-1490.17	-207.55
4600	-8.71	-3.10	10.41	-262.74	7.71	-2723.38	-49.90	-1474.74	-241.03
4601	-7.69	-3.10	10.41	-165.18	-20.94	-3057.98	-25.33	-1367.44	-258.29
4602	-6.66	-3.10	10.41	-72.31	-49.00	-3329.13	3.47	-1173.53	-256.25
4603	-5.64	-3.10	10.41	-26.39	-78.80	-3499.46	27.45	-914.13	-236.06
4604	-4.61	-3.10	10.41	-30.87	-106.19	-3550.04	45.82	-632.62	-201.52
4605	-3.59	-3.10	10.41	-81.61	-129.92	-3491.92	50.58	-364.59	-158.89
4606	-2.56	-3.10	10.41	-160.93	-147.59	-3352.26	43.80	-137.53	-118.71
4607	-1.54	-3.10	10.41	-246.45	-157.16	-3169.57	28.51	38.07	-87.56
4608	-0.51	-3.10	10.41	-319.31	-159.70	-2978.54	8.68	169.54	-68.03
4609	-15.99	-2.50	10.41	-146.56	131.43	-1219.29	-6.15	-463.04	80.63
4610	-14.96	-2.50	10.41	-258.22	119.59	-1262.68	-24.94	-708.06	40.26
4611	-13.93	-2.50	10.41	-347.02	106.34	-1371.67	-40.56	-931.72	-1.96
4612	-12.89	-2.50	10.41	-410.01	91.36	-1540.20	-53.15	-1133.17	-45.28
4613	-11.86	-2.50	10.41	-438.19	74.10	-1768.97	-61.58	-1306.95	-89.12
4614	-10.83	-2.50	10.41	-422.71	54.04	-2056.59	-63.93	-1438.42	-131.77
4615	-9.80	-2.50	10.41	-364.88	29.80	-2394.08	-58.55	-1508.85	-170.15
4616	-8.77	-2.50	10.41	-264.35	2.67	-2752.96	-44.20	-1492.17	-199.35
4617	-7.74	-2.50	10.41	-161.90	-30.03	-3091.82	-23.51	-1379.46	-215.05
4618	-6.71	-2.50	10.41	-66.98	-64.20	-3362.65	1.52	-1177.47	-213.82
4619	-5.67	-2.50	10.41	-21.25	-98.72	-3527.64	22.85	-909.63	-196.69
4620	-4.64	-2.50	10.41	-27.44	-130.57	-3567.14	38.07	-619.89	-167.27
4621	-3.61	-2.50	10.41	-84.29	-159.61	-3493.93	41.60	-347.68	-131.60
4622	-2.58	-2.50	10.41	-167.41	-180.24	-3339.78	36.06	-121.70	-98.35
4623	-1.55	-2.50	10.41	-256.79	-192.63	-3146.89	23.14	50.45	-72.03
4624	-0.52	-2.50	10.41	-331.49	-196.40	-2950.09	6.31	176.41	-55.79
4625	-16.31	-3.10	8.72	-165.45	69.18	-1636.76	-3.90	-553.30	63.07
4626	-15.25	-3.10	8.72	-253.74	60.55	-1606.08	-23.84	-757.10	23.62
4627	-14.20	-3.10	8.72	-318.71	52.67	-1635.58	-40.76	-943.18	-19.48
4628	-13.15	-3.10	8.72	-358.56	44.80	-1719.90	-54.19	-1103.41	-64.03
4629	-12.10	-3.10	8.72	-370.93	36.41	-1853.85	-63.43	-1230.64	-108.45
4630	-11.05	-3.10	8.72	-354.65	26.93	-2030.94	-67.57	-1316.84	-150.97
4631	-9.99	-3.10	8.72	-310.70	16.17	-2239.67	-65.73	-1352.06	-189.28
4632	-8.94	-3.10	8.72	-248.83	3.42	-2462.89	-57.99	-1328.81	-220.76
4633	-7.89	-3.10	8.72	-177.46	-10.66	-2677.17	-45.01	-1242.99	-242.83
4634	-6.84	-3.10	8.72	-116.22	-26.73	-2857.45	-29.30	-1098.89	-253.70
4635	-5.79	-3.10	8.72	-75.15	-43.29	-2981.87	-13.16	-910.41	-253.01
4636	-4.73	-3.10	8.72	-64.51	-59.59	-3038.13	-0.51	-696.11	-242.66
4637	-3.68	-3.10	8.72	-84.00	-74.08	-3025.11	7.42	-478.12	-226.06
4638	-2.63	-3.10	8.72	-127.28	-85.83	-2953.59	9.28	-273.55	-206.69
4639	-1.58	-3.10	8.72	-184.03	-94.03	-2840.30	5.82	-92.48	-188.43
4640	-0.53	-3.10	8.72	-244.10	-97.99	-2703.25	-1.25	63.04	-173.97
4641	-16.40	-2.50	8.72	-164.52	67.49	-1642.00	-1.88	-549.51	56.79
4642	-15.34	-2.50	8.72	-255.63	59.94	-1610.74	-19.04	-758.15	24.41
4643	-14.29	-2.50	8.72	-322.84	52.91	-1641.12	-33.81	-948.59	-11.32
4644	-13.23	-2.50	8.72	-364.34	45.68	-1727.42	-45.73	-1112.84	-48.68
4645	-12.17	-2.50	8.72	-377.53	37.61	-1864.51	-54.17	-1243.57	-86.30
4646	-11.11	-2.50	8.72	-361.00	28.04	-2045.86	-58.30	-1332.46	-122.68
4647	-10.05	-2.50	8.72	-315.68	16.62	-2259.70	-57.31	-1369.02	-155.82
4648	-9.00	-2.50	8.72	-251.50	2.53	-2488.12	-51.17	-1345.25	-183.43
4649	-7.94	-2.50	8.72	-177.80	-13.77	-2706.72	-40.41	-1256.92	-203.11
4650	-6.88	-2.50	8.72	-114.56	-32.50	-2889.28	-27.26	-1108.49	-213.44
4651	-5.82	-2.50	8.72	-72.74	-52.51	-3012.98	-13.65	-914.54	-214.07
4652	-4.76	-2.50	8.72	-63.15	-72.49	-3065.73	-2.56	-695.23	-206.36
4653	-3.70	-2.50	8.72	-84.47	-90.16	-3047.15	4.56	-473.29	-193.02



Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
4654	-2.65	-2.50	8.72	-130.59	-104.57	-2969.14	6.46	-266.62	-177.29
4655	-1.59	-2.50	8.72	-189.57	-114.13	-2849.96	3.99	-85.53	-162.63
4656	-0.53	-2.50	8.72	-251.23	-118.53	-2709.03	-1.48	68.85	-151.09
4657	-16.72	-3.10	7.03	-182.49	-4.12	-1997.45	4.26	-626.24	36.69
4658	-15.64	-3.10	7.03	-260.56	-11.18	-1908.75	-13.02	-798.93	4.56
4659	-14.56	-3.10	7.03	-319.23	-15.76	-1866.17	-28.96	-953.95	-31.51
4660	-13.49	-3.10	7.03	-355.07	-18.92	-1869.92	-42.57	-1082.48	-69.19
4661	-12.41	-3.10	7.03	-366.66	-21.25	-1917.40	-52.99	-1178.31	-106.82
4662	-11.33	-3.10	7.03	-354.45	-23.36	-2002.79	-59.48	-1236.31	-142.89
4663	-10.25	-3.10	7.03	-321.92	-25.89	-2116.84	-61.64	-1252.34	-175.92
4664	-9.17	-3.10	7.03	-274.56	-29.20	-2246.59	-59.41	-1223.35	-204.35
4665	-8.09	-3.10	7.03	-221.70	-33.75	-2376.47	-53.39	-1149.17	-226.77
4666	-7.01	-3.10	7.03	-172.10	-39.35	-2490.09	-44.65	-1033.44	-242.17
4667	-5.93	-3.10	7.03	-135.40	-45.93	-2573.12	-34.85	-883.91	-250.27
4668	-4.85	-3.10	7.03	-117.29	-52.90	-2615.68	-25.47	-712.06	-251.54
4669	-3.78	-3.10	7.03	-120.26	-59.62	-2614.26	-18.06	-530.30	-247.30
4670	-2.70	-3.10	7.03	-142.55	-65.28	-2571.31	-13.31	-350.15	-239.47
4671	-1.62	-3.10	7.03	-179.85	-69.28	-2493.99	-11.42	-179.73	-229.90
4672	-0.54	-3.10	7.03	-226.90	-71.26	-2391.32	-11.92	-23.08	-220.14
4673	-16.82	-2.50	7.03	-181.31	-6.55	-2006.13	4.44	-624.41	33.97
4674	-15.73	-2.50	7.03	-261.91	-12.67	-1915.92	-10.15	-801.32	7.61
4675	-14.65	-2.50	7.03	-322.59	-16.46	-1873.07	-23.93	-960.13	-22.26
4676	-13.56	-2.50	7.03	-359.86	-18.81	-1877.70	-35.81	-1091.99	-53.82
4677	-12.48	-2.50	7.03	-372.15	-20.49	-1927.21	-45.05	-1190.54	-85.66
4678	-11.39	-2.50	7.03	-359.83	-22.17	-2015.66	-51.01	-1250.51	-116.50
4679	-10.31	-2.50	7.03	-326.41	-24.60	-2133.53	-53.27	-1267.53	-145.06
4680	-9.22	-2.50	7.03	-277.60	-28.21	-2267.40	-51.74	-1238.37	-169.96
4681	-8.14	-2.50	7.03	-223.02	-33.43	-2401.09	-46.91	-1162.73	-189.97
4682	-7.05	-2.50	7.03	-171.94	-40.17	-2517.53	-39.61	-1044.39	-204.11
4683	-5.97	-2.50	7.03	-134.37	-48.12	-2601.96	-31.24	-891.52	-212.03
4684	-4.88	-2.50	7.03	-116.10	-56.59	-2644.25	-23.15	-716.03	-214.16
4685	-3.80	-2.50	7.03	-119.77	-64.80	-2641.12	-16.60	-531.02	-211.57
4686	-2.71	-2.50	7.03	-143.22	-71.73	-2595.58	-12.19	-348.36	-205.81
4687	-1.63	-2.50	7.03	-181.94	-76.71	-2515.44	-10.13	-176.29	-198.40
4688	-0.54	-2.50	7.03	-230.24	-79.16	-2410.31	-10.00	-18.80	-190.70
4689	-17.14	-3.10	5.34	-203.90	-85.29	-2316.36	13.77	-697.49	12.52
4690	-16.03	-3.10	5.34	-281.26	-91.89	-2175.03	-1.32	-850.63	-16.28
4691	-14.93	-3.10	5.34	-343.06	-94.09	-2062.79	-16.90	-979.33	-47.52
4692	-13.82	-3.10	5.34	-383.12	-93.36	-1988.99	-31.38	-1077.97	-79.29
4693	-12.72	-3.10	5.34	-398.60	-90.37	-1956.42	-43.34	-1143.83	-110.41
4694	-11.61	-3.10	5.34	-390.72	-86.10	-1962.44	-51.95	-1176.00	-140.01
4695	-10.50	-3.10	5.34	-363.45	-81.39	-1999.70	-56.81	-1173.98	-167.32
4696	-9.40	-3.10	5.34	-323.02	-77.00	-2057.68	-58.00	-1137.75	-191.52
4697	-8.29	-3.10	5.34	-276.49	-73.39	-2124.06	-55.91	-1068.29	-211.80
4698	-7.19	-3.10	5.34	-231.50	-70.86	-2186.40	-51.30	-968.45	-227.51
4699	-6.08	-3.10	5.34	-194.62	-69.41	-2233.61	-45.10	-843.31	-238.30
4700	-4.98	-3.10	5.34	-171.03	-68.85	-2257.44	-38.37	-699.73	-244.26
4701	-3.87	-3.10	5.34	-163.44	-68.85	-2253.24	-32.02	-545.62	-245.88
4702	-2.76	-3.10	5.34	-172.32	-69.04	-2220.18	-26.76	-388.52	-243.95
4703	-1.66	-3.10	5.34	-196.26	-69.02	-2160.52	-22.92	-234.68	-239.42
4704	-0.55	-3.10	5.34	-232.88	-68.51	-2078.48	-20.52	-88.30	-233.12
4705	-17.23	-2.50	5.34	-202.60	-88.55	-2328.51	11.98	-697.71	13.28
4706	-16.12	-2.50	5.34	-282.37	-94.37	-2184.53	-0.48	-854.46	-10.37
4707	-15.01	-2.50	5.34	-346.12	-95.82	-2070.71	-13.75	-986.18	-36.22
4708	-13.90	-2.50	5.34	-387.51	-94.16	-1996.53	-26.12	-1087.29	-62.83
4709	-12.78	-2.50	5.34	-403.60	-90.29	-1964.85	-36.45	-1155.05	-89.17
4710	-11.67	-2.50	5.34	-395.60	-85.24	-1972.88	-44.01	-1188.54	-114.51
4711	-10.56	-2.50	5.34	-367.59	-79.97	-2012.99	-48.42	-1187.18	-138.14
4712	-9.45	-2.50	5.34	-325.99	-75.28	-2074.23	-49.69	-1150.84	-159.35
4713	-8.34	-2.50	5.34	-278.12	-71.66	-2143.86	-48.14	-1080.47	-177.39
4714	-7.23	-2.50	5.34	-231.86	-69.38	-2209.02	-44.36	-978.96	-191.65
4715	-6.11	-2.50	5.34	-194.04	-68.41	-2258.27	-39.13	-851.54	-201.79
4716	-5.00	-2.50	5.34	-169.99	-68.52	-2283.16	-33.33	-705.37	-207.80
4717	-3.89	-2.50	5.34	-162.44	-69.23	-2279.04	-27.74	-548.64	-210.05
4718	-2.78	-2.50	5.34	-171.83	-70.07	-2245.26	-22.98	-389.19	-209.19
4719	-1.67	-2.50	5.34	-196.54	-70.54	-2184.39	-19.34	-233.38	-205.98
4720	-0.56	-2.50	5.34	-234.09	-70.33	-2100.97	-16.84	-85.43	-201.10
4721	14.34	-2.50	17.16	18.23	-125.77	38.05	-43.13	-50.05	32.75
4722	13.41	-2.50	17.16	46.28	-111.66	-22.47	-66.95	-44.29	32.31
4723	12.49	-2.50	17.16	43.52	-99.51	-46.79	-87.64	-10.29	28.44
4724	11.56	-2.50	17.16	-6.48	-96.20	-63.66	-103.94	42.76	22.08
4725	10.64	-2.50	17.16	-126.70	-107.03	-90.92	-113.96	121.31	12.90
4726	9.71	-2.50	17.16	-356.68	-139.81	-153.56	-114.51	252.35	-0.98
4727	8.79	-2.50	17.16	-771.33	-211.65	-313.54	-100.79	507.66	-24.78
4728	7.86	-2.50	17.16	-1515.59	-362.87	-733.99	-67.02	1081.29	-72.21
4729	6.94	-2.50	17.16	-2940.67	-907.25	-3203.84	-27.05	2764.57	-193.44
4730	6.01	-2.50	17.16	-787.15	-908.26	-5450.38	-145.13	1136.13	-25.53
4731	5.09	-2.50	17.16	-670.83	-753.73	-3772.43	-66.00	-800.77	447.88
4732	4.16	-2.50	17.16	-454.20	-542.23	-1610.68	-109.32	72.27	950.88
4733	3.24	-2.50	17.16	-428.50	-629.47	-1550.64	-103.54	209.49	1289.67
4734	2.31	-2.50	17.16	-456.83	-702.19	-1616.54	-101.77	213.31	1466.65
4735	1.39	-2.50	17.16	-501.48	-764.06	-1720.59	-100.03	186.55	1596.24
4736	0.46	-2.50	17.16	-546.22	-817.51	-1831.60	-100.24	150.69	1706.78
4737	14.22	-3.10	17.16	13.90	-128.33	38.39	-48.33	-48.94	33.45
4738	13.31	-3.10	17.16	39.86	-113.69	-21.53	-73.48	-43.05	35.24
4739	12.39	-3.10	17.16	35.63	-101.68	-46.21	-94.79	-9.71	31.52
4740	11.47	-3.10	17.16	-14.81	-98.18	-63.49	-111.06	42.60	24.23
4741	10.55	-3.10	17.16	-134.02	-108.73	-91.09	-119.76	120.58	13.21
4742	9.64	-3.10	17.16	-361.29	-141.25	-153.93	-116.90	251.34	-3.81
4743	8.72	-3.10	17.16	-771.14	-212.60	-313.45	-96.51	506.60	-32.52
4744	7.80	-3.10	17.16	-1507.11	-361.20	-731.97	-50.92	1075.96	-89.03
4745	6.88	-3.10	17.16	-2917.20	-883.47	-3140.88	5.71	2723.59	-232.85
4746	5.97	-3.10	17.16	-849.58	-837.10	-5217.48	-152.56	1153.89	-33.36
4747	5.05	-3.10	17.16	-835.09	-943.18	-4435.81	-189.01	113.38	981.68
4748	4.13	-3.10	17.16	-875.98	-1170.47	-3808.65	-213.12	434.68	2132.15
4749	3.21	-3.10	17.16	-941.13	-1379.54	-4109.98	-208.29	437.13	2555.66
4750	2.29	-3.10	17.16	-1005.74	-1545.99	-4411.89	-200.28	407.71	2828.05
4751	1.38	-3.10	17.16	-1081.76	-1675.36	-4716.92	-184.97	365.31	3050.26
4752	0.46	-3.10	17.16	-1161.64	-1784.45	-5020.46	-175.54	315.34	3253.48

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
4753	14.75	-2.50	15.47	-18.50	-43.67	81.33	-28.78	-20.37	67.54
4754	13.80	-2.50	15.47	-91.30	-49.39	-76.17	-35.17	42.21	58.46
4755	12.85	-2.50	15.47	-199.16	-55.27	-168.03	-37.19	131.02	46.86
4756	11.89	-2.50	15.47	-339.44	-64.41	-242.36	-34.75	257.22	30.30
4757	10.94	-2.50	15.47	-514.29	-82.01	-342.48	-28.61	434.40	6.85
4758	9.99	-2.50	15.47	-719.22	-115.29	-525.87	-20.73	685.78	-25.49
4759	9.04	-2.50	15.47	-918.73	-175.14	-896.02	-17.41	1038.36	-67.84
4760	8.09	-2.50	15.47	-980.78	-281.60	-1691.92	-36.15	1467.75	-114.87
4761	7.14	-2.50	15.47	-349.60	-316.61	-2602.22	-121.30	1336.45	-103.88
4762	6.18	-2.50	15.47	-325.48	-414.77	-3186.64	-236.29	853.96	9.58
4763	5.23	-2.50	15.47	-475.42	-508.43	-3314.68	-397.68	348.34	303.34
4764	4.28	-2.50	15.47	-798.52	-584.31	-3034.53	-362.31	47.90	689.93
4765	3.33	-2.50	15.47	-804.96	-562.71	-2716.30	-281.77	185.96	981.36
4766	2.38	-2.50	15.47	-788.86	-570.86	-2727.69	-205.25	259.59	1176.43
4767	1.43	-2.50	15.47	-794.23	-585.18	-2846.15	-151.31	281.73	1307.51
4768	0.48	-2.50	15.47	-824.49	-609.20	-3014.24	-117.49	282.73	1407.08
4769	14.64	-3.10	15.47	-21.76	-44.45	82.68	-31.83	-17.44	69.75
4770	13.70	-3.10	15.47	-94.60	-49.17	-73.19	-39.61	44.18	61.17
4771	12.75	-3.10	15.47	-201.60	-55.16	-165.27	-40.63	131.53	49.01
4772	11.81	-3.10	15.47	-340.40	-63.95	-240.26	-36.40	255.60	30.24
4773	10.86	-3.10	15.47	-513.20	-80.44	-340.75	-27.70	430.10	2.77
4774	9.92	-3.10	15.47	-715.99	-110.96	-523.50	-16.86	678.13	-35.69
4775	8.97	-3.10	15.47	-914.83	-164.82	-890.44	-11.39	1026.53	-86.29
4776	8.03	-3.10	15.47	-982.90	-260.20	-1672.60	-32.16	1451.27	-141.60
4777	7.08	-3.10	15.47	-388.19	-278.50	-2558.37	-128.03	1339.27	-128.37
4778	6.14	-3.10	15.47	-436.72	-354.75	-3200.35	-242.94	962.09	-11.47
4779	5.20	-3.10	15.47	-533.28	-264.74	-3424.24	-383.95	494.91	171.26
4780	4.25	-3.10	15.47	-706.06	-103.31	-3277.21	-337.31	281.65	411.95
4781	3.31	-3.10	15.47	-723.98	6.91	-3165.94	-250.68	327.56	654.30
4782	2.36	-3.10	15.47	-726.71	67.77	-3257.35	-172.22	345.80	799.30
4783	1.42	-3.10	15.47	-750.88	117.67	-3431.57	-116.07	340.19	887.40
4784	0.47	-3.10	15.47	-792.98	152.78	-3647.38	-91.63	332.40	949.24
4785	15.16	-2.50	13.78	-40.95	-5.66	-15.33	-22.86	64.17	79.34
4786	14.18	-2.50	13.78	-136.90	-10.82	-203.99	-21.44	194.97	61.99
4787	13.21	-2.50	13.78	-255.54	-18.41	-346.64	-17.88	324.92	43.50
4788	12.23	-2.50	13.78	-387.84	-28.96	-475.35	-11.60	472.18	21.25
4789	11.25	-2.50	13.78	-516.76	-44.58	-630.59	-4.84	644.98	-6.38
4790	10.27	-2.50	13.78	-616.02	-68.32	-859.13	-1.65	840.28	-39.12
4791	9.29	-2.50	13.78	-642.22	-102.16	-1207.58	-9.09	1026.51	-72.59
4792	8.31	-2.50	13.78	-541.26	-135.40	-1635.90	-36.45	1098.39	-92.12
4793	7.34	-2.50	13.78	-495.99	-188.59	-2081.69	-78.51	1060.59	-83.80
4794	6.36	-2.50	13.78	-383.44	-229.90	-2454.07	-132.76	898.35	-33.37
4795	5.38	-2.50	13.78	-380.64	-258.49	-2668.22	-160.15	645.36	42.54
4796	4.40	-2.50	13.78	-455.17	-271.42	-2709.47	-189.31	430.29	140.50
4797	3.42	-2.50	13.78	-590.08	-296.32	-2672.65	-175.74	309.62	261.23
4798	2.45	-2.50	13.78	-652.44	-307.22	-2653.90	-138.59	299.73	362.68
4799	1.47	-2.50	13.78	-681.96	-316.98	-2725.49	-96.67	310.15	431.88
4800	0.49	-2.50	13.78	-698.23	-328.56	-2868.06	-58.36	323.99	475.22
4801	15.06	-3.10	13.78	-43.80	-6.02	-12.54	-24.98	67.68	84.50
4802	14.09	-3.10	13.78	-138.51	-10.26	-198.63	-25.02	195.87	64.62
4803	13.11	-3.10	13.78	-255.23	-17.83	-340.59	-21.01	323.34	43.88
4804	12.14	-3.10	13.78	-385.20	-27.92	-469.34	-13.81	467.53	18.74
4805	11.17	-3.10	13.78	-511.97	-42.50	-624.19	-5.95	636.62	-12.75
4806	10.20	-3.10	13.78	-610.46	-63.86	-850.62	-2.17	827.88	-50.30
4807	9.23	-3.10	13.78	-639.55	-93.05	-1193.61	-10.45	1011.20	-88.82
4808	8.26	-3.10	13.78	-548.99	-118.38	-1614.81	-40.60	1087.28	-111.88
4809	7.29	-3.10	13.78	-517.87	-160.70	-2064.96	-84.73	1068.69	-105.66
4810	6.31	-3.10	13.78	-399.14	-183.71	-2453.15	-139.08	924.06	-57.14
4811	5.34	-3.10	13.78	-400.95	-227.60	-2699.92	-164.62	692.34	33.25
4812	4.37	-3.10	13.78	-485.64	-262.01	-2791.67	-195.59	490.66	147.03
4813	3.40	-3.10	13.78	-592.50	-274.84	-2813.78	-182.57	382.76	269.04
4814	2.43	-3.10	13.78	-650.74	-277.53	-2856.57	-141.24	352.02	371.27
4815	1.46	-3.10	13.78	-684.48	-277.61	-2957.04	-95.90	342.10	433.30
4816	0.49	-3.10	13.78	-704.00	-282.43	-3114.33	-57.37	344.78	469.04
4817	15.58	-2.50	12.09	-66.85	-15.78	-243.87	-24.19	153.67	83.47
4818	14.57	-2.50	12.09	-166.35	-12.74	-407.92	-20.22	331.40	62.21
4819	13.57	-2.50	12.09	-279.28	-13.94	-548.67	-15.36	489.45	39.21
4820	12.56	-2.50	12.09	-390.24	-17.71	-680.87	-9.45	634.68	14.16
4821	11.56	-2.50	12.09	-485.40	-25.18	-829.92	-4.03	771.30	-13.40
4822	10.55	-2.50	12.09	-546.11	-37.09	-1019.17	-1.95	892.16	-42.25
4823	9.55	-2.50	12.09	-559.99	-53.50	-1255.71	-6.39	977.47	-68.84
4824	8.54	-2.50	12.09	-544.90	-77.55	-1533.98	-18.44	1015.37	-88.36
4825	7.54	-2.50	12.09	-487.41	-104.49	-1824.85	-38.61	984.17	-94.31
4826	6.53	-2.50	12.09	-449.57	-138.80	-2089.41	-60.27	886.30	-82.88
4827	5.53	-2.50	12.09	-429.21	-178.42	-2295.79	-82.52	751.08	-50.32
4828	4.52	-2.50	12.09	-446.05	-219.55	-2439.57	-90.81	607.05	-3.47
4829	3.52	-2.50	12.09	-479.20	-251.18	-2534.39	-90.03	487.52	45.18
4830	2.51	-2.50	12.09	-520.98	-278.46	-2616.69	-76.45	404.22	90.98
4831	1.51	-2.50	12.09	-540.67	-299.51	-2719.60	-54.08	356.53	126.26
4832	0.50	-2.50	12.09	-534.60	-316.28	-2869.47	-26.29	322.57	147.12
4833	15.47	-3.10	12.09	-69.91	-15.95	-238.30	-27.23	156.89	91.23
4834	14.47	-3.10	12.09	-167.40	-12.13	-399.55	-24.48	330.39	66.02
4835	13.48	-3.10	12.09	-277.98	-13.29	-539.00	-19.49	484.93	39.39
4836	12.48	-3.10	12.09	-386.48	-16.59	-670.72	-13.44	626.70	10.77
4837	11.48	-3.10	12.09	-479.69	-23.30	-819.08	-7.87	759.96	-20.48
4838	10.48	-3.10	12.09	-540.01	-33.75	-1006.47	-6.06	878.05	-52.97
4839	9.48	-3.10	12.09	-556.03	-47.56	-1239.98	-11.49	962.62	-82.70
4840	8.49	-3.10	12.09	-544.92	-67.52	-1515.87	-25.11	1003.45	-104.52
4841	7.49	-3.10	12.09	-490.48	-87.96	-1806.49	-47.63	978.29	-111.41
4842	6.49	-3.10	12.09	-457.49	-115.44	-2077.50	-72.39	891.48	-98.34
4843	5.49	-3.10	12.09	-434.76	-139.59	-2300.27	-97.36	768.72	-63.82
4844	4.49	-3.10	12.09	-443.01	-163.13	-2467.00	-103.67	631.25	-14.72
4845	3.49	-3.10	12.09	-473.17	-182.92	-2584.99	-99.36	511.87	35.40
4846	2.50	-3.10	12.09	-507.90	-197.93	-2687.61	-83.10	427.26	80.61
4847	1.50	-3.10	12.09	-524.22	-211.47	-2809.63	-57.96	372.92	116.70
4848	0.50	-3.10	12.09	-516.04	-223.61	-2972.00	-26.57	329.68	137.96
4849	15.99	-2.50	10.41	-90.38	-62.70	-557.09	-33.76	252.14	87.09
4850	14.96	-2.50	10.41	-218.59	-54.58	-678.95	-28.58	466.85	63.05
4851	13.93	-2.50	10.41	-336.00	-45.99	-770.89	-23.57	640.91	36.61

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
4852	12.89	-2.50	10.41	-450.14	-40.51	-854.79	-16.58	778.44	9.08
4853	11.86	-2.50	10.41	-537.01	-36.75	-950.49	-10.31	878.36	-18.14
4854	10.83	-2.50	10.41	-588.27	-36.28	-1076.21	-6.52	946.50	-44.69
4855	9.80	-2.50	10.41	-604.60	-40.51	-1238.12	-6.36	984.15	-69.43
4856	8.77	-2.50	10.41	-587.89	-49.45	-1430.18	-10.55	985.97	-90.10
4857	7.74	-2.50	10.41	-555.31	-64.05	-1638.58	-18.20	949.86	-104.27
4858	6.71	-2.50	10.41	-513.33	-82.64	-1845.42	-28.31	878.11	-109.73
4859	5.67	-2.50	10.41	-479.15	-103.82	-2035.68	-36.99	778.51	-106.56
4860	4.64	-2.50	10.41	-455.44	-125.80	-2200.63	-42.89	666.03	-96.07
4861	3.61	-2.50	10.41	-443.72	-148.15	-2343.85	-42.69	554.34	-81.10
4862	2.58	-2.50	10.41	-433.59	-167.39	-2476.62	-37.10	453.04	-66.32
4863	1.55	-2.50	10.41	-417.36	-182.76	-2614.86	-26.15	362.07	-54.98
4864	0.52	-2.50	10.41	-384.87	-192.75	-2770.83	-11.03	274.55	-50.54
4865	15.89	-3.10	10.41	-94.20	-62.95	-546.51	-39.49	254.53	97.40
4866	14.86	-3.10	10.41	-219.62	-53.52	-666.26	-35.07	463.61	68.71
4867	13.84	-3.10	10.41	-334.10	-44.54	-757.67	-29.96	633.21	37.77
4868	12.81	-3.10	10.41	-445.29	-38.64	-841.81	-22.74	767.31	5.95
4869	11.79	-3.10	10.41	-530.13	-34.56	-937.50	-16.30	864.74	-25.17
4870	10.76	-3.10	10.41	-580.64	-33.51	-1062.40	-12.62	931.30	-55.15
4871	9.74	-3.10	10.41	-597.55	-36.61	-1222.81	-12.94	968.61	-82.75
4872	8.71	-3.10	10.41	-582.39	-43.56	-1413.27	-18.02	971.70	-105.44
4873	7.69	-3.10	10.41	-552.13	-55.36	-1621.40	-26.74	939.01	-120.47
4874	6.66	-3.10	10.41	-511.15	-69.66	-1830.32	-37.56	872.00	-125.87
4875	5.64	-3.10	10.41	-477.19	-87.00	-2025.30	-46.29	777.26	-121.79
4876	4.61	-3.10	10.41	-452.79	-105.02	-2197.91	-52.40	669.55	-109.68
4877	3.59	-3.10	10.41	-438.17	-122.71	-2351.02	-51.41	560.46	-92.49
4878	2.56	-3.10	10.41	-425.93	-138.23	-2493.60	-43.80	458.81	-75.84
4879	1.54	-3.10	10.41	-407.11	-149.77	-2639.35	-30.14	365.50	-64.17
4880	0.51	-3.10	10.41	-372.89	-156.96	-2799.68	-11.92	273.49	-60.68
4881	16.40	-2.50	8.72	-175.56	-151.34	-959.67	-48.51	385.87	96.83
4882	15.34	-2.50	8.72	-298.39	-131.76	-1020.22	-48.52	644.89	64.10
4883	14.29	-2.50	8.72	-498.56	-121.00	-1012.90	-35.95	843.43	28.50
4884	13.23	-2.50	8.72	-632.47	-100.59	-987.34	-24.47	938.87	-0.15
4885	12.17	-2.50	8.72	-706.47	-80.60	-1002.96	-16.29	982.21	-25.55
4886	11.11	-2.50	8.72	-734.15	-64.78	-1065.49	-11.27	996.44	-49.52
4887	10.05	-2.50	8.72	-726.73	-54.63	-1169.89	-9.07	989.17	-72.31
4888	9.00	-2.50	8.72	-694.89	-50.56	-1307.27	-9.29	961.47	-93.13
4889	7.94	-2.50	8.72	-646.63	-51.99	-1466.42	-11.56	912.22	-110.74
4890	6.88	-2.50	8.72	-592.10	-58.24	-1635.65	-14.92	841.77	-124.16
4891	5.82	-2.50	8.72	-537.35	-68.10	-1804.58	-18.51	753.43	-132.86
4892	4.76	-2.50	8.72	-487.60	-80.15	-1966.88	-20.94	652.42	-137.26
4893	3.70	-2.50	8.72	-442.76	-92.50	-2120.58	-21.43	544.67	-138.62
4894	2.65	-2.50	8.72	-400.90	-103.90	-2268.12	-19.20	434.02	-138.74
4895	1.59	-2.50	8.72	-357.18	-112.70	-2413.79	-14.54	320.98	-139.82
4896	0.53	-2.50	8.72	-307.91	-117.86	-2561.06	-8.21	201.61	-143.56
4897	16.31	-3.10	8.72	-180.47	-152.27	-941.08	-58.02	387.16	110.40
4898	15.25	-3.10	8.72	-299.34	-129.46	-1001.77	-59.44	638.36	71.51
4899	14.20	-3.10	8.72	-494.42	-117.57	-997.12	-45.22	832.28	29.55
4900	13.15	-3.10	8.72	-625.29	-96.77	-973.90	-32.52	925.60	-3.82
4901	12.10	-3.10	8.72	-697.54	-76.89	-990.37	-23.72	967.59	-33.05
4902	11.05	-3.10	8.72	-724.48	-61.32	-1052.66	-18.52	980.98	-60.35
4903	9.99	-3.10	8.72	-717.19	-51.21	-1156.04	-16.41	973.52	-86.02
4904	8.94	-3.10	8.72	-686.24	-46.76	-1292.11	-16.86	946.54	-109.21
4905	7.89	-3.10	8.72	-639.13	-47.11	-1450.16	-19.40	898.94	-128.61
4906	6.84	-3.10	8.72	-585.85	-51.76	-1619.10	-22.99	830.95	-143.09
4907	5.79	-3.10	8.72	-531.83	-59.25	-1789.01	-26.65	745.56	-152.16
4908	4.73	-3.10	8.72	-482.04	-68.50	-1953.51	-28.56	647.18	-156.53
4909	3.68	-3.10	8.72	-436.76	-78.08	-2110.22	-28.13	541.40	-157.83
4910	2.63	-3.10	8.72	-393.93	-86.86	-2260.94	-24.55	431.59	-158.01
4911	1.58	-3.10	8.72	-349.57	-93.78	-2408.99	-18.13	318.08	-159.51
4912	0.53	-3.10	8.72	-300.15	-97.75	-2556.89	-9.85	197.40	-164.41
4913	16.82	-2.50	7.03	-113.38	-264.14	-1575.11	-91.75	598.29	121.80
4914	15.73	-2.50	7.03	-737.68	-299.74	-1464.43	-56.14	1077.47	43.67
4915	14.65	-2.50	7.03	-947.82	-248.32	-1161.35	-33.29	1106.49	9.35
4916	13.56	-2.50	7.03	-1010.33	-196.45	-1015.81	-20.71	1073.97	-14.54
4917	12.48	-2.50	7.03	-1005.16	-151.04	-968.89	-14.50	1033.69	-35.43
4918	11.39	-2.50	7.03	-965.09	-115.18	-989.64	-11.73	993.50	-55.85
4919	10.31	-2.50	7.03	-904.92	-89.13	-1058.66	-10.71	950.96	-76.19
4920	9.22	-2.50	7.03	-832.71	-71.92	-1162.49	-10.62	901.83	-95.95
4921	8.14	-2.50	7.03	-754.59	-62.16	-1290.27	-11.13	842.56	-114.30
4922	7.05	-2.50	7.03	-675.05	-58.26	-1432.57	-12.07	771.11	-130.45
4923	5.97	-2.50	7.03	-598.12	-58.72	-1581.55	-13.14	687.21	-143.94
4924	4.88	-2.50	7.03	-525.95	-62.06	-1731.28	-13.98	592.13	-154.76
4925	3.80	-2.50	7.03	-459.47	-66.97	-1878.20	-14.22	487.66	-163.33
4926	2.71	-2.50	7.03	-397.81	-72.11	-2020.69	-13.72	375.14	-170.41
4927	1.63	-2.50	7.03	-339.60	-76.43	-2158.09	-12.53	254.48	-176.85
4928	0.54	-2.50	7.03	-283.63	-78.98	-2289.09	-11.06	124.07	-183.48
4929	16.72	-3.10	7.03	-119.99	-265.47	-1543.96	-111.55	596.58	142.91
4930	15.64	-3.10	7.03	-732.15	-296.35	-1440.65	-70.48	1065.17	49.36
4931	14.56	-3.10	7.03	-939.24	-243.69	-1146.05	-42.34	1094.39	7.73
4932	13.49	-3.10	7.03	-1000.72	-190.69	-1003.74	-27.91	1061.61	-20.21
4933	12.41	-3.10	7.03	-994.87	-145.21	-958.02	-21.46	1020.60	-44.22
4934	11.33	-3.10	7.03	-954.34	-110.06	-978.75	-18.97	979.70	-67.52
4935	10.25	-3.10	7.03	-894.15	-85.01	-1046.95	-18.22	936.81	-90.63
4936	9.17	-3.10	7.03	-822.46	-68.61	-1149.48	-18.25	887.90	-112.93
4937	8.09	-3.10	7.03	-745.31	-59.25	-1275.82	-18.72	829.45	-133.46
4938	7.01	-3.10	7.03	-666.92	-55.22	-1416.89	-19.48	759.35	-151.38
4939	5.93	-3.10	7.03	-591.07	-55.12	-1565.05	-20.18	677.11	-166.28
4940	4.85	-3.10	7.03	-519.77	-57.61	-1714.48	-20.53	583.76	-178.17
4941	3.78	-3.10	7.03	-453.84	-61.48	-1861.51	-20.06	480.79	-187.63
4942	2.70	-3.10	7.03	-392.59	-65.61	-2004.19	-18.66	369.38	-195.61
4943	1.62	-3.10	7.03	-334.75	-69.06	-2141.49	-16.45	249.41	-203.16
4944	0.54	-3.10	7.03	-279.38	-71.12	-2271.74	-13.93	119.38	-211.16
4945	17.23	-2.50	5.34	-2246.67	-777.56	-2961.98	-37.48	1970.07	68.08
4946	16.12	-2.50	5.34	-1975.92	-519.50	-1462.00	-7.58	1370.20	25.58
4947	15.01	-2.50	5.34	-1713.46	-396.34	-1091.48	-4.07	1123.56	1.54
4948	13.90	-2.50	5.34	-1510.42	-302.64	-930.31	-3.68	1000.94	-19.22
4949	12.78	-2.50	5.34	-1346.92	-229.35	-873.93	-5.11	930.09	-39.35
4950	11.67	-2.50	5.34	-1205.59	-173.19	-880.42	-7.57	878.88	-59.10

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
4951	10.56	-2.50	5.34	-1077.13	-132.06	-930.75	-9.93	832.83	-78.58
4952	9.45	-2.50	5.34	-957.43	-103.37	-1012.98	-11.58	784.32	-97.52
4953	8.34	-2.50	5.34	-845.10	-84.44	-1118.11	-12.49	728.89	-115.47
4954	7.23	-2.50	5.34	-740.21	-72.89	-1238.62	-12.93	663.93	-131.99
4955	6.11	-2.50	5.34	-643.23	-66.74	-1368.11	-13.18	588.25	-146.73
4956	5.00	-2.50	5.34	-554.64	-64.39	-1501.32	-13.39	501.68	-159.55
4957	3.89	-2.50	5.34	-474.50	-64.47	-1634.12	-13.64	404.57	-170.53
4958	2.78	-2.50	5.34	-402.54	-65.88	-1763.35	-13.95	297.34	-179.91
4959	1.67	-2.50	5.34	-338.36	-67.73	-1886.30	-14.44	180.09	-187.99
4960	0.56	-2.50	5.34	-281.95	-69.35	-2000.07	-15.31	52.58	-195.03
4961	17.14	-3.10	5.34	-2235.77	-771.10	-2909.87	-67.22	1954.62	103.19
4962	16.03	-3.10	5.34	-1963.25	-518.61	-1440.14	-18.96	1359.86	35.82
4963	14.93	-3.10	5.34	-1702.80	-393.48	-1075.65	-9.42	1114.46	1.43
4964	13.82	-3.10	5.34	-1500.87	-297.24	-918.41	-7.21	991.68	-24.88
4965	12.72	-3.10	5.34	-1337.53	-222.60	-863.93	-9.51	920.09	-48.54
4966	11.61	-3.10	5.34	-1195.74	-166.74	-870.98	-13.44	868.05	-71.29
4967	10.50	-3.10	5.34	-1066.88	-126.95	-920.87	-16.87	821.42	-93.56
4968	9.40	-3.10	5.34	-947.28	-99.84	-1002.02	-18.96	772.73	-115.12
4969	8.29	-3.10	5.34	-835.60	-82.21	-1105.70	-19.87	717.55	-135.44
4970	7.19	-3.10	5.34	-731.77	-71.50	-1224.64	-20.04	653.24	-154.02
4971	6.08	-3.10	5.34	-636.00	-65.73	-1352.64	-19.87	578.51	-170.53
4972	4.98	-3.10	5.34	-548.62	-63.39	-1484.53	-19.58	493.06	-184.88
4973	3.87	-3.10	5.34	-469.57	-63.25	-1616.21	-19.27	397.12	-197.23
4974	2.76	-3.10	5.34	-398.59	-64.36	-1744.42	-18.99	291.02	-207.89
4975	1.66	-3.10	5.34	-335.32	-65.95	-1866.34	-18.92	174.86	-217.27
4976	0.55	-3.10	5.34	-279.82	-67.45	-1978.93	-19.31	48.45	-225.65
4977	-0.45	-3.95	17.16	-1292.94	-578.83	-6954.86	-59.81	378.15	130.07
4978	-1.36	-3.95	17.16	-1320.49	-684.47	-7275.11	-76.23	320.23	177.69
4979	-2.26	-3.95	17.16	-1385.19	-791.41	-7673.51	0.10	190.53	195.96
4980	-3.16	-3.96	17.16	-1546.55	-847.77	-8254.92	82.32	50.08	149.97
4981	-4.07	-3.96	17.16	-1678.86	-966.67	-8969.10	100.98	-62.82	67.36
4982	-4.97	-3.96	17.16	-1666.36	-1318.63	-9982.89	133.38	-346.46	-19.30
4983	-5.87	-3.96	17.16	-1875.67	-1929.55	-12588.80	146.20	-1467.92	-146.58
4984	-6.78	-3.96	17.16	-7102.15	-2225.68	-8140.51	-389.93	-6717.15	-829.24
4985	-7.68	-3.96	17.16	-3751.34	-866.69	-1803.00	-130.21	-2601.26	-335.12
4986	-8.59	-3.97	17.16	-2037.74	-464.12	-733.67	45.72	-1205.08	-157.57
4987	-9.49	-3.97	17.16	-1090.95	-254.59	-344.04	131.49	-610.30	-63.12
4988	-10.39	-3.97	17.16	-553.58	-139.55	-193.00	163.04	-320.09	-10.78
4989	-11.30	-3.97	17.16	-247.25	-77.06	-129.67	161.98	-155.29	22.57
4990	-12.20	-3.97	17.16	-82.08	-49.12	-97.11	140.99	-47.59	46.84
4991	-13.11	-3.97	17.16	-9.50	-45.51	-60.09	106.82	25.62	65.01
4992	-14.01	-3.97	17.16	0.06	-55.47	35.27	61.58	57.43	74.50
4993	-0.44	-5.05	17.16	-928.88	-860.58	-3930.66	44.22	443.10	-1620.06
4994	-1.32	-5.06	17.16	-1251.75	-960.27	-5459.10	5.55	1199.58	-797.63
4995	-2.20	-5.06	17.16	-1077.80	-1000.18	-6907.88	12.00	133.30	-175.17
4996	-3.08	-5.06	17.16	-1438.89	-1068.97	-6154.39	2.22	-997.12	-1040.64
4997	-3.97	-5.07	17.16	-1215.99	-1069.99	-5406.85	-67.86	-277.88	-1941.00
4998	-4.85	-5.07	17.16	-1378.35	-1431.22	-8474.46	-21.90	750.18	-1056.25
4999	-5.73	-5.07	17.16	-1910.84	-1867.87	-12880.00	109.32	-1593.28	-394.97
5000	-6.61	-5.08	17.16	-7080.03	-2172.57	-8184.51	-736.57	-6886.34	-1331.69
5001	-7.49	-5.08	17.16	-3634.61	-834.43	-1734.51	-284.83	-2512.30	-625.44
5002	-8.37	-5.09	17.16	-1995.46	-440.67	-720.73	-9.26	-1170.10	-263.48
5003	-9.25	-5.09	17.16	-1098.85	-239.80	-345.43	123.87	-599.43	-104.70
5004	-10.13	-5.09	17.16	-584.02	-130.40	-197.04	175.39	-317.80	-25.13
5005	-11.01	-5.10	17.16	-284.65	-73.77	-132.95	181.99	-156.74	21.88
5006	-11.90	-5.10	17.16	-117.53	-51.57	-98.38	162.43	-51.79	53.94
5007	-12.78	-5.11	17.16	-37.37	-53.24	-58.70	126.17	18.79	76.28
5008	-13.66	-5.11	17.16	-16.61	-68.31	37.76	77.05	49.59	85.47
5009	-0.43	-6.15	17.16	-525.93	-231.95	-1409.08	-16.34	575.29	-188.61
5010	-1.28	-6.16	17.16	-1263.22	-792.63	-4449.34	45.98	2203.94	-54.15
5011	-2.13	-6.16	17.16	-925.28	-1168.02	-7065.51	-7.42	95.35	-130.66
5012	-2.99	-6.16	17.16	-1396.21	-876.82	-4832.93	-62.45	-1952.82	-172.05
5013	-3.84	-6.17	17.16	-931.25	-757.45	-4436.74	47.25	582.81	1083.63
5014	-4.69	-6.17	17.16	-1344.06	-1462.80	-9080.81	327.21	525.99	868.63
5015	-5.54	-6.18	17.16	-3971.70	-2560.80	-10074.70	-871.59	-3441.61	-2662.68
5016	-6.40	-6.18	17.16	-5056.45	-2172.89	-5211.66	-1453.55	-4398.92	-3176.45
5017	-7.25	-6.18	17.16	-3033.67	-835.58	-1545.54	-507.47	-2059.25	-924.74
5018	-8.10	-6.19	17.16	-1809.97	-423.09	-663.45	-74.21	-1043.14	-370.46
5019	-8.96	-6.19	17.16	-1061.38	-220.89	-337.41	109.54	-561.67	-147.88
5020	-9.81	-6.20	17.16	-602.41	-117.53	-199.12	182.19	-306.88	-40.98
5021	-10.66	-6.20	17.16	-322.10	-68.10	-136.10	197.79	-155.70	20.10
5022	-11.51	-6.20	17.16	-157.27	-52.82	-99.51	181.52	-55.95	59.98
5023	-12.37	-6.21	17.16	-70.67	-60.34	-56.55	145.43	10.92	86.13
5024	-13.22	-6.21	17.16	-38.39	-81.22	40.83	94.37	40.81	95.31
5025	-0.41	-7.25	17.16	-576.90	-153.73	-1459.35	-17.77	670.44	15.72
5026	-1.23	-7.25	17.16	-1290.07	-791.61	-4610.18	10.86	2358.15	71.00
5027	-2.05	-7.25	17.16	-934.80	-1170.57	-7157.64	-1.67	107.73	-47.22
5028	-2.87	-7.26	17.16	-1352.20	-911.31	-5211.46	-14.51	-1716.80	-71.95
5029	-3.69	-7.26	17.16	-1132.89	-1008.97	-6882.36	66.09	1357.19	342.91
5030	-4.51	-7.26	17.16	-1631.62	-1622.22	-11132.80	239.27	-1079.55	-276.34
5031	-5.33	-7.26	17.16	-5923.84	-2067.17	-7078.46	-761.09	-5585.79	-1244.91
5032	-6.14	-7.26	17.16	-3164.79	-939.90	-1971.39	-346.58	-2059.90	-798.36
5033	-6.96	-7.27	17.16	-2295.12	-726.55	-1161.91	-280.80	-1402.51	-793.97
5034	-7.78	-7.27	17.16	-1539.63	-371.03	-572.96	-38.41	-841.79	-386.42
5035	-8.60	-7.27	17.16	-985.53	-190.85	-317.23	118.56	-494.37	-170.27
5036	-9.42	-7.27	17.16	-606.54	-98.85	-197.91	191.52	-284.94	-51.78
5037	-10.24	-7.27	17.16	-357.10	-59.04	-138.36	211.40	-150.94	19.15
5038	-11.06	-7.27	17.16	-199.93	-51.98	-100.06	198.42	-59.51	65.50
5039	-11.88	-7.28	17.16	-108.87	-66.16	-53.47	164.32	2.15	94.70
5040	-12.70	-7.28	17.16	-65.18	-91.69	45.17	114.11	30.38	103.07
5041	-0.47	-3.95	15.47	-900.81	155.95	-4304.28	-78.60	399.69	495.62
5042	-1.40	-3.95	15.47	-895.63	57.39	-4715.34	-63.44	400.76	608.65
5043	-2.33	-3.95	15.47	-908.01	-38.78	-5150.78	59.61	305.65	652.60
5044	-3.26	-3.96	15.47	-955.31	-78.73	-5585.28	196.46	219.61	515.50
5045	-4.19	-3.96	15.47	-910.08	-193.34	-6247.11	267.97	151.23	273.27
5046	-5.12	-3.96	15.47	-686.14	-481.11	-7230.78	310.72	-288.81	-3.07
5047	-6.05	-3.96	15.47	-461.37	-590.87	-7144.71	269.77	-1725.91	-331.10
5048	-6.98	-3.96	15.47	-304.55	-414.34	-5846.22	155.62	-2706.45	-506.56
5049	-7.91	-3.96	15.47	-1941.41	-451.70	-3871.92	-110.73	-3213.50	-542.74

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
5050	-8.84	-3.96	15.47	-1890.45	-257.07	-1999.22	-147.53	-2287.85	-360.66
5051	-9.78	-3.97	15.47	-1504.27	-135.64	-1134.12	-111.63	-1525.94	-204.94
5052	-10.71	-3.97	15.47	-1096.54	-55.60	-712.15	-64.54	-996.19	-91.33
5053	-11.64	-3.97	15.47	-746.91	-1.82	-493.73	-25.59	-633.78	-10.16
5054	-12.57	-3.97	15.47	-463.38	36.11	-356.26	1.23	-381.42	49.43
5055	-13.50	-3.97	15.47	-237.94	66.29	-217.30	15.56	-201.99	95.67
5056	-14.43	-3.97	15.47	-68.12	96.51	8.28	15.18	-63.20	138.06
5057	-0.45	-5.05	15.47	-1096.85	-213.51	-4278.11	-102.53	552.86	-233.85
5058	-1.36	-5.06	15.47	-841.01	-287.71	-4854.03	-146.34	510.11	-131.75
5059	-2.27	-5.06	15.47	-733.26	-362.54	-5312.47	55.09	269.22	-118.50
5060	-3.18	-5.06	15.47	-896.82	-452.37	-5731.31	230.48	80.87	-163.29
5061	-4.09	-5.07	15.47	-1125.76	-672.73	-6439.75	178.29	-0.67	-174.71
5062	-5.00	-5.07	15.47	-778.94	-708.99	-7077.88	175.40	-567.14	-394.66
5063	-5.91	-5.07	15.47	-459.67	-424.44	-6625.44	208.95	-1773.14	-821.22
5064	-6.82	-5.08	15.47	-289.58	-232.53	-5441.10	48.24	-2540.10	-920.05
5065	-7.73	-5.08	15.47	-1873.97	-399.66	-3694.67	-257.89	-3054.67	-823.92
5066	-8.64	-5.08	15.47	-1808.47	-247.50	-1944.03	-260.04	-2187.13	-524.47
5067	-9.54	-5.09	15.47	-1449.61	-137.76	-1125.03	-184.37	-1477.64	-293.61
5068	-10.45	-5.09	15.47	-1069.14	-60.10	-716.30	-108.56	-978.42	-136.42
5069	-11.36	-5.10	15.47	-738.04	-6.00	-498.83	-50.15	-633.28	-28.64
5070	-12.27	-5.10	15.47	-465.30	32.81	-357.69	-10.38	-391.28	48.01
5071	-13.18	-5.10	15.47	-245.04	63.48	-214.48	11.86	-218.23	105.75
5072	-14.09	-5.11	15.47	-75.53	91.98	10.73	15.10	-83.34	156.86
5073	-0.44	-6.15	15.47	-1273.07	-670.87	-3757.25	-43.45	679.27	-357.96
5074	-1.32	-6.16	15.47	-728.82	-588.70	-4459.78	-70.70	614.42	-250.21
5075	-2.20	-6.16	15.47	-500.36	-536.91	-4948.75	32.80	280.40	-166.12
5076	-3.09	-6.16	15.47	-849.83	-750.89	-5564.78	77.96	97.14	-152.10
5077	-3.97	-6.17	15.47	-1148.12	-935.72	-6233.37	118.36	-228.10	-342.56
5078	-4.85	-6.17	15.47	-639.19	-716.93	-6423.46	369.26	-840.80	-682.40
5079	-5.73	-6.18	15.47	-258.11	-362.18	-6022.29	563.77	-1747.30	-910.97
5080	-6.61	-6.18	15.47	-866.55	-429.27	-4881.59	-2.78	-2601.22	-1141.93
5081	-7.49	-6.18	15.47	-1683.75	-479.62	-3186.87	-403.06	-2644.05	-1089.86
5082	-8.37	-6.19	15.47	-1636.33	-300.64	-1814.48	-358.17	-1980.59	-668.98
5083	-9.26	-6.19	15.47	-1343.39	-169.05	-1092.99	-249.45	-1383.20	-376.93
5084	-10.14	-6.19	15.47	-1014.45	-78.98	-714.74	-150.44	-941.49	-181.74
5085	-11.02	-6.20	15.47	-715.76	-17.54	-503.08	-75.20	-626.00	-49.54
5086	-11.90	-6.20	15.47	-461.68	25.71	-358.97	-23.34	-400.28	43.24
5087	-12.78	-6.21	15.47	-251.14	58.71	-211.14	7.15	-236.33	112.05
5088	-13.66	-6.21	15.47	-84.12	86.47	13.12	14.76	-106.77	172.01
5089	-0.42	-7.25	15.47	-1278.52	-611.65	-3512.16	1.62	691.06	-53.73
5090	-1.27	-7.25	15.47	-691.91	-549.42	-4300.75	31.76	663.95	-65.87
5091	-2.12	-7.25	15.47	-456.25	-524.31	-4950.56	59.32	352.70	-61.92
5092	-2.97	-7.26	15.47	-813.15	-669.48	-5785.41	66.14	139.33	-17.79
5093	-3.82	-7.26	15.47	-893.40	-598.20	-6204.96	235.97	-544.30	-169.63
5094	-4.67	-7.26	15.47	-438.17	-401.99	-5912.66	362.26	-1174.35	-569.27
5095	-5.52	-7.26	15.47	-177.65	-490.90	-5479.40	365.29	-1842.69	-1103.85
5096	-6.37	-7.26	15.47	-1492.00	-781.14	-4229.53	-180.12	-2675.83	-1364.11
5097	-7.21	-7.26	15.47	-1545.74	-526.80	-2575.33	-346.39	-2213.03	-1042.06
5098	-8.06	-7.27	15.47	-1443.98	-356.27	-1616.37	-357.77	-1715.19	-713.01
5099	-8.91	-7.27	15.47	-1208.90	-209.75	-1036.68	-271.82	-1251.93	-423.55
5100	-9.76	-7.27	15.47	-938.10	-106.09	-704.86	-174.62	-885.31	-215.09
5101	-10.61	-7.27	15.47	-680.10	-34.68	-504.87	-93.74	-610.34	-68.15
5102	-11.46	-7.27	15.47	-451.30	15.11	-359.32	-34.71	-406.88	36.98
5103	-12.31	-7.27	15.47	-254.99	51.34	-207.10	2.18	-255.41	115.38
5104	-13.16	-7.28	15.47	-93.30	80.08	15.62	14.81	-132.97	183.17
5105	-0.48	-3.95	13.78	-687.50	-152.11	-3630.49	-10.86	364.21	340.00
5106	-1.44	-3.95	13.78	-638.75	-165.08	-3945.82	46.04	333.83	333.22
5107	-2.40	-3.95	13.78	-562.00	-191.29	-4320.38	119.83	256.67	286.48
5108	-3.35	-3.96	13.78	-441.63	-247.31	-4755.93	198.96	102.13	192.46
5109	-4.31	-3.96	13.78	-252.03	-295.40	-5184.89	261.73	-229.44	35.92
5110	-5.27	-3.96	13.78	-56.08	-253.71	-5311.06	260.34	-837.08	-171.86
5111	-6.23	-3.96	13.78	-102.88	-189.32	-4987.90	177.41	-1470.12	-349.65
5112	-7.19	-3.96	13.78	-467.74	-178.59	-4292.97	47.31	-1914.56	-430.00
5113	-8.15	-3.96	13.78	-586.55	-110.45	-3398.69	-32.95	-2057.47	-411.91
5114	-9.10	-3.96	13.78	-911.17	-77.52	-2514.63	-103.54	-1998.79	-346.06
5115	-10.06	-3.97	13.78	-960.59	-19.79	-1758.13	-119.76	-1661.86	-242.19
5116	-11.02	-3.97	13.78	-847.22	30.95	-1260.97	-104.36	-1292.59	-141.91
5117	-11.98	-3.97	13.78	-663.22	73.13	-940.23	-76.98	-968.73	-56.58
5118	-12.94	-3.97	13.78	-461.34	109.32	-712.16	-48.94	-700.45	14.81
5119	-13.89	-3.97	13.78	-269.59	142.38	-510.40	-25.80	-469.81	78.82
5120	-14.85	-3.97	13.78	-101.34	174.86	-292.33	-9.28	-238.59	146.59
5121	-0.47	-5.05	13.78	-645.57	-88.42	-3839.18	12.87	352.37	93.14
5122	-1.41	-5.06	13.78	-596.67	-93.86	-4141.26	70.85	301.18	68.23
5123	-2.34	-5.06	13.78	-520.40	-117.79	-4506.81	106.93	201.01	30.35
5124	-3.28	-5.06	13.78	-387.67	-157.80	-4916.12	154.44	4.98	-31.75
5125	-4.22	-5.07	13.78	-175.87	-146.96	-5216.50	245.98	-402.94	-184.61
5126	-5.15	-5.07	13.78	-84.14	-130.00	-5190.63	264.61	-986.71	-399.30
5127	-6.09	-5.07	13.78	-197.91	-170.31	-4790.45	145.87	-1525.07	-541.32
5128	-7.03	-5.08	13.78	-528.04	-175.02	-4084.99	14.37	-1876.69	-595.04
5129	-7.96	-5.08	13.78	-583.80	-92.97	-3244.80	-75.04	-1964.12	-558.34
5130	-8.90	-5.08	13.78	-870.03	-71.82	-2435.41	-152.46	-1909.63	-463.38
5131	-9.84	-5.09	13.78	-911.36	-21.72	-1728.63	-164.95	-1602.13	-325.77
5132	-10.77	-5.09	13.78	-806.98	26.51	-1253.93	-140.77	-1261.72	-196.33
5133	-11.71	-5.09	13.78	-636.72	68.99	-940.20	-103.97	-959.21	-88.00
5134	-12.65	-5.10	13.78	-447.78	106.42	-712.45	-67.66	-705.35	1.79
5135	-13.58	-5.10	13.78	-266.08	140.62	-510.53	-38.29	-484.49	81.97
5136	-14.52	-5.10	13.78	-104.42	173.21	-296.77	-17.18	-261.78	165.99
5137	-0.46	-6.15	13.78	-596.47	-130.21	-3871.90	23.70	322.58	-117.56
5138	-1.37	-6.16	13.78	-565.46	-150.14	-4153.32	67.46	262.34	-146.04
5139	-2.28	-6.16	13.78	-494.96	-181.45	-4529.36	109.55	163.21	-186.70
5140	-3.19	-6.16	13.78	-307.08	-162.72	-4906.21	186.58	-92.17	-271.33
5141	-4.10	-6.17	13.78	-115.90	-120.67	-5089.69	260.61	-553.38	-434.10
5142	-5.01	-6.17	13.78	-155.43	-141.75	-4951.04	193.81	-1088.52	-614.91
5143	-5.92	-6.17	13.78	-313.82	-189.42	-4485.38	28.93	-1520.47	-718.14
5144	-6.83	-6.18	13.78	-456.18	-142.46	-3815.84	-7.47	-1775.94	-722.85
5145	-7.74	-6.18	13.78	-622.55	-105.65	-3060.90	-101.54	-1881.26	-672.94
5146	-8.65	-6.18	13.78	-818.48	-85.78	-2305.71	-194.15	-1785.92	-566.93
5147	-9.56	-6.19	13.78	-844.35	-37.33	-1677.58	-204.56	-1517.13	-402.32
5148	-10.47	-6.19	13.78	-751.49	13.52	-1238.75	-174.07	-1216.36	-249.10

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
5149	-11.38	-6.20	13.78	-599.65	59.63	-937.91	-129.96	-943.01	-120.78
5150	-12.29	-6.20	13.78	-428.05	100.28	-712.79	-86.83	-708.48	-14.09
5151	-13.20	-6.20	13.78	-259.88	136.78	-511.95	-51.69	-500.41	81.33
5152	-14.11	-6.21	13.78	-107.11	170.42	-303.78	-26.20	-289.04	180.79
5153	-0.44	-7.25	13.78	-554.53	-177.55	-3849.63	44.00	292.03	-213.85
5154	-1.32	-7.25	13.78	-519.09	-171.39	-4118.89	85.04	221.50	-248.00
5155	-2.20	-7.25	13.78	-426.36	-163.82	-4478.92	132.84	98.77	-308.90
5156	-3.07	-7.26	13.78	-206.46	-120.68	-4765.18	204.55	-226.87	-442.17
5157	-3.95	-7.26	13.78	-100.47	-125.53	-4825.40	218.26	-685.05	-624.55
5158	-4.83	-7.26	13.78	-220.40	-161.59	-4599.40	165.97	-1145.27	-783.45
5159	-5.71	-7.26	13.78	-388.74	-140.41	-4113.28	36.09	-1469.30	-837.20
5160	-6.59	-7.26	13.78	-368.90	-92.11	-3514.93	-30.57	-1656.85	-826.54
5161	-7.47	-7.26	13.78	-648.01	-141.17	-2846.23	-161.25	-1782.16	-780.28
5162	-8.34	-7.27	13.78	-763.95	-109.04	-2148.04	-223.90	-1646.87	-632.45
5163	-9.22	-7.27	13.78	-767.33	-59.39	-1606.23	-230.15	-1413.82	-458.82
5164	-10.10	-7.27	13.78	-684.55	-4.74	-1213.66	-198.09	-1157.74	-293.63
5165	-10.98	-7.27	13.78	-552.96	46.10	-931.68	-151.27	-919.08	-152.02
5166	-11.86	-7.27	13.78	-401.72	90.97	-712.44	-104.45	-708.23	-31.71
5167	-12.73	-7.27	13.78	-250.11	130.23	-514.72	-65.36	-516.36	77.18
5168	-13.61	-7.28	13.78	-108.85	166.25	-313.95	-35.85	-318.80	190.44
5169	-0.49	-3.95	12.09	-449.10	-145.41	-3313.61	16.91	270.23	80.23
5170	-1.48	-3.95	12.09	-380.13	-150.13	-3560.63	58.25	177.83	54.36
5171	-2.46	-3.95	12.09	-277.47	-153.44	-3830.41	97.84	33.39	4.04
5172	-3.45	-3.95	12.09	-150.32	-146.50	-4078.46	128.60	-200.20	-73.48
5173	-4.43	-3.96	12.09	-41.84	-124.74	-4212.72	136.67	-538.42	-170.62
5174	-5.42	-3.96	12.09	-23.19	-106.81	-4166.83	113.39	-919.91	-262.97
5175	-6.41	-3.96	12.09	-90.88	-88.67	-3928.00	65.32	-1273.08	-327.41
5176	-7.39	-3.96	12.09	-196.29	-52.20	-3511.59	9.65	-1546.43	-356.17
5177	-8.38	-3.96	12.09	-387.89	-23.58	-2990.13	-49.02	-1677.04	-344.01
5178	-9.36	-3.96	12.09	-495.31	13.39	-2452.38	-83.70	-1650.36	-295.10
5179	-10.35	-3.96	12.09	-570.90	43.60	-1974.70	-100.37	-1524.98	-228.17
5180	-11.33	-3.97	12.09	-564.76	74.14	-1581.07	-98.04	-1323.26	-153.14
5181	-12.32	-3.97	12.09	-493.87	102.58	-1282.58	-83.51	-1095.75	-79.36
5182	-13.30	-3.97	12.09	-385.64	128.69	-1056.87	-63.42	-865.17	-9.32
5183	-14.29	-3.97	12.09	-260.85	152.87	-881.23	-41.49	-630.24	59.27
5184	-15.28	-3.97	12.09	-127.43	176.17	-749.99	-17.76	-376.08	130.96
5185	-0.48	-5.05	12.09	-407.90	-63.19	-3431.76	25.18	252.80	-46.80
5186	-1.45	-5.05	12.09	-338.36	-67.57	-3668.47	62.47	139.14	-75.60
5187	-2.41	-5.06	12.09	-237.70	-69.58	-3908.05	104.06	-29.41	-128.74
5188	-3.38	-5.06	12.09	-125.08	-63.76	-4096.50	137.93	-283.47	-214.06
5189	-4.34	-5.06	12.09	-54.19	-62.14	-4164.67	135.65	-609.35	-313.18
5190	-5.31	-5.07	12.09	-48.40	-59.67	-4070.34	98.55	-956.88	-395.62
5191	-6.27	-5.07	12.09	-112.85	-41.17	-3806.59	49.98	-1273.52	-452.54
5192	-7.23	-5.07	12.09	-210.20	-22.04	-3391.33	-12.01	-1513.20	-470.80
5193	-8.20	-5.08	12.09	-386.58	-11.96	-2890.90	-72.80	-1621.68	-443.59
5194	-9.16	-5.08	12.09	-474.80	17.34	-2384.02	-109.85	-1588.93	-379.22
5195	-10.13	-5.08	12.09	-539.10	42.30	-1936.11	-127.52	-1473.20	-295.71
5196	-11.09	-5.09	12.09	-532.69	70.36	-1562.90	-123.79	-1288.49	-203.25
5197	-12.06	-5.09	12.09	-468.50	98.39	-1275.33	-106.13	-1077.82	-112.36
5198	-13.02	-5.09	12.09	-369.57	125.26	-1055.19	-82.14	-861.38	-25.74
5199	-13.99	-5.10	12.09	-254.00	150.93	-883.72	-56.05	-638.61	59.43
5200	-14.95	-5.10	12.09	-128.98	176.09	-757.30	-27.59	-396.83	148.03
5201	-0.47	-6.15	12.09	-362.79	-15.32	-3477.38	36.12	227.31	-191.79
5202	-1.41	-6.16	12.09	-292.22	-14.37	-3700.87	72.36	95.77	-229.57
5203	-2.35	-6.16	12.09	-192.11	-8.35	-3902.98	107.61	-96.79	-291.70
5204	-3.29	-6.16	12.09	-105.35	-8.93	-4031.39	125.61	-359.78	-376.55
5205	-4.22	-6.17	12.09	-63.99	-17.61	-4043.24	111.33	-663.01	-462.21
5206	-5.16	-6.17	12.09	-61.62	-19.17	-3912.52	81.10	-977.07	-532.69
5207	-6.10	-6.17	12.09	-122.69	-13.30	-3632.93	37.13	-1261.11	-581.61
5208	-7.04	-6.18	12.09	-239.96	-18.17	-3228.31	-46.39	-1461.62	-585.50
5209	-7.98	-6.18	12.09	-362.83	-8.38	-2761.79	-102.35	-1540.67	-536.48
5210	-8.92	-6.18	12.09	-448.75	12.28	-2300.91	-135.91	-1515.47	-455.52
5211	-9.86	-6.19	12.09	-499.97	34.70	-1885.86	-153.18	-1409.12	-358.39
5212	-10.80	-6.19	12.09	-493.07	61.93	-1539.11	-147.98	-1244.47	-251.14
5213	-11.73	-6.19	12.09	-436.77	90.77	-1266.63	-127.91	-1054.24	-145.33
5214	-12.67	-6.20	12.09	-349.03	119.28	-1054.75	-100.85	-855.21	-43.81
5215	-13.61	-6.20	12.09	-244.67	147.08	-889.34	-71.18	-647.49	56.33
5216	-14.55	-6.20	12.09	-129.87	174.91	-768.74	-38.75	-421.44	160.05
5217	-0.45	-7.25	12.09	-309.24	25.70	-3457.87	44.59	190.67	-345.42
5218	-1.36	-7.25	12.09	-241.09	23.88	-3656.79	77.34	41.51	-392.13
5219	-2.27	-7.25	12.09	-151.56	25.00	-3811.42	104.78	-166.57	-460.85
5220	-3.18	-7.26	12.09	-94.25	16.38	-3886.14	108.83	-420.44	-539.23
5221	-4.08	-7.26	12.09	-67.87	8.63	-3854.54	90.57	-697.03	-612.35
5222	-4.99	-7.26	12.09	-71.44	-0.64	-3700.94	45.49	-976.60	-665.31
5223	-5.90	-7.26	12.09	-129.45	-18.19	-3415.54	-7.31	-1228.08	-692.91
5224	-6.81	-7.26	12.09	-259.00	-29.19	-3031.06	-78.52	-1388.01	-674.67
5225	-7.72	-7.26	12.09	-329.95	-9.93	-2609.96	-124.00	-1442.81	-610.19
5226	-8.62	-7.26	12.09	-413.66	0.64	-2202.06	-161.01	-1428.41	-521.91
5227	-9.53	-7.27	12.09	-454.35	21.97	-1824.92	-175.31	-1334.37	-411.69
5228	-10.44	-7.27	12.09	-447.15	49.43	-1508.89	-168.70	-1191.54	-293.67
5229	-11.35	-7.27	12.09	-399.29	79.71	-1255.65	-147.39	-1024.26	-176.45
5230	-12.25	-7.27	12.09	-323.90	110.48	-1055.27	-118.53	-845.40	-62.67
5231	-13.16	-7.27	12.09	-232.39	140.87	-898.16	-86.48	-655.69	50.11
5232	-14.07	-7.27	12.09	-129.65	172.22	-784.89	-51.02	-447.98	166.62
5233	-0.51	-3.95	10.41	-297.65	-102.20	-3017.52	11.85	156.80	-109.32
5234	-1.52	-3.95	10.41	-227.22	-99.91	-3199.07	33.98	16.94	-133.19
5235	-2.53	-3.95	10.41	-147.53	-92.75	-3364.42	51.18	-164.52	-170.13
5236	-3.54	-3.95	10.41	-76.04	-81.05	-3480.50	58.08	-392.24	-216.17
5237	-4.56	-3.96	10.41	-35.23	-67.14	-3515.89	51.05	-652.22	-262.91
5238	-5.57	-3.96	10.41	-34.75	-48.92	-3448.54	30.82	-920.43	-301.31
5239	-6.58	-3.96	10.41	-80.00	-27.15	-3269.86	1.30	-1164.98	-323.83
5240	-7.60	-3.96	10.41	-168.91	-7.61	-2999.99	-32.22	-1345.56	-323.91
5241	-8.61	-3.96	10.41	-259.43	13.82	-2674.13	-60.35	-1444.57	-301.66
5242	-9.62	-3.96	10.41	-349.61	33.04	-2334.21	-81.04	-1458.03	-261.28
5243	-10.63	-3.96	10.41	-400.82	52.70	-2015.44	-89.64	-1392.50	-207.72
5244	-11.65	-3.96	10.41	-414.88	70.66	-1743.01	-87.87	-1271.25	-147.58
5245	-12.66	-3.97	10.41	-390.05	87.64	-1524.84	-77.71	-1109.86	-84.81
5246	-13.67	-3.97	10.41	-333.21	103.63	-1363.23	-61.57	-921.09	-21.72
5247	-14.68	-3.97	10.41	-251.80	118.88	-1258.71	-40.87	-710.26	40.99

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
5248	-15.70	-3.97	10.41	-148.58	134.24	-1217.06	-15.48	-479.24	102.96
5249	-0.50	-5.05	10.41	-266.08	-38.40	-3050.28	16.28	135.78	-195.50
5250	-1.49	-5.05	10.41	-199.39	-36.14	-3216.55	38.85	-14.68	-225.19
5251	-2.48	-5.06	10.41	-128.83	-32.20	-3355.87	54.40	-202.58	-267.42
5252	-3.47	-5.06	10.41	-70.36	-27.94	-3441.65	57.37	-426.57	-315.73
5253	-4.47	-5.06	10.41	-38.04	-21.53	-3448.95	47.22	-674.79	-362.10
5254	-5.46	-5.07	10.41	-44.42	-13.17	-3360.48	24.77	-925.10	-399.51
5255	-6.45	-5.07	10.41	-90.46	-5.17	-3173.13	-9.57	-1147.28	-417.95
5256	-7.44	-5.07	10.41	-172.32	5.03	-2908.94	-46.57	-1308.40	-411.24
5257	-8.44	-5.08	10.41	-252.06	19.60	-2598.89	-78.20	-1396.46	-380.37
5258	-9.43	-5.08	10.41	-333.18	32.95	-2278.65	-100.73	-1408.07	-329.49
5259	-10.42	-5.08	10.41	-378.77	49.52	-1978.59	-110.15	-1347.86	-264.19
5260	-11.41	-5.09	10.41	-391.79	66.22	-1721.28	-108.16	-1236.66	-191.33
5261	-12.41	-5.09	10.41	-370.24	83.30	-1513.84	-96.63	-1087.43	-115.05
5262	-13.40	-5.09	10.41	-319.39	100.44	-1359.37	-78.07	-911.21	-37.89
5263	-14.39	-5.09	10.41	-245.23	117.74	-1259.49	-53.96	-713.18	39.21
5264	-15.38	-5.10	10.41	-150.14	135.85	-1220.22	-24.06	-495.50	115.37
5265	-0.48	-6.15	10.41	-231.06	9.34	-3043.16	20.06	108.91	-308.44
5266	-1.45	-6.15	10.41	-169.41	10.36	-3190.58	39.11	-50.02	-342.10
5267	-2.42	-6.16	10.41	-110.34	9.71	-3302.89	50.29	-239.91	-385.04
5268	-3.39	-6.16	10.41	-63.56	8.66	-3360.04	49.50	-456.38	-431.11
5269	-4.35	-6.16	10.41	-40.31	8.12	-3342.24	35.99	-690.22	-473.82
5270	-5.32	-6.17	10.41	-53.54	7.02	-3237.37	7.90	-918.99	-503.86
5271	-6.29	-6.17	10.41	-99.61	6.54	-3049.25	-30.33	-1115.75	-510.93
5272	-7.25	-6.17	10.41	-167.57	11.67	-2797.28	-64.58	-1259.09	-494.02
5273	-8.22	-6.18	10.41	-243.50	18.53	-2508.17	-98.17	-1337.67	-454.21
5274	-9.19	-6.18	10.41	-310.73	28.75	-2211.91	-121.06	-1346.51	-392.73
5275	-10.16	-6.18	10.41	-351.89	42.88	-1935.78	-130.08	-1294.31	-316.36
5276	-11.12	-6.19	10.41	-364.16	59.00	-1696.80	-127.51	-1194.97	-232.28
5277	-12.09	-6.19	10.41	-346.44	76.74	-1502.88	-114.79	-1060.05	-144.21
5278	-13.06	-6.19	10.41	-302.49	95.54	-1357.63	-94.31	-898.82	-54.83
5279	-14.03	-6.20	10.41	-236.81	115.33	-1263.79	-67.47	-716.17	34.66
5280	-14.99	-6.20	10.41	-151.27	136.74	-1227.15	-34.05	-514.97	122.96
5281	-0.47	-7.25	10.41	-194.31	38.61	-2982.42	22.74	76.67	-434.16
5282	-1.41	-7.25	10.41	-139.52	38.58	-3109.05	35.87	-85.94	-469.85
5283	-2.34	-7.25	10.41	-91.99	34.77	-3196.29	40.17	-272.35	-510.20
5284	-3.28	-7.26	10.41	-55.26	29.54	-3228.26	34.01	-478.13	-550.39
5285	-4.22	-7.26	10.41	-41.75	22.03	-3190.94	15.01	-693.64	-583.21
5286	-5.15	-7.26	10.41	-59.00	15.01	-3077.14	-13.49	-898.51	-601.58
5287	-6.09	-7.26	10.41	-103.24	11.17	-2896.90	-50.87	-1069.58	-597.38
5288	-7.03	-7.26	10.41	-158.06	10.26	-2664.70	-86.30	-1196.81	-569.55
5289	-7.97	-7.26	10.41	-229.68	10.53	-2401.98	-119.40	-1266.75	-518.57
5290	-8.90	-7.26	10.41	-283.49	20.07	-2134.63	-139.62	-1274.37	-446.74
5291	-9.84	-7.27	10.41	-320.33	32.70	-1886.43	-148.26	-1231.77	-362.01
5292	-10.78	-7.27	10.41	-332.43	48.89	-1669.16	-145.04	-1146.05	-268.87
5293	-11.72	-7.27	10.41	-318.92	67.74	-1491.57	-131.51	-1027.20	-171.41
5294	-12.65	-7.27	10.41	-282.46	88.68	-1357.82	-109.72	-883.04	-72.18
5295	-13.59	-7.27	10.41	-226.24	111.38	-1271.40	-81.09	-718.27	27.17
5296	-14.53	-7.27	10.41	-151.53	136.46	-1238.08	-45.40	-535.81	125.26
5297	-0.52	-3.95	8.72	-231.58	-68.93	-2694.78	-1.03	52.12	-217.32
5298	-1.56	-3.95	8.72	-174.43	-65.86	-2824.62	7.20	-105.13	-235.47
5299	-2.60	-3.95	8.72	-121.78	-60.11	-2927.81	10.94	-285.65	-257.55
5300	-3.64	-3.95	8.72	-83.07	-52.05	-2988.62	8.43	-486.32	-280.41
5301	-4.68	-3.96	8.72	-66.60	-41.77	-2992.44	-0.82	-697.62	-299.99
5302	-5.72	-3.96	8.72	-78.73	-30.37	-2930.48	-15.92	-903.22	-311.91
5303	-6.76	-3.96	8.72	-118.80	-18.92	-2805.35	-34.56	-1082.52	-312.29
5304	-7.80	-3.96	8.72	-176.73	-7.01	-2629.15	-53.10	-1219.24	-299.48
5305	-8.84	-3.96	8.72	-243.96	4.01	-2422.35	-68.67	-1300.73	-273.53
5306	-9.88	-3.96	8.72	-302.04	14.70	-2208.14	-78.14	-1323.15	-236.26
5307	-10.92	-3.96	8.72	-343.69	24.45	-2008.17	-80.89	-1290.27	-190.73
5308	-11.96	-3.96	8.72	-359.57	33.83	-1838.40	-76.65	-1208.68	-139.79
5309	-13.00	-3.96	8.72	-348.62	42.84	-1709.87	-66.36	-1087.57	-86.14
5310	-14.04	-3.97	8.72	-311.64	51.85	-1629.03	-50.97	-934.39	-31.83
5311	-15.08	-3.97	8.72	-250.60	61.28	-1601.07	-31.27	-756.05	21.22
5312	-16.12	-3.97	8.72	-167.09	71.74	-1631.25	-7.60	-560.35	70.96
5313	-0.51	-5.05	8.72	-212.63	-33.19	-2673.61	-1.34	34.85	-290.25
5314	-1.53	-5.05	8.72	-160.08	-31.51	-2792.49	6.47	-123.83	-312.03
5315	-2.55	-5.06	8.72	-113.56	-28.97	-2881.63	9.17	-302.22	-336.84
5316	-3.57	-5.06	8.72	-80.79	-25.36	-2927.76	5.17	-496.68	-361.50
5317	-4.59	-5.06	8.72	-69.39	-21.04	-2919.43	-6.27	-697.49	-381.68
5318	-5.61	-5.07	8.72	-83.15	-16.07	-2851.16	-24.25	-889.65	-392.23
5319	-6.63	-5.07	8.72	-121.20	-10.13	-2726.95	-45.40	-1055.83	-389.54
5320	-7.65	-5.07	8.72	-174.43	-3.45	-2558.02	-66.37	-1182.18	-372.07
5321	-8.67	-5.07	8.72	-235.80	3.54	-2363.12	-83.82	-1257.57	-339.80
5322	-9.69	-5.08	8.72	-288.41	11.84	-2162.90	-94.73	-1279.02	-294.69
5323	-10.71	-5.08	8.72	-326.76	20.39	-1976.39	-98.04	-1249.84	-239.94
5324	-11.73	-5.08	8.72	-342.15	29.79	-1817.88	-93.43	-1175.35	-178.69
5325	-12.75	-5.09	8.72	-333.37	39.76	-1697.70	-81.83	-1063.61	-113.92
5326	-13.77	-5.09	8.72	-300.75	50.46	-1622.23	-64.20	-921.33	-47.99
5327	-14.79	-5.09	8.72	-245.70	62.16	-1596.67	-41.29	-754.95	16.78
5328	-15.81	-5.10	8.72	-169.40	75.30	-1626.19	-13.51	-571.63	77.74
5329	-0.50	-6.15	8.72	-191.63	-6.35	-2629.25	-2.53	13.94	-377.43
5330	-1.49	-6.15	8.72	-144.61	-6.11	-2735.84	3.12	-144.01	-401.37
5331	-2.49	-6.16	8.72	-104.49	-6.28	-2810.60	3.31	-318.04	-426.63
5332	-3.49	-6.16	8.72	-78.12	-6.80	-2842.78	-3.36	-503.96	-449.93
5333	-4.48	-6.16	8.72	-71.47	-7.44	-2824.30	-17.35	-691.89	-466.67
5334	-5.48	-6.17	8.72	-86.38	-7.49	-2752.69	-36.93	-868.98	-472.50
5335	-6.47	-6.17	8.72	-121.54	-6.38	-2632.31	-59.20	-1021.23	-464.54
5336	-7.47	-6.17	8.72	-170.70	-4.28	-2474.23	-81.93	-1136.17	-440.52
5337	-8.47	-6.18	8.72	-224.23	0.04	-2294.77	-99.70	-1205.38	-400.76
5338	-9.46	-6.18	8.72	-272.11	6.30	-2111.76	-111.00	-1226.70	-347.92
5339	-10.46	-6.18	8.72	-306.61	14.32	-1941.30	-114.32	-1201.86	-284.79
5340	-11.45	-6.19	8.72	-321.65	24.12	-1796.44	-109.20	-1135.88	-214.51
5341	-12.45	-6.19	8.72	-315.39	35.43	-1686.41	-96.49	-1035.18	-140.23
5342	-13.44	-6.19	8.72	-287.76	48.18	-1617.54	-77.11	-905.80	-64.53
5343	-14.44	-6.19	8.72	-239.58	62.46	-1594.97	-51.80	-753.64	10.00
5344	-15.44	-6.20	8.72	-171.67	78.60	-1623.46	-20.92	-585.37	80.30
5345	-0.48	-7.25	8.72	-170.10	7.58	-2552.83	-4.94	-9.66	-470.43
5346	-1.45	-7.25	8.72	-129.07	6.21	-2646.75	-2.82	-163.92	-494.81

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
5347	-2.42	-7.25	8.72	-95.41	3.65	-2708.09	-5.96	-330.73	-518.23
5348	-3.38	-7.25	8.72	-75.35	-0.12	-2728.99	-15.66	-505.26	-537.37
5349	-4.35	-7.26	8.72	-72.44	-4.09	-2704.16	-31.57	-678.40	-548.43
5350	-5.32	-7.26	8.72	-88.02	-7.79	-2633.53	-52.74	-839.32	-547.42
5351	-6.28	-7.26	8.72	-119.75	-10.24	-2521.13	-75.59	-977.19	-531.92
5352	-7.25	-7.26	8.72	-164.12	-10.34	-2377.78	-97.77	-1080.65	-500.46
5353	-8.22	-7.26	8.72	-209.78	-7.24	-2217.37	-115.02	-1144.27	-453.75
5354	-9.18	-7.26	8.72	-252.87	-2.18	-2054.54	-126.15	-1166.11	-393.99
5355	-10.15	-7.26	8.72	-283.64	6.07	-1902.74	-128.94	-1146.58	-323.70
5356	-11.12	-7.27	8.72	-298.41	16.74	-1773.74	-123.38	-1090.27	-246.30
5357	-12.08	-7.27	8.72	-294.87	29.67	-1675.64	-109.92	-1002.06	-164.61
5358	-13.05	-7.27	8.72	-272.62	44.81	-1614.58	-89.35	-887.27	-81.32
5359	-14.02	-7.27	8.72	-232.05	61.95	-1595.53	-62.55	-751.36	0.63
5360	-14.98	-7.27	8.72	-173.48	81.16	-1623.02	-29.83	-600.02	78.27
5361	-0.53	-3.95	7.03	-220.50	-58.87	-2362.70	-14.85	-31.02	-266.02
5362	-1.60	-3.95	7.03	-175.72	-57.64	-2460.93	-14.00	-186.15	-278.28
5363	-2.67	-3.95	7.03	-140.91	-55.12	-2533.26	-16.01	-353.72	-290.26
5364	-3.73	-3.95	7.03	-120.68	-51.52	-2571.66	-21.42	-529.53	-300.14
5365	-4.80	-3.96	7.03	-118.99	-47.30	-2570.14	-30.07	-705.64	-305.69
5366	-5.87	-3.96	7.03	-136.96	-42.86	-2527.15	-41.02	-871.25	-304.76
5367	-6.94	-3.96	7.03	-172.16	-38.49	-2446.47	-52.63	-1015.00	-295.82
5368	-8.00	-3.96	7.03	-219.30	-34.66	-2337.65	-63.06	-1126.24	-278.16
5369	-9.07	-3.96	7.03	-269.31	-31.26	-2214.19	-70.40	-1197.89	-252.10
5370	-10.14	-3.96	7.03	-314.21	-28.39	-2091.41	-73.44	-1226.51	-218.73
5371	-11.20	-3.96	7.03	-345.24	-25.66	-1983.84	-71.34	-1212.15	-179.59
5372	-12.27	-3.96	7.03	-357.25	-22.80	-1903.66	-64.12	-1157.54	-136.46
5373	-13.34	-3.96	7.03	-346.87	-19.33	-1859.62	-52.19	-1066.48	-91.06
5374	-14.41	-3.97	7.03	-313.54	-14.77	-1857.33	-36.34	-943.81	-45.19
5375	-15.47	-3.97	7.03	-258.46	-8.62	-1899.37	-17.55	-795.50	-0.84
5376	-16.54	-3.97	7.03	-184.75	-0.61	-1985.83	3.16	-630.01	39.58
5377	-0.52	-5.05	7.03	-210.64	-44.23	-2319.01	-19.06	-43.39	-332.23
5378	-1.57	-5.05	7.03	-169.33	-44.03	-2410.57	-18.61	-195.75	-347.02
5379	-2.62	-5.06	7.03	-138.16	-43.44	-2475.71	-21.48	-358.64	-360.89
5380	-3.67	-5.06	7.03	-121.07	-42.55	-2507.93	-28.16	-527.57	-371.78
5381	-4.72	-5.06	7.03	-120.99	-41.40	-2502.81	-38.40	-695.06	-377.26
5382	-5.76	-5.06	7.03	-138.73	-40.05	-2459.88	-51.01	-851.44	-375.12
5383	-6.81	-5.07	7.03	-171.72	-38.54	-2383.26	-64.34	-986.61	-363.70
5384	-7.86	-5.07	7.03	-215.22	-36.85	-2282.06	-76.27	-1091.25	-342.21
5385	-8.91	-5.07	7.03	-261.08	-34.77	-2168.49	-84.74	-1159.23	-310.99
5386	-9.96	-5.08	7.03	-302.41	-32.35	-2056.28	-88.30	-1187.40	-271.22
5387	-11.01	-5.08	7.03	-331.25	-29.18	-1958.49	-86.04	-1175.62	-224.56
5388	-12.05	-5.08	7.03	-343.02	-25.18	-1886.13	-77.88	-1126.19	-172.94
5389	-13.10	-5.08	7.03	-334.49	-20.00	-1847.25	-64.20	-1042.45	-118.34
5390	-14.15	-5.09	7.03	-304.95	-13.38	-1847.13	-45.86	-928.82	-62.86
5391	-15.20	-5.09	7.03	-255.29	-5.06	-1888.30	-23.87	-790.88	-8.88
5392	-16.25	-5.09	7.03	-188.09	5.10	-1971.25	0.48	-636.41	40.59
5393	-0.51	-6.15	7.03	-199.52	-34.73	-2261.67	-23.79	-58.08	-403.46
5394	-1.54	-6.15	7.03	-162.22	-35.60	-2345.83	-24.65	-206.18	-419.71
5395	-2.56	-6.16	7.03	-135.09	-36.83	-2403.69	-29.01	-362.75	-433.88
5396	-3.59	-6.16	7.03	-121.22	-38.27	-2430.30	-37.22	-523.13	-443.89
5397	-4.61	-6.16	7.03	-122.71	-39.72	-2422.77	-48.84	-680.52	-447.45
5398	-5.63	-6.17	7.03	-139.90	-40.94	-2381.52	-62.73	-826.39	-442.39
5399	-6.66	-6.17	7.03	-170.41	-41.64	-2311.02	-77.09	-951.94	-427.07
5400	-7.68	-6.17	7.03	-209.60	-41.42	-2219.55	-89.57	-1049.46	-400.97
5401	-8.71	-6.17	7.03	-251.20	-40.20	-2117.98	-98.50	-1113.55	-364.46
5402	-9.73	-6.18	7.03	-288.41	-37.70	-2018.31	-102.07	-1141.37	-318.62
5403	-10.76	-6.18	7.03	-315.02	-33.77	-1932.03	-99.45	-1132.78	-265.25
5404	-11.78	-6.18	7.03	-326.54	-28.29	-1868.84	-90.44	-1089.45	-206.34
5405	-12.81	-6.19	7.03	-320.12	-21.10	-1836.03	-75.39	-1014.33	-143.99
5406	-13.83	-6.19	7.03	-294.91	-12.15	-1838.46	-55.17	-911.39	-80.55
5407	-14.86	-6.19	7.03	-251.44	-1.43	-1878.63	-30.88	-785.72	-18.68
5408	-15.88	-6.19	7.03	-191.82	11.01	-1957.26	-3.78	-644.51	38.22
5409	-0.50	-7.25	7.03	-187.99	-33.09	-2186.32	-29.03	-74.47	-474.90
5410	-1.49	-7.25	7.03	-155.06	-34.86	-2262.96	-31.82	-216.33	-491.47
5411	-2.49	-7.25	7.03	-132.07	-37.47	-2314.32	-38.06	-364.64	-504.52
5412	-3.49	-7.25	7.03	-121.19	-40.54	-2336.82	-47.83	-514.82	-512.18
5413	-4.48	-7.26	7.03	-123.96	-43.73	-2328.91	-60.66	-660.76	-512.31
5414	-5.48	-7.26	7.03	-140.15	-46.48	-2291.69	-75.15	-795.18	-503.11
5415	-6.48	-7.26	7.03	-167.81	-48.32	-2229.76	-89.75	-910.54	-483.24
5416	-7.47	-7.26	7.03	-202.45	-48.84	-2150.33	-102.24	-1000.72	-452.30
5417	-8.47	-7.26	7.03	-239.54	-47.71	-2062.85	-110.95	-1060.90	-410.67
5418	-9.46	-7.26	7.03	-272.52	-44.48	-1977.56	-114.13	-1088.69	-359.53
5419	-10.46	-7.26	7.03	-296.85	-39.35	-1904.29	-111.08	-1083.88	-300.68
5420	-11.46	-7.26	7.03	-308.16	-32.11	-1851.42	-101.44	-1047.51	-236.04
5421	-12.45	-7.27	7.03	-303.98	-22.75	-1825.48	-85.48	-982.10	-167.73
5422	-13.45	-7.27	7.03	-283.42	-11.30	-1830.82	-64.04	-891.22	-98.19
5423	-14.45	-7.27	7.03	-246.78	2.02	-1869.81	-38.37	-779.50	-30.40
5424	-15.44	-7.27	7.03	-195.56	16.61	-1943.73	-9.70	-653.19	32.20
5425	-0.55	-3.95	5.34	-230.34	-66.15	-2044.53	-25.82	-93.66	-279.39
5426	-1.64	-3.95	5.34	-195.41	-67.15	-2123.98	-28.31	-237.40	-287.48
5427	-2.74	-3.95	5.34	-172.91	-67.99	-2181.39	-32.57	-387.88	-293.53
5428	-3.83	-3.95	5.34	-164.97	-68.84	-2213.08	-38.59	-540.92	-296.54
5429	-4.92	-3.95	5.34	-172.69	-69.93	-2217.28	-45.96	-690.56	-295.40
5430	-6.02	-3.96	5.34	-195.54	-71.48	-2195.13	-53.87	-829.67	-289.16
5431	-7.11	-3.96	5.34	-230.84	-73.70	-2151.26	-61.23	-950.87	-277.19
5432	-8.21	-3.96	5.34	-273.70	-76.61	-2093.64	-66.82	-1047.77	-259.33
5433	-9.30	-3.96	5.34	-317.95	-80.14	-2032.74	-69.50	-1115.59	-235.92
5434	-10.40	-3.96	5.34	-356.39	-83.99	-1980.27	-68.35	-1151.59	-207.65
5435	-11.49	-3.96	5.34	-382.40	-87.70	-1947.77	-62.84	-1154.69	-175.41
5436	-12.59	-3.96	5.34	-390.07	-90.64	-1945.11	-52.85	-1124.79	-140.09
5437	-13.68	-3.96	5.34	-375.65	-92.06	-1979.12	-38.78	-1062.28	-102.60
5438	-14.77	-3.96	5.34	-337.94	-91.20	-2052.17	-21.60	-968.01	-63.95
5439	-15.87	-3.97	5.34	-279.65	-87.47	-2161.53	-2.93	-844.67	-25.57
5440	-16.96	-3.97	5.34	-206.46	-80.59	-2298.43	15.45	-697.76	10.53
5441	-0.54	-5.05	5.34	-226.24	-64.45	-1995.95	-32.89	-102.01	-340.75
5442	-1.61	-5.05	5.34	-193.92	-66.13	-2071.48	-35.86	-241.60	-350.66
5443	-2.69	-5.06	5.34	-173.61	-68.05	-2125.64	-40.91	-386.87	-357.97
5444	-3.77	-5.06	5.34	-167.03	-70.22	-2155.50	-47.96	-533.72	-361.55
5445	-4.84	-5.06	5.34	-174.97	-72.69	-2159.97	-56.51	-676.59	-360.20



Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
5446	-5.92	-5.06	5.34	-196.69	-75.48	-2140.58	-65.65	-809.00	-352.84
5447	-6.99	-5.07	5.34	-229.66	-78.56	-2101.95	-74.13	-924.32	-338.79
5448	-8.07	-5.07	5.34	-269.36	-81.82	-2051.50	-80.56	-1016.84	-317.86
5449	-9.15	-5.07	5.34	-310.24	-85.07	-1998.84	-83.64	-1082.21	-290.38
5450	-10.22	-5.07	5.34	-345.75	-87.98	-1954.59	-82.32	-1117.85	-257.05
5451	-11.30	-5.08	5.34	-369.90	-90.17	-1929.17	-75.93	-1122.60	-218.83
5452	-12.37	-5.08	5.34	-377.30	-91.07	-1931.45	-64.29	-1096.17	-176.69
5453	-13.45	-5.08	5.34	-364.51	-90.15	-1967.48	-47.84	-1038.82	-131.67
5454	-14.53	-5.08	5.34	-330.40	-86.90	-2039.26	-27.68	-951.35	-84.96
5455	-15.60	-5.09	5.34	-277.35	-81.10	-2144.19	-5.58	-836.32	-38.28
5456	-16.68	-5.09	5.34	-210.26	-72.47	-2274.07	16.19	-698.91	5.95
5457	-0.53	-6.15	5.34	-221.52	-66.33	-1939.32	-40.14	-111.95	-402.12
5458	-1.58	-6.15	5.34	-192.26	-68.65	-2010.54	-43.94	-246.25	-413.13
5459	-2.63	-6.16	5.34	-174.40	-71.49	-2061.47	-49.97	-385.11	-420.79
5460	-3.69	-6.16	5.34	-169.27	-74.74	-2089.93	-58.02	-524.59	-423.95
5461	-4.74	-6.16	5.34	-177.32	-78.27	-2095.49	-67.53	-659.57	-421.40
5462	-5.79	-6.16	5.34	-197.69	-81.90	-2080.01	-77.48	-784.29	-412.12
5463	-6.85	-6.17	5.34	-227.94	-85.43	-2047.95	-86.54	-892.97	-395.46
5464	-7.90	-6.17	5.34	-264.12	-88.62	-2006.14	-93.32	-980.55	-371.24
5465	-8.95	-6.17	5.34	-301.17	-91.17	-1963.16	-96.38	-1043.18	-339.80
5466	-10.00	-6.18	5.34	-333.47	-92.77	-1928.42	-94.66	-1078.47	-301.87
5467	-11.06	-6.18	5.34	-355.54	-93.05	-1911.09	-87.39	-1085.16	-258.39
5468	-12.11	-6.18	5.34	-362.69	-91.58	-1918.92	-74.36	-1062.81	-210.38
5469	-13.16	-6.18	5.34	-351.79	-88.00	-1957.13	-56.05	-1011.57	-158.96
5470	-14.22	-6.19	5.34	-321.83	-82.07	-2027.33	-33.64	-932.20	-105.49
5471	-15.27	-6.19	5.34	-274.75	-73.92	-2127.06	-9.11	-827.09	-51.95
5472	-16.32	-6.19	5.34	-214.79	-63.51	-2248.69	15.23	-701.00	-1.02
5473	-0.51	-7.25	5.34	-216.66	-73.12	-1873.12	-47.43	-123.06	-460.72
5474	-1.54	-7.25	5.34	-190.77	-75.93	-1940.01	-52.28	-250.75	-472.12
5475	-2.56	-7.25	5.34	-175.46	-79.37	-1988.18	-59.32	-381.92	-479.30
5476	-3.59	-7.25	5.34	-171.70	-83.24	-2016.16	-68.25	-512.86	-481.20
5477	-4.62	-7.26	5.34	-179.64	-87.25	-2024.02	-78.38	-638.98	-476.74
5478	-5.64	-7.26	5.34	-198.37	-91.10	-2013.88	-88.71	-755.25	-465.02
5479	-6.67	-7.26	5.34	-225.59	-94.45	-1989.86	-97.88	-856.72	-445.49
5480	-7.69	-7.26	5.34	-257.94	-96.93	-1958.10	-104.50	-938.99	-418.05
5481	-8.72	-7.26	5.34	-290.90	-98.22	-1926.07	-107.19	-998.74	-383.04
5482	-9.74	-7.26	5.34	-319.77	-98.05	-1901.88	-104.90	-1033.72	-341.16
5483	-10.77	-7.26	5.34	-339.68	-96.08	-1893.35	-96.84	-1042.65	-293.35
5484	-11.80	-7.26	5.34	-346.58	-92.05	-1907.11	-82.81	-1024.94	-240.67
5485	-12.82	-7.26	5.34	-337.74	-85.72	-1947.51	-63.23	-980.58	-184.19
5486	-13.85	-7.27	5.34	-312.24	-77.01	-2015.76	-39.33	-910.38	-125.39
5487	-14.87	-7.27	5.34	-271.76	-66.32	-2109.53	-13.26	-816.61	-66.50
5488	-15.90	-7.27	5.34	-219.61	-54.31	-2221.99	12.56	-703.31	-10.36
5489	0.45	-3.95	17.16	-1218.98	-535.80	-6565.05	-18.71	402.35	113.17
5490	0.44	-5.05	17.16	-823.53	-800.43	-3682.64	61.86	135.47	-1577.05
5491	0.43	-6.15	17.16	-384.08	-205.00	-1255.98	-15.12	-198.13	-198.56
5492	0.41	-7.25	17.16	-432.42	-118.15	-1288.02	-32.15	-317.32	17.89
5493	1.36	-3.95	17.16	-1102.11	-550.07	-6094.53	1.83	443.98	128.93
5494	1.32	-5.06	17.16	-894.33	-770.51	-4478.05	43.08	-451.02	-759.05
5495	1.28	-6.16	17.16	-757.35	-606.25	-3540.17	-60.84	-1477.66	-70.16
5496	1.23	-7.25	17.16	-810.82	-602.86	-3681.11	-56.03	-1677.53	62.81
5497	2.26	-3.95	17.16	-1015.94	-560.75	-5657.35	-52.42	533.72	127.70
5498	2.20	-5.06	17.16	-779.69	-715.47	-5035.19	5.26	515.87	-150.46
5499	2.13	-6.16	17.16	-648.89	-847.68	-5149.64	0.19	475.49	-120.12
5500	2.05	-7.25	17.16	-642.85	-862.80	-5242.62	-27.50	411.06	-59.11
5501	3.16	-3.96	17.16	-1000.05	-522.88	-5324.99	-100.78	618.57	84.77
5502	3.08	-5.06	17.16	-1022.86	-673.86	-3950.54	32.56	1153.77	-624.94
5503	2.99	-6.16	17.16	-1049.71	-582.74	-3157.93	14.97	1644.43	-142.44
5504	2.87	-7.26	17.16	-954.12	-619.16	-3375.60	-16.99	1483.74	-83.40
5505	4.07	-3.96	17.16	-970.79	-510.57	-5033.67	-101.13	667.33	22.71
5506	3.97	-5.07	17.16	-705.53	-568.50	-2961.27	101.03	624.60	-1079.53
5507	3.84	-6.17	17.16	-471.94	-391.44	-2333.21	-86.50	60.59	540.34
5508	3.69	-7.26	17.16	-528.73	-535.85	-3593.86	-58.44	-332.15	167.98
5509	4.97	-3.96	17.16	-875.80	-605.40	-4788.75	-103.98	770.20	-31.49
5510	4.85	-5.07	17.16	-598.42	-647.97	-3875.25	44.06	131.60	-569.84
5511	4.69	-6.17	17.16	-570.82	-667.40	-4095.91	-200.54	167.33	456.45
5512	4.51	-7.26	17.16	-835.88	-758.95	-5108.52	-127.92	937.23	-144.91
5513	5.87	-3.96	17.16	-890.53	-771.09	-5013.99	-93.93	1161.64	-80.56
5514	5.73	-5.07	17.16	-885.04	-758.34	-5062.56	-52.11	1179.10	-183.50
5515	5.54	-6.18	17.16	-1719.91	-1044.53	-4097.24	330.09	1769.68	-978.03
5516	5.33	-7.26	17.16	-2523.42	-906.68	-3078.94	271.95	2497.71	-509.97
5517	6.78	-3.96	17.16	-2879.26	-860.75	-3085.42	74.15	2690.50	-301.50
5518	6.61	-5.08	17.16	-2840.11	-839.32	-3074.03	217.32	2726.19	-479.81
5519	6.40	-6.18	17.16	-2017.89	-858.63	-2015.30	518.64	1804.74	-1140.44
5520	6.14	-7.26	17.16	-1264.01	-446.26	-873.38	74.33	945.68	-311.29
5521	7.68	-3.96	17.16	-1491.11	-358.50	-734.41	-19.23	1076.65	-124.10
5522	7.49	-5.08	17.16	-1422.88	-352.83	-702.79	48.75	1030.90	-230.04
5523	7.25	-6.18	17.16	-1156.49	-379.44	-632.32	137.10	847.81	-341.23
5524	6.96	-7.27	17.16	-846.47	-363.69	-495.69	30.91	595.00	-290.73
5525	8.59	-3.97	17.16	-765.78	-211.15	-311.68	-86.09	502.67	-51.75
5526	8.37	-5.09	17.16	-735.91	-213.79	-304.49	-63.17	481.57	-90.26
5527	8.10	-6.19	17.16	-645.01	-226.43	-282.42	-41.47	424.76	-129.32
5528	7.78	-7.27	17.16	-524.74	-227.99	-249.82	-69.75	341.14	-133.12
5529	9.49	-3.97	17.16	-365.44	-141.34	-153.76	-118.42	248.40	-11.11
5530	9.25	-5.09	17.16	-362.91	-146.73	-152.98	-117.38	239.08	-25.09
5531	8.96	-6.19	17.16	-339.97	-154.86	-149.14	-117.22	218.76	-39.87
5532	8.60	-7.27	17.16	-303.64	-159.82	-141.51	-132.32	187.20	-46.52
5533	10.39	-3.97	17.16	-144.14	-109.84	-90.88	-127.30	118.88	12.06
5534	10.13	-5.09	17.16	-155.82	-115.79	-91.19	-135.84	114.63	8.62
5535	9.81	-6.20	17.16	-161.43	-122.75	-90.85	-144.46	106.42	4.21
5536	9.42	-7.27	17.16	-162.31	-128.00	-89.54	-157.72	93.56	1.49
5537	11.30	-3.97	17.16	-27.42	-99.96	-62.82	-121.02	42.14	26.37
5538	11.01	-5.10	17.16	-45.04	-106.06	-62.57	-133.42	40.75	27.95
5539	10.66	-6.20	17.16	-62.07	-112.57	-62.14	-145.59	37.81	28.53
5540	10.24	-7.27	17.16	-78.75	-117.82	-61.40	-159.10	32.78	28.91
5541	12.20	-3.97	17.16	23.27	-103.80	-44.89	-105.17	-8.87	35.23
5542	11.90	-5.10	17.16	5.01	-109.65	-43.52	-118.54	-8.05	39.00
5543	11.51	-6.20	17.16	-14.82	-115.55	-41.85	-131.87	-7.88	41.66
5544	11.06	-7.27	17.16	-36.37	-120.36	-39.81	-145.63	-8.77	43.43

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
5545	13.11	-3.97	17.16	29.87	-115.78	-19.61	-83.29	-41.16	38.82
5546	12.78	-5.11	17.16	14.46	-120.89	-17.21	-96.12	-38.84	42.37
5547	12.37	-6.21	17.16	-3.35	-125.53	-14.21	-109.40	-36.87	44.69
5548	11.88	-7.28	17.16	-23.66	-129.13	-10.64	-123.21	-35.64	45.90
5549	14.01	-3.97	17.16	7.51	-128.97	39.83	-57.18	-47.51	33.64
5550	13.66	-5.11	17.16	-3.02	-132.95	41.50	-69.03	-45.95	33.26
5551	13.22	-6.21	17.16	-16.31	-136.26	43.49	-81.59	-45.29	32.26
5552	12.70	-7.28	17.16	-32.00	-137.82	46.30	-95.21	-45.19	30.28
5553	0.47	-3.95	15.47	-862.37	164.34	-4023.98	-45.62	346.79	454.95
5554	0.45	-5.05	15.47	-1053.93	-188.02	-3959.85	45.23	255.99	-245.94
5555	0.44	-6.15	15.47	-1227.66	-627.86	-3429.76	32.78	117.51	-354.32
5556	0.42	-7.25	15.47	-1236.24	-576.11	-3189.33	-10.70	60.04	-50.96
5557	1.40	-3.95	15.47	-785.21	86.11	-3864.46	-42.39	338.84	493.36
5558	1.36	-5.06	15.47	-772.64	-214.96	-3921.65	108.98	254.17	-150.35
5559	1.32	-6.16	15.47	-700.86	-489.73	-3530.16	64.57	107.56	-240.22
5560	1.27	-7.25	15.47	-661.82	-463.14	-3375.88	-36.59	17.54	-55.69
5561	2.33	-3.95	15.47	-731.26	9.99	-3712.02	-119.99	411.64	495.96
5562	2.27	-5.06	15.47	-612.27	-237.79	-3821.03	-34.83	401.89	-94.88
5563	2.20	-6.16	15.47	-428.28	-381.39	-3532.08	-21.41	301.38	-138.90
5564	2.12	-7.25	15.47	-384.47	-387.46	-3510.55	-59.34	203.03	-50.42
5565	3.26	-3.96	15.47	-722.51	-12.52	-3518.76	-197.27	471.78	380.26
5566	3.18	-5.06	15.47	-680.82	-261.00	-3642.68	-159.44	558.68	-87.22
5567	3.09	-6.16	15.47	-623.85	-462.56	-3528.85	-52.19	506.35	-109.02
5568	2.97	-7.26	15.47	-602.43	-435.33	-3650.20	-51.60	433.48	-18.68
5569	4.19	-3.96	15.47	-686.02	-66.05	-3409.35	-221.76	484.18	208.80
5570	4.09	-5.07	15.47	-822.16	-353.75	-3526.28	-131.04	591.33	-83.95
5571	3.97	-6.17	15.47	-854.95	-526.41	-3411.24	-54.86	672.57	-178.87
5572	3.82	-7.26	15.47	-733.58	-364.48	-3432.71	-131.59	771.43	-70.90
5573	5.12	-3.96	15.47	-587.48	-210.25	-3451.94	-222.33	609.97	40.72
5574	5.00	-5.07	15.47	-670.29	-358.15	-3387.16	-112.46	742.06	-167.31
5575	4.85	-6.17	15.47	-604.68	-381.75	-3121.81	-174.67	801.04	-278.55
5576	4.67	-7.26	15.47	-488.56	-232.73	-2977.69	-193.30	890.61	-216.36
5577	6.05	-3.96	15.47	-527.08	-290.32	-3174.78	-182.42	1053.43	-117.50
5578	5.91	-5.07	15.47	-527.53	-239.18	-2959.55	-125.07	1061.30	-316.32
5579	5.73	-6.18	15.47	-422.43	-217.05	-2741.65	-266.97	1044.49	-340.11
5580	5.52	-7.26	15.47	-381.79	-250.02	-2586.46	-192.76	1092.45	-425.44
5581	6.98	-3.96	15.47	-426.26	-225.99	-2498.75	-115.80	1332.98	-191.97
5582	6.82	-5.08	15.47	-427.90	-159.56	-2338.13	-67.92	1265.77	-342.97
5583	6.61	-6.18	15.47	-645.61	-229.70	-2136.77	-57.08	1284.12	-427.70
5584	6.37	-7.26	15.47	-883.11	-352.51	-1915.66	17.23	1312.01	-517.75
5585	7.91	-3.96	15.47	-979.64	-230.49	-1641.14	-10.85	1420.95	-197.77
5586	7.73	-5.08	15.47	-956.87	-208.85	-1565.89	41.13	1350.64	-297.86
5587	7.49	-6.18	15.47	-890.96	-236.67	-1378.29	91.72	1192.45	-396.25
5588	7.21	-7.26	15.47	-846.02	-254.10	-1161.09	73.76	1030.25	-385.18
5589	8.84	-3.96	15.47	-905.40	-154.08	-880.18	6.32	1004.55	-121.41
5590	8.64	-5.08	15.47	-875.15	-149.43	-853.50	42.65	955.91	-178.71
5591	8.37	-6.19	15.47	-813.08	-169.49	-802.57	74.85	870.00	-231.34
5592	8.06	-7.27	15.47	-746.12	-190.55	-730.32	72.54	764.75	-249.89
5593	9.78	-3.97	15.47	-708.77	-108.12	-519.49	-6.21	664.27	-54.57
5594	9.54	-5.09	15.47	-689.04	-109.00	-510.97	14.07	637.02	-84.18
5595	9.26	-6.19	15.47	-651.71	-121.40	-495.20	32.66	593.21	-113.74
5596	8.91	-7.27	15.47	-606.28	-136.91	-472.13	36.56	536.82	-131.95
5597	10.71	-3.97	15.47	-510.69	-80.61	-338.26	-23.54	422.75	-5.40
5598	10.45	-5.09	15.47	-502.61	-82.58	-334.32	-14.67	409.23	-19.07
5599	10.14	-6.19	15.47	-485.91	-89.98	-328.52	-5.56	388.48	-34.64
5600	9.76	-7.27	15.47	-463.20	-99.75	-320.20	-2.02	360.73	-47.81
5601	11.64	-3.97	15.47	-342.01	-64.86	-237.06	-37.09	253.07	28.60
5602	11.36	-5.10	15.47	-342.51	-66.28	-232.60	-35.84	248.32	24.11
5603	11.02	-6.20	15.47	-339.47	-70.15	-227.49	-33.43	240.55	16.94
5604	10.61	-7.27	15.47	-333.21	-75.29	-221.41	-32.45	229.17	8.71
5605	12.57	-3.97	15.47	-205.96	-55.96	-160.80	-44.56	132.56	50.89
5606	12.27	-5.10	15.47	-211.77	-56.35	-154.36	-48.19	133.62	51.25
5607	11.90	-6.20	15.47	-216.89	-57.71	-147.19	-50.42	133.59	48.74
5608	11.46	-7.27	15.47	-220.98	-59.68	-139.24	-52.23	131.73	44.06
5609	13.50	-3.97	15.47	-100.10	-50.05	-68.20	-45.25	47.57	64.14
5610	13.18	-5.10	15.47	-108.31	-49.75	-60.80	-51.35	52.12	66.29
5611	12.78	-6.21	15.47	-117.42	-49.61	-52.43	-56.46	56.35	65.81
5612	12.31	-7.27	15.47	-126.82	-50.13	-43.20	-60.66	59.76	63.21
5613	14.43	-3.97	15.47	-26.33	-44.07	85.66	-37.07	-12.98	72.21
5614	14.09	-5.11	15.47	-33.53	-44.75	89.75	-43.31	-6.96	74.03
5615	13.66	-6.21	15.47	-42.36	-45.33	94.27	-49.21	-1.05	74.09
5616	13.16	-7.28	15.47	-51.93	-45.62	99.65	-55.29	4.64	72.46
5617	0.48	-3.95	13.78	-694.69	-140.65	-3385.01	-44.33	366.43	323.58
5618	0.47	-5.05	13.78	-666.51	-81.40	-3581.01	-31.31	393.01	90.69
5619	0.46	-6.15	13.78	-628.04	-124.20	-3612.44	-8.34	403.44	-108.57
5620	0.44	-7.25	13.78	-589.91	-171.82	-3594.35	1.62	389.06	-195.54
5621	1.44	-3.95	13.78	-663.98	-131.78	-3207.15	-80.81	375.46	293.28
5622	1.41	-5.06	13.78	-645.61	-71.41	-3372.38	-71.67	405.21	68.73
5623	1.37	-6.16	13.78	-630.48	-124.80	-3384.92	-39.61	412.98	-112.99
5624	1.32	-7.25	13.78	-598.13	-151.12	-3364.39	-32.06	403.28	-190.17
5625	2.40	-3.95	13.78	-620.09	-134.85	-3076.22	-120.91	406.50	245.83
5626	2.34	-5.06	13.78	-603.84	-76.88	-3225.78	-86.44	441.86	47.43
5627	2.28	-6.16	13.78	-594.25	-131.67	-3249.04	-61.40	440.66	-117.42
5628	2.20	-7.25	13.78	-550.85	-128.02	-3230.35	-63.30	437.71	-197.99
5629	3.35	-3.96	13.78	-569.10	-159.70	-2981.48	-162.55	463.87	178.66
5630	3.28	-5.06	13.78	-542.13	-95.61	-3111.95	-110.59	514.16	21.17
5631	3.19	-6.16	13.78	-495.80	-107.83	-3133.19	-106.20	535.59	-135.30
5632	3.07	-7.26	13.78	-432.82	-87.98	-3087.87	-106.32	565.07	-240.47
5633	4.31	-3.96	13.78	-499.85	-182.03	-2898.03	-191.28	573.61	84.00
5634	4.22	-5.07	13.78	-461.49	-91.73	-2963.90	-159.12	660.18	-45.80
5635	4.10	-6.17	13.78	-420.12	-81.19	-2948.46	-150.01	711.20	-190.12
5636	3.95	-7.26	13.78	-397.10	-83.08	-2865.97	-116.32	742.17	-301.74
5637	5.27	-3.96	13.78	-427.44	-163.64	-2729.47	-183.62	764.34	-27.05
5638	5.15	-5.07	13.78	-440.34	-90.44	-2716.65	-170.16	841.69	-139.79
5639	5.01	-6.17	13.78	-463.08	-93.03	-2649.59	-123.65	885.02	-256.22
5640	4.83	-7.26	13.78	-476.96	-95.72	-2534.57	-100.24	895.03	-348.70
5641	6.23	-3.96	13.78	-425.29	-133.07	-2426.28	-139.79	955.73	-116.13
5642	6.09	-5.07	13.78	-473.30	-109.91	-2364.15	-120.64	988.74	-202.33
5643	5.92	-6.17	13.78	-517.34	-109.45	-2260.34	-63.47	983.49	-288.64

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
5644	5.71	-7.26	13.78	-532.97	-81.44	-2135.50	-58.19	950.47	-352.10
5645	7.19	-3.96	13.78	-542.56	-126.73	-2021.82	-78.73	1068.49	-156.25
5646	7.03	-5.08	13.78	-571.42	-111.62	-1943.37	-65.50	1053.24	-223.14
5647	6.83	-6.18	13.78	-541.87	-90.52	-1848.38	-51.74	1008.60	-279.55
5648	6.59	-7.26	13.78	-501.19	-62.92	-1748.46	-38.70	954.03	-333.33
5649	8.15	-3.96	13.78	-556.34	-97.85	-1577.97	-38.26	1064.32	-148.91
5650	7.96	-5.08	13.78	-559.26	-81.50	-1515.86	-27.34	1022.30	-203.39
5651	7.74	-6.18	13.78	-572.32	-77.94	-1448.59	-18.02	982.59	-250.61
5652	7.47	-7.26	13.78	-576.73	-82.67	-1374.93	6.50	935.50	-300.96
5653	9.10	-3.96	13.78	-632.91	-81.77	-1171.16	-7.24	984.62	-117.13
5654	8.90	-5.08	13.78	-618.98	-72.59	-1134.32	2.87	940.78	-158.86
5655	8.65	-6.18	13.78	-599.85	-70.95	-1082.74	14.28	884.54	-199.51
5656	8.34	-7.27	13.78	-577.75	-72.80	-1024.44	25.24	822.52	-231.10
5657	10.06	-3.97	13.78	-600.45	-58.59	-837.71	0.27	807.16	-69.61
5658	9.84	-5.09	13.78	-582.74	-54.29	-817.57	7.50	773.86	-98.36
5659	9.56	-6.19	13.78	-558.64	-54.69	-791.19	16.03	731.46	-127.81
5660	9.22	-7.27	13.78	-530.42	-57.17	-759.37	22.98	682.50	-153.87
5661	11.02	-3.97	13.78	-503.91	-40.17	-614.73	-5.46	623.03	-24.31
5662	10.77	-5.09	13.78	-490.33	-38.10	-601.02	-2.06	601.77	-42.30
5663	10.47	-6.19	13.78	-471.99	-38.58	-584.60	2.96	574.98	-62.48
5664	10.10	-7.27	13.78	-449.76	-40.44	-565.40	7.63	543.27	-82.98
5665	11.98	-3.97	13.78	-381.09	-26.85	-460.26	-15.51	460.26	13.18
5666	11.71	-5.09	13.78	-374.25	-25.49	-447.44	-15.63	449.08	3.29
5667	11.38	-6.20	13.78	-364.68	-25.38	-433.22	-13.82	434.93	-9.51
5668	10.98	-7.27	13.78	-352.29	-26.15	-417.67	-11.17	417.54	-24.52
5669	12.94	-3.97	13.78	-255.13	-17.29	-331.18	-24.41	321.17	42.75
5670	12.65	-5.10	13.78	-254.78	-16.09	-317.89	-27.15	317.80	38.88
5671	12.29	-6.20	13.78	-253.40	-15.48	-303.61	-27.92	313.12	31.97
5672	11.86	-7.27	13.78	-250.54	-15.49	-288.79	-27.13	306.56	22.32
5673	13.89	-3.97	13.78	-141.20	-10.37	-190.30	-29.15	197.79	66.94
5674	13.58	-5.10	13.78	-145.41	-9.45	-178.62	-33.06	200.53	67.97
5675	13.20	-6.20	13.78	-149.95	-8.69	-166.44	-35.60	203.04	66.15
5676	12.73	-7.27	13.78	-154.09	-8.75	-154.39	-36.55	204.92	61.67
5677	14.85	-3.97	13.78	-47.54	-4.51	-8.28	-28.69	73.36	90.87
5678	14.52	-5.10	13.78	-53.53	-4.61	-3.39	-32.64	81.61	96.71
5679	14.11	-6.21	13.78	-60.78	-4.56	0.86	-35.83	90.84	100.12
5680	13.61	-7.28	13.78	-68.22	-4.20	4.21	-38.63	100.43	101.08
5681	0.49	-3.95	12.09	-488.81	-140.39	-3100.40	-23.84	336.77	83.18
5682	0.48	-5.05	12.09	-449.96	-60.90	-3217.80	-13.07	335.96	-36.15
5683	0.47	-6.15	12.09	-406.09	-14.66	-3268.15	-1.41	323.22	-172.79
5684	0.45	-7.25	12.09	-353.72	24.76	-3259.12	12.51	300.97	-318.00
5685	1.48	-3.95	12.09	-502.39	-135.16	-2922.78	-57.29	393.25	66.90
5686	1.45	-5.05	12.09	-468.71	-60.80	-3030.17	-44.59	408.53	-40.97
5687	1.41	-6.16	12.09	-427.74	-13.55	-3077.93	-33.52	410.18	-169.87
5688	1.36	-7.25	12.09	-378.75	20.97	-3067.99	-18.42	402.20	-306.98
5689	2.46	-3.95	12.09	-491.67	-130.12	-2777.68	-84.30	456.33	36.42
5690	2.41	-5.06	12.09	-461.77	-59.60	-2863.34	-75.53	484.33	-60.51
5691	2.35	-6.16	12.09	-423.00	-9.66	-2894.09	-62.45	499.91	-181.89
5692	2.27	-7.25	12.09	-381.40	19.51	-2869.40	-44.99	503.07	-310.71
5693	3.45	-3.95	12.09	-464.04	-121.02	-2647.28	-103.07	544.17	-6.34
5694	3.38	-5.06	12.09	-442.87	-55.64	-2698.20	-99.00	581.62	-95.83
5695	3.29	-6.16	12.09	-418.03	-11.58	-2701.46	-79.96	602.63	-205.63
5696	3.18	-7.26	12.09	-391.18	12.99	-2658.44	-58.44	603.66	-320.29
5697	4.43	-3.96	12.09	-438.30	-106.89	-2496.29	-109.21	662.83	-55.84
5698	4.34	-5.06	12.09	-434.85	-55.47	-2509.85	-103.69	693.73	-136.29
5699	4.22	-6.17	12.09	-422.89	-17.60	-2486.36	-82.37	705.68	-229.17
5700	4.08	-7.26	12.09	-401.48	7.87	-2427.89	-62.64	698.22	-329.02
5701	5.42	-3.96	12.09	-439.35	-95.47	-2300.40	-100.30	789.60	-100.70
5702	5.31	-5.07	12.09	-442.03	-54.50	-2284.42	-92.86	804.27	-168.43
5703	5.16	-6.17	12.09	-431.81	-20.13	-2242.47	-79.32	802.51	-246.75
5704	4.99	-7.26	12.09	-413.47	0.58	-2175.14	-54.59	783.30	-331.24
5705	6.41	-3.96	12.09	-466.50	-84.80	-2058.38	-79.40	896.75	-130.47
5706	6.27	-5.07	12.09	-468.35	-47.64	-2023.17	-75.71	893.58	-188.19
5707	6.10	-6.17	12.09	-459.21	-21.94	-1969.48	-67.19	879.12	-255.70
5708	5.90	-7.26	12.09	-442.81	-12.17	-1897.60	-42.04	848.90	-323.54
5709	7.39	-3.96	12.09	-494.66	-67.13	-1778.38	-54.68	967.86	-141.22
5710	7.23	-5.07	12.09	-494.83	-41.52	-1735.54	-52.28	947.61	-189.98
5711	7.04	-6.18	12.09	-495.09	-27.53	-1679.13	-39.53	915.81	-245.75
5712	6.81	-7.26	12.09	-484.77	-21.21	-1610.77	-22.66	869.92	-297.70
5713	8.38	-3.96	12.09	-543.21	-53.98	-1487.60	-30.01	982.94	-131.65
5714	8.20	-5.08	12.09	-536.92	-38.69	-1446.40	-29.76	950.00	-171.49
5715	7.98	-6.18	12.09	-517.97	-27.22	-1396.91	-22.26	904.58	-214.14
5716	7.72	-7.26	12.09	-490.71	-19.13	-1340.99	-12.91	849.40	-255.01
5717	9.36	-3.96	12.09	-548.49	-39.39	-1216.05	-15.80	937.88	-104.99
5718	9.16	-5.08	12.09	-535.05	-29.67	-1181.85	-16.82	900.16	-136.88
5719	8.92	-6.18	12.09	-516.54	-23.47	-1144.24	-13.37	855.99	-170.11
5720	8.62	-7.26	12.09	-491.19	-20.54	-1102.59	-5.69	804.55	-204.41
5721	10.35	-3.96	12.09	-529.55	-29.11	-987.31	-9.98	854.80	-70.02
5722	10.13	-5.08	12.09	-512.86	-23.26	-960.15	-11.92	819.78	-94.34
5723	9.86	-6.19	12.09	-491.81	-19.62	-929.50	-10.49	778.63	-120.33
5724	9.53	-7.27	12.09	-466.11	-18.35	-896.07	-6.06	732.00	-147.03
5725	11.33	-3.97	12.09	-470.23	-20.76	-802.56	-11.96	741.32	-32.02
5726	11.09	-5.09	12.09	-455.57	-17.22	-779.25	-14.93	713.32	-48.94
5727	10.80	-6.19	12.09	-437.51	-15.14	-753.47	-15.09	680.35	-67.97
5728	10.44	-7.27	12.09	-415.90	-14.76	-725.78	-12.67	642.83	-88.67
5729	12.32	-3.97	12.09	-380.49	-15.21	-654.96	-18.00	613.65	4.57
5730	12.06	-5.09	12.09	-371.33	-12.94	-632.77	-22.02	594.07	-5.36
5731	11.73	-6.19	12.09	-359.97	-11.63	-608.81	-23.42	570.91	-17.85
5732	11.35	-7.27	12.09	-346.07	-11.49	-583.98	-22.31	544.17	-32.78
5733	13.30	-3.97	12.09	-276.18	-12.60	-523.86	-24.44	477.67	38.28
5734	13.02	-5.09	12.09	-273.51	-11.07	-502.68	-29.23	466.81	34.87
5735	12.67	-6.20	12.09	-269.89	-10.08	-480.42	-31.64	453.79	28.59
5736	12.25	-7.27	12.09	-264.77	-9.84	-458.31	-31.63	438.30	19.50
5737	14.29	-3.97	12.09	-169.20	-12.15	-386.75	-29.58	329.16	69.96
5738	13.99	-5.10	12.09	-172.18	-10.99	-369.29	-34.67	327.37	73.02
5739	13.61	-6.20	12.09	-175.42	-9.81	-351.83	-38.05	324.89	72.90
5740	13.16	-7.27	12.09	-178.18	-9.28	-335.50	-39.27	321.39	69.67
5741	15.28	-3.97	12.09	-74.00	-14.06	-230.37	-32.17	162.19	101.25
5742	14.95	-5.10	12.09	-80.62	-13.30	-221.29	-37.31	170.20	110.76

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
5743	14.55	-6.20	12.09	-88.74	-11.89	-213.73	-41.16	179.66	116.84
5744	14.07	-7.27	12.09	-96.95	-9.71	-208.32	-43.91	189.43	119.69
5745	0.51	-3.95	10.41	-351.26	-101.01	-2840.46	-10.78	269.18	-98.41
5746	0.50	-5.05	10.41	-319.31	-38.81	-2877.79	-7.00	258.89	-179.19
5747	0.48	-6.15	10.41	-282.93	7.98	-2878.83	-0.98	241.19	-286.32
5748	0.47	-7.25	10.41	-243.50	37.24	-2830.40	5.59	215.17	-406.72
5749	1.52	-3.95	10.41	-387.36	-96.96	-2675.23	-31.76	368.24	-99.07
5750	1.49	-5.05	10.41	-357.22	-37.75	-2707.85	-29.50	367.06	-174.86
5751	1.45	-6.15	10.41	-322.15	6.30	-2707.76	-21.81	357.40	-274.87
5752	1.41	-7.25	10.41	-283.55	34.55	-2663.50	-11.48	336.86	-387.50
5753	2.53	-3.95	10.41	-409.76	-90.05	-2518.96	-48.26	465.94	-109.15
5754	2.48	-5.06	10.41	-384.57	-36.00	-2539.27	-46.91	470.46	-179.92
5755	2.42	-6.16	10.41	-354.58	3.35	-2531.41	-38.45	464.96	-271.41
5756	2.34	-7.25	10.41	-319.72	29.20	-2486.01	-25.27	446.51	-373.94
5757	3.54	-3.95	10.41	-426.19	-81.19	-2362.07	-58.11	568.33	-124.74
5758	3.47	-5.06	10.41	-407.17	-34.32	-2366.53	-57.31	572.41	-189.54
5759	3.39	-6.16	10.41	-381.95	0.35	-2347.82	-49.28	565.87	-271.80
5760	3.28	-7.26	10.41	-350.45	22.89	-2298.00	-34.92	546.15	-363.32
5761	4.56	-3.96	10.41	-445.59	-71.69	-2194.80	-60.23	673.34	-140.66
5762	4.47	-5.06	10.41	-430.44	-31.83	-2183.47	-60.89	672.51	-199.13
5763	4.35	-6.16	10.41	-409.16	-2.81	-2153.71	-53.88	661.18	-272.44
5764	4.22	-7.26	10.41	-381.61	14.94	-2099.21	-38.84	636.09	-351.73
5765	5.57	-3.96	10.41	-471.81	-61.10	-2010.79	-55.49	774.06	-152.06
5766	5.46	-5.07	10.41	-459.72	-29.25	-1986.10	-58.11	764.84	-204.82
5767	5.32	-6.17	10.41	-441.34	-6.77	-1947.45	-51.26	744.78	-268.34
5768	5.15	-7.26	10.41	-415.35	7.03	-1890.59	-38.74	711.26	-335.46
5769	6.58	-3.96	10.41	-505.26	-50.18	-1808.39	-46.18	860.82	-155.24
5770	6.45	-5.07	10.41	-493.63	-27.43	-1775.37	-49.78	840.64	-201.95
5771	6.29	-6.17	10.41	-475.16	-10.55	-1733.20	-44.54	809.57	-254.96
5772	6.09	-7.26	10.41	-448.31	0.34	-1678.75	-34.89	766.39	-311.23
5773	7.60	-3.96	10.41	-544.58	-41.78	-1596.48	-35.07	920.46	-147.53
5774	7.44	-5.07	10.41	-529.96	-25.44	-1560.95	-39.98	890.21	-187.95
5775	7.25	-6.17	10.41	-506.45	-12.82	-1519.60	-38.67	850.76	-232.00
5776	7.03	-7.26	10.41	-475.34	-5.88	-1470.37	-31.30	801.03	-278.46
5777	8.61	-3.96	10.41	-571.85	-34.58	-1388.76	-26.18	947.92	-129.31
5778	8.44	-5.08	10.41	-553.37	-23.14	-1354.78	-32.04	911.02	-163.40
5779	8.22	-6.18	10.41	-529.11	-15.23	-1316.71	-32.71	866.01	-199.85
5780	7.97	-7.26	10.41	-497.43	-11.95	-1273.50	-28.17	811.92	-237.24
5781	9.62	-3.96	10.41	-584.71	-30.65	-1200.25	-20.69	942.59	-102.84
5782	9.43	-5.08	10.41	-563.49	-22.90	-1169.17	-27.65	902.86	-130.36
5783	9.19	-6.18	10.41	-535.44	-17.39	-1134.78	-30.48	854.84	-159.27
5784	8.90	-7.26	10.41	-500.85	-15.31	-1097.06	-29.30	798.94	-188.70
5785	10.63	-3.96	10.41	-567.17	-29.28	-1041.65	-20.29	905.65	-70.67
5786	10.42	-5.08	10.41	-545.64	-23.56	-1012.80	-28.20	866.59	-91.46
5787	10.16	-6.18	10.41	-518.54	-19.71	-981.32	-32.87	820.14	-113.19
5788	9.84	-7.27	10.41	-485.78	-18.73	-947.39	-33.70	766.63	-136.08
5789	11.65	-3.96	10.41	-518.19	-31.24	-917.45	-24.13	841.54	-35.62
5790	11.41	-5.09	10.41	-499.46	-26.53	-889.07	-32.79	806.03	-49.53
5791	11.12	-6.19	10.41	-476.32	-23.31	-857.84	-38.64	763.69	-64.46
5792	10.78	-7.27	10.41	-448.73	-22.50	-824.61	-40.89	715.10	-81.10
5793	12.66	-3.97	10.41	-437.05	-35.85	-821.24	-30.89	748.19	0.96
5794	12.41	-5.09	10.41	-424.22	-31.67	-791.74	-40.12	718.78	-5.97
5795	12.09	-6.19	10.41	-408.42	-28.61	-759.23	-46.60	683.52	-14.35
5796	11.72	-7.27	10.41	-389.46	-27.42	-725.13	-49.53	642.95	-25.25
5797	13.67	-3.97	10.41	-331.05	-42.38	-736.53	-38.39	620.03	38.56
5798	13.40	-5.09	10.41	-326.28	-38.84	-706.22	-47.89	599.67	38.54
5799	13.06	-6.19	10.41	-320.15	-35.94	-673.23	-54.53	575.14	36.12
5800	12.65	-7.27	10.41	-312.22	-34.16	-639.51	-57.65	546.73	30.32
5801	14.68	-3.97	10.41	-221.28	-52.52	-646.29	-43.44	458.23	75.21
5802	14.39	-5.09	10.41	-223.95	-49.91	-618.26	-52.66	449.90	81.53
5803	14.03	-6.20	10.41	-226.83	-47.11	-588.97	-59.27	439.68	84.08
5804	13.59	-7.27	10.41	-229.10	-44.44	-560.20	-62.68	427.50	82.35
5805	15.70	-3.97	10.41	-99.67	-60.93	-530.57	-48.29	258.24	110.55
5806	15.38	-5.10	10.41	-108.18	-59.31	-510.19	-57.97	263.67	122.65
5807	14.99	-6.20	10.41	-118.30	-56.09	-490.99	-65.35	270.24	129.65
5808	14.53	-7.27	10.41	-128.38	-50.86	-474.01	-70.42	276.74	132.36
5809	0.52	-3.95	8.72	-286.29	-69.16	-2551.74	-11.39	189.20	-204.74
5810	0.51	-5.05	8.72	-264.97	-33.86	-2536.52	-12.04	174.91	-273.69
5811	0.50	-6.15	8.72	-240.74	-7.07	-2500.29	-11.60	155.40	-357.19
5812	0.48	-7.25	8.72	-215.13	7.23	-2434.03	-10.71	130.49	-447.25
5813	1.56	-3.95	8.72	-335.76	-66.87	-2403.42	-21.48	312.06	-197.56
5814	1.53	-5.05	8.72	-314.15	-33.64	-2389.10	-22.80	300.31	-262.42
5815	1.49	-6.15	8.72	-288.91	-8.27	-2356.45	-21.40	282.12	-341.03
5816	1.45	-7.25	8.72	-261.21	5.28	-2297.06	-18.06	256.53	-425.98
5817	2.60	-3.95	8.72	-381.04	-62.74	-2252.11	-29.59	426.33	-194.22
5818	2.55	-5.06	8.72	-360.32	-32.83	-2235.06	-31.98	415.25	-254.78
5819	2.49	-6.16	8.72	-335.07	-9.85	-2202.57	-30.21	396.93	-327.61
5820	2.42	-7.25	8.72	-306.33	2.20	-2147.22	-25.38	369.85	-406.00
5821	3.64	-3.95	8.72	-425.12	-57.39	-2096.82	-34.62	534.92	-192.45
5822	3.57	-5.06	8.72	-405.52	-31.58	-2075.01	-38.33	522.20	-248.72
5823	3.49	-6.16	8.72	-380.80	-11.96	-2040.70	-36.80	501.69	-315.10
5824	3.38	-7.25	8.72	-351.65	-2.02	-1987.91	-31.37	471.45	-385.81
5825	4.68	-3.96	8.72	-470.95	-51.43	-1935.55	-36.32	637.75	-189.75
5826	4.59	-5.06	8.72	-452.16	-30.36	-1908.75	-41.37	620.89	-241.64
5827	4.48	-6.16	8.72	-427.42	-14.47	-1872.41	-40.68	595.83	-301.01
5828	4.35	-7.26	8.72	-397.10	-6.79	-1821.97	-35.82	560.79	-363.62
5829	5.72	-3.96	8.72	-520.59	-45.88	-1767.58	-35.16	731.93	-183.70
5830	5.61	-5.07	8.72	-501.14	-29.46	-1737.33	-41.49	709.06	-230.86
5831	5.48	-6.17	8.72	-475.03	-17.20	-1700.26	-42.52	677.93	-283.17
5832	5.32	-7.26	8.72	-442.57	-11.97	-1653.02	-38.77	637.03	-337.57
5833	6.76	-3.96	8.72	-573.44	-41.78	-1596.05	-32.21	812.62	-172.45
5834	6.63	-5.07	8.72	-551.86	-29.18	-1564.61	-40.07	783.35	-214.60
5835	6.47	-6.17	8.72	-522.89	-20.22	-1528.39	-43.19	745.89	-260.10
5836	6.28	-7.26	8.72	-486.90	-17.29	-1485.21	-41.46	699.03	-306.40
5837	7.80	-3.96	8.72	-624.69	-39.64	-1427.30	-29.02	876.46	-155.33
5838	7.65	-5.07	8.72	-600.14	-30.16	-1396.61	-38.43	841.45	-192.15
5839	7.47	-6.17	8.72	-567.96	-23.86	-1362.81	-43.65	797.94	-230.69
5840	7.25	-7.26	8.72	-528.03	-22.40	-1324.50	-44.64	745.36	-269.37
5841	8.84	-3.96	8.72	-669.77	-40.79	-1270.57	-26.78	921.12	-132.63

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
5842	8.67	-5.07	8.72	-642.15	-33.17	-1241.82	-37.83	881.74	-163.68
5843	8.47	-6.18	8.72	-605.80	-28.18	-1211.02	-45.75	833.57	-195.16
5844	8.22	-7.26	8.72	-561.25	-27.46	-1177.39	-49.64	776.55	-226.68
5845	9.88	-3.96	8.72	-699.31	-45.81	-1136.10	-26.69	946.60	-105.44
5846	9.69	-5.08	8.72	-669.60	-38.67	-1109.31	-39.32	904.74	-130.24
5847	9.46	-6.18	8.72	-631.11	-34.03	-1080.81	-49.82	853.68	-154.66
5848	9.18	-7.26	8.72	-583.94	-33.45	-1050.24	-56.56	793.55	-179.13
5849	10.92	-3.96	8.72	-706.47	-55.70	-1033.70	-29.20	953.96	-75.26
5850	10.71	-5.08	8.72	-676.63	-47.96	-1007.69	-43.33	911.48	-93.34
5851	10.46	-6.18	8.72	-637.77	-42.33	-979.46	-56.25	858.98	-110.46
5852	10.15	-7.26	8.72	-589.98	-40.68	-949.06	-65.84	796.82	-127.75
5853	11.96	-3.96	8.72	-681.03	-70.68	-971.10	-34.93	941.63	-43.02
5854	11.73	-5.08	8.72	-653.67	-61.63	-943.81	-50.39	900.24	-54.12
5855	11.45	-6.19	8.72	-617.88	-54.15	-913.18	-65.27	848.20	-63.75
5856	11.12	-7.27	8.72	-573.43	-50.45	-879.30	-77.07	785.67	-73.83
5857	13.00	-3.96	8.72	-612.13	-90.15	-952.53	-44.58	901.77	-8.45
5858	12.75	-5.09	8.72	-590.29	-79.85	-921.34	-61.20	863.32	-12.52
5859	12.45	-6.19	8.72	-561.50	-70.27	-885.19	-77.28	814.17	-14.96
5860	12.08	-7.27	8.72	-525.52	-63.95	-843.91	-90.03	754.20	-18.14
5861	14.04	-3.97	8.72	-486.94	-111.32	-971.30	-58.65	812.19	31.01
5862	13.77	-5.09	8.72	-474.35	-100.76	-933.17	-76.51	779.62	33.99
5863	13.44	-6.19	8.72	-457.15	-89.84	-888.71	-93.05	737.64	37.67
5864	13.05	-7.27	8.72	-435.52	-81.41	-837.56	-104.94	686.23	39.76
5865	15.08	-3.97	8.72	-301.09	-125.81	-971.69	-74.53	626.88	80.55
5866	14.79	-5.09	8.72	-303.16	-117.69	-927.54	-93.40	607.86	90.97
5867	14.44	-6.19	8.72	-303.39	-107.72	-877.38	-110.02	582.33	98.90
5868	14.02	-7.27	8.72	-301.84	-99.54	-821.91	-119.83	551.24	102.31
5869	16.12	-3.97	8.72	-187.49	-151.33	-911.21	-72.46	388.42	127.38
5870	15.81	-5.10	8.72	-198.71	-150.17	-869.44	-89.26	389.12	142.20
5871	15.44	-6.20	8.72	-211.88	-144.97	-825.07	-103.15	388.19	149.17
5872	14.98	-7.27	8.72	-224.09	-136.02	-781.27	-111.31	385.78	148.32
5873	0.53	-3.95	7.03	-271.23	-58.75	-2246.26	-17.59	110.78	-254.63
5874	0.52	-5.05	7.03	-258.53	-44.03	-2207.70	-21.82	96.80	-317.93
5875	0.51	-6.15	7.03	-243.84	-34.29	-2156.76	-25.57	79.16	-386.68
5876	0.50	-7.25	7.03	-228.15	-32.25	-2088.89	-29.08	58.04	-456.27
5877	1.60	-3.95	7.03	-325.41	-57.42	-2117.68	-21.11	240.19	-244.43
5878	1.57	-5.05	7.03	-310.58	-43.50	-2082.35	-25.81	224.96	-304.55
5879	1.54	-6.15	7.03	-292.98	-34.31	-2036.33	-29.02	205.07	-369.91
5880	1.49	-7.25	7.03	-273.55	-32.43	-1975.27	-31.16	180.20	-436.28
5881	2.67	-3.95	7.03	-382.40	-55.24	-1980.90	-24.45	359.12	-234.85
5882	2.62	-5.06	7.03	-365.93	-42.83	-1947.25	-29.92	342.22	-291.56
5883	2.56	-6.16	7.03	-345.85	-34.83	-1904.81	-33.11	319.88	-352.82
5884	2.49	-7.25	7.03	-323.01	-33.56	-1849.71	-34.48	291.42	-414.89
5885	3.73	-3.95	7.03	-442.80	-52.72	-1838.14	-26.98	468.83	-224.92
5886	3.67	-5.06	7.03	-424.70	-42.30	-1805.33	-33.50	449.36	-277.98
5887	3.59	-6.16	7.03	-402.07	-35.85	-1765.70	-37.23	423.87	-334.60
5888	3.49	-7.25	7.03	-375.61	-35.48	-1716.02	-38.55	391.53	-391.63
5889	4.80	-3.96	7.03	-507.62	-50.56	-1691.07	-28.49	569.40	-213.43
5890	4.72	-5.06	7.03	-487.40	-42.20	-1659.09	-36.33	546.47	-262.59
5891	4.61	-6.16	7.03	-461.67	-37.44	-1622.19	-41.17	517.11	-314.21
5892	4.48	-7.26	7.03	-431.05	-38.09	-1577.82	-43.14	480.48	-365.72
5893	5.87	-3.96	7.03	-577.30	-49.55	-1542.14	-29.14	659.91	-199.29
5894	5.76	-5.06	7.03	-554.24	-42.97	-1511.56	-38.58	632.99	-244.28
5895	5.63	-6.17	7.03	-524.55	-39.69	-1477.76	-45.07	599.27	-290.62
5896	5.48	-7.26	7.03	-488.79	-41.23	-1438.88	-48.51	558.04	-336.35
5897	6.94	-3.96	7.03	-651.08	-50.57	-1395.21	-29.33	739.36	-181.80
5898	6.81	-5.07	7.03	-624.49	-45.16	-1366.82	-40.63	708.34	-222.26
5899	6.66	-6.17	7.03	-589.99	-42.80	-1336.71	-49.38	670.11	-263.02
5900	6.48	-7.26	7.03	-548.11	-44.90	-1303.54	-55.01	624.21	-302.89
5901	8.00	-3.96	7.03	-727.28	-54.78	-1255.96	-29.46	807.08	-160.78
5902	7.86	-5.07	7.03	-696.78	-49.48	-1230.40	-42.90	772.40	-196.23
5903	7.68	-6.17	7.03	-656.72	-47.13	-1204.24	-54.62	729.98	-231.16
5904	7.47	-7.26	7.03	-607.71	-49.22	-1176.61	-63.19	679.59	-265.03
5905	9.07	-3.96	7.03	-802.49	-63.43	-1131.65	-29.83	863.86	-136.66
5906	8.91	-5.07	7.03	-768.37	-56.95	-1109.00	-45.66	826.36	-166.53
5907	8.71	-6.17	7.03	-722.91	-53.38	-1086.46	-60.93	780.24	-195.21
5908	8.47	-7.26	7.03	-666.38	-54.52	-1063.49	-73.36	725.43	-222.78
5909	10.14	-3.96	7.03	-873.03	-78.23	-1030.84	-30.46	912.01	-110.33
5910	9.96	-5.08	7.03	-836.35	-69.10	-1010.43	-48.81	872.69	-134.08
5911	9.73	-6.18	7.03	-786.09	-62.65	-990.35	-68.32	823.42	-155.85
5912	9.46	-7.26	7.03	-721.97	-61.46	-970.27	-85.67	764.07	-176.54
5913	11.20	-3.96	7.03	-933.14	-101.14	-963.51	-31.58	955.01	-82.92
5914	11.01	-5.08	7.03	-895.70	-88.04	-943.88	-52.15	915.00	-100.15
5915	10.76	-6.18	7.03	-842.64	-76.79	-924.17	-76.29	863.20	-114.30
5916	10.46	-7.26	7.03	-772.12	-71.42	-904.03	-99.71	798.86	-127.11
5917	12.27	-3.96	7.03	-974.67	-134.35	-942.24	-34.01	996.77	-55.36
5918	12.05	-5.08	7.03	-938.71	-116.78	-921.15	-55.92	957.19	-66.20
5919	11.78	-6.18	7.03	-885.93	-98.86	-898.75	-84.34	903.64	-72.21
5920	11.46	-7.26	7.03	-811.76	-86.68	-874.11	-114.76	833.57	-75.68
5921	13.34	-3.96	7.03	-982.18	-179.28	-985.23	-40.40	1038.81	-27.32
5922	13.10	-5.08	7.03	-949.86	-158.54	-959.45	-62.38	1000.53	-32.74
5923	12.81	-6.19	7.03	-901.67	-133.34	-930.26	-93.39	946.64	-31.25
5924	12.45	-7.27	7.03	-829.35	-111.64	-894.82	-130.32	870.86	-24.04
5925	14.41	-3.97	7.03	-923.13	-234.36	-1121.19	-56.20	1071.95	5.06
5926	14.15	-5.09	7.03	-896.45	-214.59	-1085.63	-77.91	1034.92	3.55
5927	13.83	-6.19	7.03	-857.82	-184.71	-1043.96	-108.72	982.59	9.63
5928	13.45	-7.27	7.03	-796.72	-152.97	-989.46	-148.83	904.15	25.94
5929	15.47	-3.97	7.03	-720.91	-291.64	-1399.60	-89.92	1041.91	54.32
5930	15.20	-5.09	7.03	-704.01	-278.72	-1340.31	-114.62	1005.12	57.89
5931	14.86	-6.19	7.03	-681.69	-251.72	-1272.61	-144.07	956.13	64.30
5932	14.45	-7.27	7.03	-644.28	-215.12	-1186.03	-181.66	882.97	81.02
5933	16.54	-3.97	7.03	-131.88	-267.99	-1490.46	-141.28	592.24	169.37
5934	16.25	-5.09	7.03	-149.18	-271.04	-1412.03	-178.03	582.61	192.18
5935	15.88	-6.19	7.03	-166.87	-266.89	-1322.86	-213.64	564.53	204.60
5936	15.44	-7.27	7.03	-176.46	-249.49	-1218.07	-248.46	529.18	209.46
5937	0.55	-3.95	5.34	-275.55	-64.94	-1947.45	-24.83	41.04	-270.04
5938	0.54	-5.05	5.34	-268.68	-62.99	-1902.78	-31.76	29.34	-329.20
5939	0.53	-6.15	5.34	-260.58	-64.58	-1850.85	-38.43	15.03	-388.75
5940	0.51	-7.25	5.34	-251.84	-71.08	-1789.96	-44.80	-1.65	-446.03

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
5941	1.64	-3.95	5.34	-329.33	-63.61	-1837.03	-24.92	165.65	-259.76
5942	1.61	-5.05	5.34	-319.67	-61.83	-1795.93	-32.08	151.12	-316.42
5943	1.58	-6.15	5.34	-308.03	-63.48	-1748.69	-38.49	133.17	-373.52
5944	1.54	-7.25	5.34	-295.05	-69.89	-1693.62	-44.21	111.78	-428.60
5945	2.74	-3.95	5.34	-390.86	-62.41	-1717.02	-25.65	280.08	-248.42
5946	2.69	-5.06	5.34	-378.31	-61.09	-1679.21	-33.39	262.90	-302.28
5947	2.63	-6.16	5.34	-362.89	-63.05	-1636.53	-39.98	241.64	-356.41
5948	2.56	-7.25	5.34	-345.25	-69.53	-1587.45	-45.47	216.11	-408.59
5949	3.83	-3.95	5.34	-459.99	-61.76	-1590.62	-26.72	384.36	-235.70
5950	3.77	-5.06	5.34	-444.28	-61.01	-1555.96	-35.38	364.51	-286.49
5951	3.69	-6.16	5.34	-424.66	-63.37	-1517.79	-42.64	340.06	-337.20
5952	3.59	-7.25	5.34	-401.79	-69.97	-1474.83	-48.43	310.72	-385.95
5953	4.92	-3.95	5.34	-536.93	-62.23	-1460.87	-27.95	478.42	-221.15
5954	4.84	-5.06	5.34	-517.62	-61.88	-1429.46	-37.90	455.82	-268.59
5955	4.74	-6.16	5.34	-493.16	-64.53	-1395.90	-46.39	428.22	-315.52
5956	4.62	-7.26	5.34	-464.22	-71.19	-1359.19	-53.13	395.30	-360.44
5957	6.02	-3.96	5.34	-621.96	-64.56	-1331.14	-29.24	562.04	-204.35
5958	5.92	-5.06	5.34	-598.53	-64.16	-1303.25	-40.90	536.75	-248.12
5959	5.79	-6.16	5.34	-568.45	-66.71	-1274.51	-51.31	506.12	-290.97
5960	5.64	-7.26	5.34	-532.36	-73.19	-1244.16	-59.74	469.83	-331.77
5961	7.11	-3.96	5.34	-715.25	-69.72	-1205.55	-30.50	635.15	-185.08
5962	6.99	-5.07	5.34	-687.33	-68.45	-1181.44	-44.34	607.45	-224.79
5963	6.85	-6.17	5.34	-650.79	-70.19	-1157.64	-57.47	574.02	-263.25
5964	6.67	-7.26	5.34	-606.27	-76.02	-1133.63	-68.54	534.63	-299.67
5965	8.21	-3.96	5.34	-816.79	-79.00	-1089.09	-31.45	698.27	-163.35
5966	8.07	-5.07	5.34	-784.36	-75.67	-1068.78	-47.97	668.64	-198.58
5967	7.90	-6.17	5.34	-740.78	-75.47	-1049.80	-64.82	632.80	-232.24
5968	7.69	-7.26	5.34	-686.44	-79.85	-1031.81	-79.78	590.53	-264.00
5969	9.30	-3.96	5.34	-926.80	-94.26	-987.67	-31.51	752.84	-139.50
5970	9.15	-5.07	5.34	-890.45	-87.27	-970.76	-51.12	721.98	-169.74
5971	8.95	-6.17	5.34	-839.67	-83.41	-956.01	-72.93	684.19	-198.12
5972	8.72	-7.26	5.34	-774.07	-85.05	-943.26	-93.52	639.16	-224.75
5973	10.40	-3.96	5.34	-1045.80	-118.16	-908.14	-29.87	801.60	-114.10
5974	10.22	-5.07	5.34	-1007.03	-105.66	-893.61	-52.53	770.39	-138.91
5975	10.00	-6.18	5.34	-949.83	-95.68	-881.92	-80.64	731.19	-161.37
5976	9.74	-7.26	5.34	-871.76	-92.46	-872.99	-109.32	683.26	-182.09
5977	11.49	-3.96	5.34	-1175.31	-154.60	-858.71	-25.79	849.04	-87.83
5978	11.30	-5.08	5.34	-1136.55	-135.07	-844.85	-50.36	818.54	-107.04
5979	11.06	-6.18	5.34	-1075.22	-115.53	-834.22	-85.64	778.67	-122.93
5980	10.77	-7.26	5.34	-984.15	-103.75	-826.85	-125.98	727.40	-136.47
5981	12.59	-3.96	5.34	-1318.33	-208.65	-850.39	-19.59	902.42	-61.22
5982	12.37	-5.08	5.34	-1282.30	-182.52	-834.59	-42.88	873.85	-75.34
5983	12.11	-6.18	5.34	-1221.58	-149.73	-822.00	-84.08	834.65	-84.47
5984	11.80	-7.26	5.34	-1119.41	-122.75	-812.76	-140.30	779.45	-88.93
5985	13.68	-3.96	5.34	-1481.53	-285.49	-901.03	-14.13	975.07	-33.84
5986	13.45	-5.08	5.34	-1448.98	-258.26	-879.64	-30.86	949.22	-44.72
5987	13.16	-6.18	5.34	-1395.66	-211.79	-860.76	-71.54	913.03	-48.58
5988	12.82	-7.26	5.34	-1289.75	-159.91	-844.13	-145.64	854.08	-41.95
5989	14.77	-3.96	5.34	-1679.17	-389.18	-1049.46	-15.09	1096.14	-2.77
5990	14.53	-5.08	5.34	-1645.39	-372.23	-1016.36	-21.50	1070.89	-13.49
5991	14.22	-6.19	5.34	-1604.01	-323.56	-985.83	-49.04	1040.67	-17.78
5992	13.85	-7.27	5.34	-1509.95	-241.71	-951.99	-132.83	980.16	0.24
5993	15.87	-3.97	5.34	-1932.32	-525.84	-1398.13	-29.40	1334.58	40.73
5994	15.60	-5.09	5.34	-1889.17	-530.78	-1344.62	-28.99	1301.66	29.19
5995	15.27	-6.19	5.34	-1852.43	-500.92	-1298.09	-36.54	1274.82	15.42
5996	14.87	-7.27	5.34	-1790.32	-418.01	-1237.44	-105.56	1219.84	34.83
5997	16.96	-3.97	5.34	-2196.17	-780.56	-2793.80	-98.09	1905.14	135.17
5998	16.68	-5.09	5.34	-2141.76	-799.09	-2640.16	-106.91	1837.04	128.09
5999	16.32	-6.19	5.34	-2105.97	-785.90	-2511.55	-106.02	1790.03	98.85
6000	15.90	-7.27	5.34	-2081.33	-728.53	-2359.93	-155.91	1734.28	102.92
6001	-12.23	-8.10	17.16	-92.20	-103.58	48.20	130.27	21.45	110.00
6002	-11.83	-8.70	17.16	-116.66	-109.15	50.77	143.52	15.68	114.92
6003	-11.44	-8.10	17.16	-144.21	-73.54	-51.17	178.69	-5.02	101.83
6004	-11.07	-8.70	17.16	-173.45	-73.97	-48.83	189.67	-10.26	107.14
6005	-10.65	-8.10	17.16	-237.40	-53.67	-101.08	210.93	-61.66	71.07
6006	-10.30	-8.70	17.16	-266.88	-49.74	-101.50	219.73	-62.92	75.72
6007	-9.86	-8.10	17.16	-386.24	-53.88	-140.88	222.08	-144.74	21.85
6008	-9.54	-8.70	17.16	-410.16	-44.51	-141.94	229.20	-140.66	25.87
6009	-9.07	-8.10	17.16	-609.19	-84.04	-196.83	202.87	-261.92	-50.66
6010	-8.78	-8.70	17.16	-616.84	-66.10	-195.52	211.08	-246.77	-42.67
6011	-8.28	-8.10	17.16	-929.23	-157.52	-299.24	140.43	-432.06	-160.04
6012	-8.01	-8.70	17.16	-908.91	-125.13	-288.44	155.84	-397.52	-138.77
6013	-7.49	-8.10	17.16	-1380.04	-296.76	-499.01	27.36	-687.63	-323.71
6014	-7.25	-8.70	17.16	-1334.32	-224.00	-459.26	50.00	-639.23	-262.09
6015	-6.70	-8.10	17.16	-2053.79	-442.63	-856.33	-118.40	-1118.86	-452.05
6016	-6.49	-8.70	17.16	-2017.71	-422.66	-832.62	-174.00	-1131.36	-492.92
6017	-5.92	-8.10	17.16	-3417.27	-808.82	-1890.79	-513.96	-2351.06	-880.85
6018	-5.72	-8.70	17.16	-3097.69	-856.19	-1858.19	-647.37	-2207.58	-1009.40
6019	-5.13	-8.10	17.16	-6075.72	-2036.64	-7550.83	-1077.16	-6075.73	-1847.40
6020	-4.96	-8.70	17.16	-4766.60	-2416.69	-5709.03	-1714.42	-4439.39	-3589.78
6021	-4.34	-8.10	17.16	-1798.08	-1538.12	-11525.60	233.53	-1366.99	-490.57
6022	-4.20	-8.70	17.16	-3323.97	-2480.65	-9715.28	-937.86	-2695.16	-2864.24
6023	-3.55	-8.10	17.16	-1371.25	-1234.35	-8135.93	236.52	266.48	869.17
6024	-3.43	-8.70	17.16	-1522.13	-1245.13	-9294.72	193.28	-670.87	-260.46
6025	-2.76	-8.10	17.16	-1324.81	-1109.02	-6609.90	42.90	-873.81	774.70
6026	-2.67	-8.70	17.16	-1289.92	-1051.49	-7796.46	38.25	-226.93	-86.92
6027	-1.97	-8.10	17.16	-988.76	-1119.99	-7149.10	8.38	139.39	-8.55
6028	-1.91	-8.70	17.16	-1055.08	-1067.17	-7185.39	69.06	126.82	-41.98
6029	-1.18	-8.10	17.16	-1287.75	-794.46	-4708.50	-23.10	2329.84	141.69
6030	-1.14	-8.70	17.16	-1266.74	-802.11	-4772.97	-15.49	2198.44	194.30
6031	-0.39	-8.10	17.16	-603.83	-184.22	-1580.61	-25.55	653.83	92.91
6032	-0.38	-8.70	17.16	-606.91	-278.76	-1742.12	-13.00	547.23	249.81
6033	-12.70	-8.10	15.47	-101.76	73.77	16.76	14.94	-155.62	190.81
6034	-12.31	-8.70	15.47	-108.62	69.69	15.99	15.63	-172.50	195.44
6035	-11.88	-8.10	15.47	-256.83	46.82	-203.77	-0.84	-270.67	117.17
6036	-11.52	-8.70	15.47	-257.97	42.68	-202.11	-2.28	-282.16	115.80
6037	-11.06	-8.10	15.47	-439.51	8.27	-359.02	-40.44	-410.72	31.97
6038	-10.73	-8.70	15.47	-429.89	2.18	-359.20	-43.27	-413.28	26.88
6039	-10.24	-8.10	15.47	-646.53	-45.77	-504.71	-100.77	-594.15	-79.16

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
6040	-9.93	-8.70	15.47	-623.25	-53.73	-504.35	-103.05	-582.72	-86.07
6041	-9.42	-8.10	15.47	-873.71	-121.45	-693.08	-178.38	-834.56	-228.85
6042	-9.14	-8.70	15.47	-832.73	-128.44	-684.67	-176.16	-800.13	-232.31
6043	-8.60	-8.10	15.47	-1109.94	-225.21	-984.52	-263.07	-1143.87	-429.87
6044	-8.34	-8.70	15.47	-1053.84	-223.62	-952.00	-254.90	-1077.76	-421.90
6045	-7.78	-8.10	15.47	-1335.71	-353.80	-1457.66	-328.70	-1530.88	-683.00
6046	-7.55	-8.70	15.47	-1277.51	-337.81	-1381.58	-326.98	-1435.98	-661.52
6047	-6.96	-8.10	15.47	-1524.40	-507.73	-2257.43	-345.05	-2011.74	-980.20
6048	-6.75	-8.70	15.47	-1449.39	-439.28	-2112.79	-363.32	-1888.84	-945.37
6049	-6.14	-8.10	15.47	-1453.67	-551.10	-3663.02	-211.23	-2499.57	-1209.51
6050	-5.96	-8.70	15.47	-1392.36	-495.89	-3372.56	-319.49	-2338.05	-1281.94
6051	-5.32	-8.10	15.47	-188.58	-170.37	-4825.83	187.32	-1884.83	-1127.36
6052	-5.16	-8.70	15.47	-601.31	-189.69	-4693.93	145.85	-2094.25	-1059.00
6053	-4.51	-8.10	15.47	-492.06	-204.47	-5676.12	318.65	-1501.04	-924.46
6054	-4.37	-8.70	15.47	-325.11	-24.92	-5632.52	554.44	-1547.22	-801.14
6055	-3.69	-8.10	15.47	-738.95	-389.15	-6298.87	306.30	-646.74	-521.96
6056	-3.58	-8.70	15.47	-593.47	-260.48	-6165.93	302.60	-783.20	-585.47
6057	-2.87	-8.10	15.47	-697.62	-467.00	-5943.20	95.94	2.09	-223.48
6058	-2.78	-8.70	15.47	-627.00	-306.63	-6012.94	181.43	-164.99	-268.50
6059	-2.05	-8.10	15.47	-494.10	-445.42	-5161.03	103.72	406.91	-39.46
6060	-1.99	-8.70	15.47	-548.14	-351.57	-5367.68	174.64	377.24	-119.17
6061	-1.23	-8.10	15.47	-711.27	-493.16	-4417.57	116.12	613.39	19.74
6062	-1.19	-8.70	15.47	-746.97	-439.48	-4671.67	197.83	492.19	72.68
6063	-0.41	-8.10	15.47	-1270.10	-586.20	-3690.86	42.68	650.03	112.51
6064	-0.40	-8.70	15.47	-1243.80	-572.42	-4086.65	76.09	581.31	259.97
6065	-13.17	-8.10	13.78	-109.78	160.78	-324.78	-43.55	-344.33	195.21
6066	-12.80	-8.70	13.78	-109.23	157.25	-336.31	-49.72	-363.14	197.70
6067	-12.32	-8.10	13.78	-239.99	124.67	-518.56	-75.44	-528.41	73.02
6068	-11.97	-8.70	13.78	-231.21	118.89	-523.80	-82.92	-536.73	66.73
6069	-11.47	-8.10	13.78	-377.14	82.89	-712.27	-116.18	-705.84	-45.74
6070	-11.15	-8.70	13.78	-357.39	75.45	-713.15	-124.18	-702.80	-57.76
6071	-10.62	-8.10	13.78	-511.59	35.06	-924.94	-163.62	-896.35	-173.98
6072	-10.32	-8.70	13.78	-480.28	26.32	-919.53	-171.00	-878.81	-189.92
6073	-9.77	-8.10	13.78	-627.71	-18.39	-1189.85	-209.86	-1106.48	-320.84
6074	-9.49	-8.70	13.78	-585.77	-27.41	-1171.85	-215.58	-1068.69	-337.28
6075	-8.92	-8.10	13.78	-703.92	-74.27	-1545.19	-241.65	-1328.31	-487.86
6076	-8.67	-8.70	13.78	-656.30	-82.63	-1503.05	-247.03	-1266.83	-503.71
6077	-8.07	-8.10	13.78	-713.60	-125.95	-2027.56	-241.72	-1535.63	-666.23
6078	-7.84	-8.70	13.78	-667.88	-129.92	-1943.95	-248.91	-1452.24	-681.19
6079	-7.22	-8.10	13.78	-616.71	-152.05	-2646.10	-186.50	-1662.65	-825.52
6080	-7.02	-8.70	13.78	-590.69	-156.78	-2501.32	-203.47	-1568.29	-843.14
6081	-6.37	-8.10	13.78	-399.10	-148.81	-3261.69	-76.98	-1575.13	-914.22
6082	-6.19	-8.70	13.78	-417.82	-132.65	-3077.79	-89.23	-1521.67	-914.56
6083	-5.52	-8.10	13.78	-440.36	-195.00	-3848.48	16.06	-1451.21	-913.65
6084	-5.37	-8.70	13.78	-357.01	-132.01	-3619.82	-26.15	-1387.35	-969.54
6085	-4.67	-8.10	13.78	-208.79	-125.88	-4318.73	113.00	-1164.38	-830.23
6086	-4.54	-8.70	13.78	-242.12	-101.51	-4091.58	-8.93	-1151.39	-964.75
6087	-3.82	-8.10	13.78	-88.06	-52.96	-4594.83	176.53	-780.63	-722.25
6088	-3.72	-8.70	13.78	-113.65	-5.41	-4404.40	147.89	-809.24	-874.23
6089	-2.97	-8.10	13.78	-168.87	-52.39	-4642.48	219.85	-319.87	-565.92
6090	-2.89	-8.70	13.78	-154.35	3.09	-4504.06	196.07	-390.92	-714.57
6091	-2.12	-8.10	13.78	-358.02	-81.57	-4433.20	162.00	8.06	-423.34
6092	-2.06	-8.70	13.78	-308.56	0.53	-4379.19	166.29	-76.25	-540.00
6093	-1.27	-8.10	13.78	-470.81	-98.69	-4128.81	107.02	175.38	-318.68
6094	-1.24	-8.70	13.78	-423.31	2.37	-4133.97	112.12	131.31	-436.87
6095	-0.42	-8.10	13.78	-501.49	-101.87	-3868.86	60.02	258.10	-261.77
6096	-0.41	-8.70	13.78	-448.52	21.13	-3883.19	68.49	227.72	-383.02
6097	-13.64	-8.10	12.09	-128.49	168.52	-800.93	-60.94	-470.42	167.96
6098	-13.28	-8.70	12.09	-125.91	165.92	-816.09	-69.00	-486.58	167.32
6099	-12.76	-8.10	12.09	-220.43	135.39	-907.88	-98.03	-661.15	44.16
6100	-12.42	-8.70	12.09	-210.29	129.27	-917.81	-106.88	-664.11	36.51
6101	-11.88	-8.10	12.09	-301.17	102.37	-1056.96	-131.34	-835.07	-77.45
6102	-11.57	-8.70	12.09	-283.16	94.49	-1059.82	-140.46	-825.59	-89.87
6103	-11.00	-8.10	12.09	-366.51	69.87	-1246.34	-160.74	-996.79	-198.93
6104	-10.71	-8.70	12.09	-341.15	60.98	-1239.52	-169.51	-974.85	-215.37
6105	-10.12	-8.10	12.09	-407.47	38.60	-1482.49	-182.19	-1145.08	-322.48
6106	-9.85	-8.70	12.09	-376.77	29.33	-1462.34	-190.33	-1108.73	-341.18
6107	-9.24	-8.10	12.09	-413.87	10.76	-1772.92	-189.76	-1269.53	-446.40
6108	-9.00	-8.70	12.09	-381.55	1.61	-1733.29	-197.98	-1218.54	-467.27
6109	-8.36	-8.10	12.09	-378.90	-9.13	-2115.22	-177.32	-1350.17	-562.92
6110	-8.14	-8.70	12.09	-350.60	-18.34	-2049.03	-187.22	-1289.03	-586.90
6111	-7.48	-8.10	12.09	-309.88	-19.33	-2485.35	-144.59	-1363.24	-659.25
6112	-7.28	-8.70	12.09	-290.31	-27.32	-2391.29	-156.61	-1300.84	-687.21
6113	-6.60	-8.10	12.09	-246.03	-21.48	-2868.02	-98.59	-1317.55	-728.33
6114	-6.43	-8.70	12.09	-227.31	-31.89	-2742.69	-119.04	-1253.94	-770.46
6115	-5.72	-8.10	12.09	-124.35	-0.48	-3219.35	-39.01	-1175.31	-766.97
6116	-5.57	-8.70	12.09	-139.30	-17.52	-3069.37	-60.26	-1131.35	-813.90
6117	-4.84	-8.10	12.09	-85.84	3.81	-3495.59	18.01	-959.52	-767.41
6118	-4.71	-8.70	12.09	-81.10	3.72	-3329.80	14.35	-939.81	-812.22
6119	-3.96	-8.10	12.09	-70.54	14.66	-3661.57	64.72	-711.36	-724.44
6120	-3.86	-8.70	12.09	-64.84	15.79	-3500.37	40.67	-711.58	-781.92
6121	-3.08	-8.10	12.09	-79.66	35.82	-3722.02	84.37	-461.16	-661.67
6122	-3.00	-8.70	12.09	-71.37	44.01	-3574.59	69.40	-476.26	-739.61
6123	-2.20	-8.10	12.09	-123.88	49.02	-3688.87	93.46	-215.06	-590.58
6124	-2.14	-8.70	12.09	-106.06	61.18	-3560.21	81.93	-242.40	-684.12
6125	-1.32	-8.10	12.09	-197.31	53.75	-3569.85	76.60	-4.91	-526.28
6126	-1.29	-8.70	12.09	-167.34	67.76	-3466.14	73.63	-37.89	-619.92
6127	-0.44	-8.10	12.09	-264.74	54.90	-3396.34	50.01	157.02	-477.30
6128	-0.43	-8.70	12.09	-233.30	65.18	-3315.41	52.53	129.81	-565.93
6129	-14.11	-8.10	10.41	-150.83	135.22	-1248.92	-54.72	-553.19	123.10
6130	-13.76	-8.70	10.41	-148.67	134.23	-1258.88	-62.27	-565.41	119.79
6131	-13.20	-8.10	10.41	-216.14	107.73	-1279.72	-91.42	-718.82	19.98
6132	-12.88	-8.70	10.41	-207.56	103.39	-1287.71	-99.39	-718.03	11.84
6133	-12.29	-8.10	10.41	-264.59	82.23	-1359.52	-121.07	-868.15	-85.80
6134	-11.99	-8.70	10.41	-250.51	76.08	-1362.09	-129.14	-855.36	-97.17
6135	-11.38	-8.10	10.41	-295.01	59.53	-1482.91	-143.44	-997.81	-191.06
6136	-11.10	-8.70	10.41	-276.39	52.19	-1476.78	-151.37	-974.41	-205.39
6137	-10.47	-8.10	10.41	-304.99	39.69	-1646.11	-157.17	-1103.08	-294.01
6138	-10.21	-8.70	10.41	-283.64	31.72	-1628.64	-164.75	-1069.10	-310.33

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
6139	-9.56	-8.10	10.41	-292.68	23.18	-1844.48	-160.67	-1176.97	-392.29
6140	-9.32	-8.70	10.41	-271.04	14.69	-1812.47	-168.28	-1133.59	-410.98
6141	-8.65	-8.10	10.41	-259.82	10.69	-2069.61	-152.87	-1211.89	-482.45
6142	-8.44	-8.70	10.41	-240.45	2.27	-2019.80	-160.90	-1162.68	-503.99
6143	-7.74	-8.10	10.41	-212.33	2.82	-2310.87	-133.78	-1202.40	-560.11
6144	-7.55	-8.70	10.41	-196.94	-5.50	-2240.81	-143.44	-1150.75	-584.92
6145	-6.83	-8.10	10.41	-150.45	1.11	-2548.74	-104.34	-1138.47	-619.72
6146	-6.66	-8.70	10.41	-143.08	-5.79	-2459.23	-114.53	-1091.36	-646.96
6147	-5.92	-8.10	10.41	-103.87	2.24	-2762.89	-69.26	-1026.02	-655.84
6148	-5.77	-8.70	10.41	-96.42	-2.42	-2657.31	-81.35	-986.79	-688.86
6149	-5.01	-8.10	10.41	-59.32	12.82	-2933.83	-33.12	-872.46	-668.17
6150	-4.88	-8.70	10.41	-59.83	5.19	-2818.41	-51.18	-844.25	-711.28
6151	-4.10	-8.10	10.41	-41.69	23.88	-3048.12	-3.13	-686.02	-661.34
6152	-4.00	-8.70	10.41	-41.17	18.15	-2927.85	-16.48	-672.64	-712.26
6153	-3.19	-8.10	10.41	-50.16	33.10	-3094.82	19.44	-487.08	-638.34
6154	-3.11	-8.70	10.41	-45.76	27.90	-2978.15	6.02	-487.23	-694.03
6155	-2.28	-8.10	10.41	-77.78	42.09	-3078.27	29.11	-293.38	-605.42
6156	-2.22	-8.70	10.41	-68.77	38.05	-2970.48	19.75	-303.33	-665.83
6157	-1.37	-8.10	10.41	-117.91	48.06	-3009.64	30.35	-112.79	-568.32
6158	-1.33	-8.70	10.41	-103.95	45.88	-2912.82	25.01	-129.55	-633.31
6159	-0.46	-8.10	10.41	-165.54	50.15	-2899.95	23.03	48.71	-532.23
6160	-0.44	-8.70	10.41	-145.88	50.55	-2814.74	22.24	28.19	-599.15
6161	-14.58	-8.10	8.72	-174.32	82.71	-1623.48	-37.39	-612.11	73.26
6162	-14.25	-8.70	8.72	-173.65	83.56	-1624.39	-43.47	-620.36	68.19
6163	-13.64	-8.10	8.72	-224.88	61.21	-1597.20	-70.78	-748.48	-7.95
6164	-13.33	-8.70	8.72	-218.68	59.48	-1599.20	-77.18	-745.16	-16.43
6165	-12.70	-8.10	8.72	-259.24	41.52	-1613.30	-98.37	-870.52	-94.52
6166	-12.41	-8.70	8.72	-248.73	38.19	-1612.98	-104.78	-856.57	-105.30
6167	-11.76	-8.10	8.72	-277.20	24.49	-1667.58	-119.46	-972.98	-182.26
6168	-11.49	-8.70	8.72	-263.51	19.85	-1661.70	-125.79	-950.10	-195.09
6169	-10.82	-8.10	8.72	-278.53	10.20	-1755.38	-133.15	-1050.63	-268.13
6170	-10.57	-8.70	8.72	-263.18	4.63	-1741.64	-139.25	-1019.54	-282.34
6171	-9.88	-8.10	8.72	-263.91	-1.46	-1870.95	-138.94	-1098.62	-349.62
6172	-9.65	-8.70	8.72	-248.54	-7.91	-1847.02	-145.01	-1060.78	-365.64
6173	-8.94	-8.10	8.72	-235.63	-10.19	-2006.63	-136.56	-1113.16	-424.23
6174	-8.73	-8.70	8.72	-221.89	-17.28	-1970.19	-142.85	-1071.46	-442.54
6175	-8.00	-8.10	8.72	-197.14	-15.56	-2152.13	-126.26	-1090.73	-488.72
6176	-7.81	-8.70	8.72	-186.72	-23.18	-2102.26	-133.04	-1048.37	-509.25
6177	-7.05	-8.10	8.72	-156.49	-17.64	-2295.92	-109.43	-1031.17	-540.19
6178	-6.89	-8.70	8.72	-149.22	-25.72	-2232.84	-117.31	-991.07	-563.91
6179	-6.11	-8.10	8.72	-116.40	-16.03	-2425.22	-88.24	-935.72	-577.14
6180	-5.97	-8.70	8.72	-113.56	-24.41	-2350.60	-97.02	-901.32	-604.47
6181	-5.17	-8.10	8.72	-88.16	-13.04	-2528.18	-65.79	-809.48	-598.93
6182	-5.06	-8.70	8.72	-86.51	-20.28	-2444.92	-73.95	-783.51	-629.52
6183	-4.23	-8.10	8.72	-72.52	-7.90	-2595.35	-44.32	-661.92	-605.79
6184	-4.14	-8.70	8.72	-71.82	-15.06	-2507.87	-53.40	-645.19	-640.41
6185	-3.29	-8.10	8.72	-72.91	-1.97	-2622.60	-27.08	-501.30	-600.11
6186	-3.22	-8.70	8.72	-71.15	-8.44	-2534.56	-34.98	-494.18	-639.20
6187	-2.35	-8.10	8.72	-88.96	3.19	-2608.47	-14.85	-337.29	-585.20
6188	-2.30	-8.70	8.72	-84.57	-2.60	-2523.52	-21.63	-338.91	-627.68
6189	-1.41	-8.10	8.72	-117.39	7.28	-2556.24	-8.78	-178.23	-564.49
6190	-1.38	-8.70	8.72	-109.68	1.99	-2476.87	-13.58	-186.72	-609.05
6191	-0.47	-8.10	8.72	-153.82	9.68	-2472.00	-7.68	-28.96	-540.92
6192	-0.46	-8.70	8.72	-143.01	4.70	-2399.25	-10.10	-42.65	-586.29
6193	-15.05	-8.10	7.03	-198.30	21.02	-1932.68	-15.09	-660.33	24.92
6194	-14.73	-8.70	7.03	-199.48	23.84	-1924.23	-19.42	-664.97	18.73
6195	-14.08	-8.10	7.03	-242.33	4.53	-1863.11	-44.24	-773.55	-40.41
6196	-13.78	-8.70	7.03	-238.32	5.65	-1858.13	-48.94	-768.01	-49.18
6197	-13.11	-8.10	7.03	-273.41	-10.89	-1825.19	-70.60	-873.40	-111.88
6198	-12.83	-8.70	7.03	-265.55	-11.09	-1821.06	-75.33	-858.87	-122.61
6199	-12.14	-8.10	7.03	-290.26	-24.27	-1817.42	-92.56	-954.18	-184.97
6200	-11.88	-8.70	7.03	-279.78	-25.78	-1811.26	-97.28	-932.41	-197.35
6201	-11.17	-8.10	7.03	-292.66	-35.31	-1837.63	-108.83	-1011.40	-256.58
6202	-10.93	-8.70	7.03	-280.83	-37.91	-1827.29	-113.38	-983.28	-270.00
6203	-10.20	-8.10	7.03	-281.43	-44.06	-1881.94	-118.73	-1041.71	-324.45
6204	-9.98	-8.70	7.03	-269.60	-47.83	-1865.32	-123.25	-1008.66	-339.32
6205	-9.22	-8.10	7.03	-258.99	-50.48	-1944.36	-122.11	-1043.22	-386.67
6206	-9.03	-8.70	7.03	-248.50	-55.31	-1919.52	-126.75	-1007.69	-403.28
6207	-8.25	-8.10	7.03	-229.16	-54.59	-2017.48	-119.30	-1015.22	-441.15
6208	-8.08	-8.70	7.03	-220.87	-60.35	-1983.43	-124.30	-979.38	-459.44
6209	-7.28	-8.10	7.03	-195.92	-56.36	-2092.80	-111.18	-957.94	-486.23
6210	-7.13	-8.70	7.03	-190.48	-62.73	-2049.43	-116.54	-924.09	-506.30
6211	-6.31	-8.10	7.03	-164.94	-56.13	-2161.49	-99.07	-873.65	-520.74
6212	-6.18	-8.70	7.03	-161.93	-62.94	-2109.65	-104.84	-843.92	-542.82
6213	-5.34	-8.10	7.03	-139.73	-53.93	-2215.34	-84.63	-766.42	-544.15
6214	-5.23	-8.70	7.03	-138.95	-61.27	-2156.79	-91.00	-742.50	-568.63
6215	-4.37	-8.10	7.03	-124.64	-50.66	-2247.84	-69.94	-641.37	-556.84
6216	-4.28	-8.70	7.03	-124.73	-58.04	-2184.81	-76.23	-624.49	-583.72
6217	-3.40	-8.10	7.03	-121.24	-46.82	-2254.55	-56.48	-505.18	-559.85
6218	-3.33	-8.70	7.03	-121.16	-54.19	-2189.69	-62.60	-495.65	-588.89
6219	-2.43	-8.10	7.03	-129.96	-42.93	-2234.07	-45.64	-364.01	-554.68
6220	-2.38	-8.70	7.03	-128.66	-50.17	-2169.76	-51.00	-361.57	-585.63
6221	-1.46	-8.10	7.03	-149.89	-39.65	-2187.12	-37.90	-223.41	-543.15
6222	-1.43	-8.70	7.03	-146.55	-46.62	-2125.36	-42.24	-227.39	-575.44
6223	-0.49	-8.10	7.03	-179.26	-37.31	-2116.25	-33.42	-87.81	-526.95
6224	-0.48	-8.70	7.03	-173.37	-43.95	-2058.47	-36.55	-97.26	-559.84
6225	-15.52	-8.10	5.34	-223.44	-46.59	-2199.45	9.58	-705.12	-19.12
6226	-15.21	-8.70	5.34	-225.85	-41.50	-2182.19	7.07	-705.77	-25.93
6227	-14.52	-8.10	5.34	-268.92	-60.41	-2095.17	-16.69	-807.21	-78.06
6228	-14.23	-8.70	5.34	-266.33	-56.56	-2084.22	-19.72	-799.20	-87.39
6229	-13.52	-8.10	5.34	-304.06	-73.01	-2006.54	-43.56	-891.35	-140.43
6230	-13.25	-8.70	5.34	-297.70	-70.31	-1999.42	-46.72	-876.06	-151.73
6231	-12.52	-8.10	5.34	-325.98	-83.78	-1940.04	-68.13	-953.88	-202.51
6232	-12.27	-8.70	5.34	-317.21	-82.48	-1934.18	-71.43	-933.12	-215.42
6233	-11.52	-8.10	5.34	-333.19	-92.19	-1898.04	-88.25	-992.45	-261.91
6234	-11.29	-8.70	5.34	-323.15	-92.16	-1891.24	-91.47	-967.18	-275.89
6235	-10.51	-8.10	5.34	-326.43	-98.26	-1879.67	-102.73	-1006.15	-317.34
6236	-10.31	-8.70	5.34	-316.39	-99.70	-1869.74	-106.02	-977.60	-332.64
6237	-9.51	-8.10	5.34	-308.23	-102.17	-1881.09	-111.26	-995.28	-367.82



Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
6238	-9.32	-8.70	5.34	-299.44	-105.08	-1866.01	-114.75	-965.35	-384.58
6239	-8.51	-8.10	5.34	-282.16	-104.04	-1896.62	-114.05	-960.53	-412.20
6240	-8.34	-8.70	5.34	-275.38	-108.30	-1875.18	-117.84	-930.78	-430.16
6241	-7.51	-8.10	5.34	-252.50	-104.07	-1919.52	-111.80	-903.13	-449.53
6242	-7.36	-8.70	5.34	-248.09	-109.49	-1891.27	-115.97	-875.06	-468.71
6243	-6.51	-8.10	5.34	-223.32	-102.52	-1942.71	-105.55	-825.14	-479.19
6244	-6.38	-8.70	5.34	-221.31	-108.89	-1907.96	-110.12	-800.24	-499.64
6245	-5.51	-8.10	5.34	-198.67	-99.82	-1959.62	-96.62	-729.58	-500.84
6246	-5.40	-8.70	5.34	-198.55	-106.85	-1919.32	-101.44	-709.06	-522.55
6247	-4.51	-8.10	5.34	-181.44	-96.28	-1964.77	-86.31	-620.34	-514.52
6248	-4.42	-8.70	5.34	-182.56	-103.84	-1920.38	-91.32	-605.05	-537.47
6249	-3.50	-8.10	5.34	-173.77	-92.33	-1954.31	-75.92	-501.69	-520.66
6250	-3.44	-8.70	5.34	-175.25	-100.21	-1907.55	-80.88	-492.09	-544.78
6251	-2.50	-8.10	5.34	-176.61	-88.37	-1926.08	-66.46	-378.13	-520.05
6252	-2.45	-8.70	5.34	-177.56	-96.42	-1878.69	-71.21	-374.25	-545.11
6253	-1.50	-8.10	5.34	-189.95	-84.71	-1879.67	-58.70	-253.78	-513.62
6254	-1.47	-8.70	5.34	-189.59	-92.82	-1833.26	-63.02	-255.31	-539.33
6255	-0.50	-8.10	5.34	-213.11	-81.66	-1816.09	-53.02	-132.12	-502.33
6256	-0.49	-8.70	5.34	-210.77	-89.72	-1771.95	-56.78	-138.57	-528.31
6257	12.23	-8.10	17.16	-47.52	-140.33	48.51	-105.99	-45.89	29.34
6258	11.44	-8.10	17.16	-42.65	-133.06	-7.70	-134.41	-35.34	46.53
6259	10.65	-8.10	17.16	-55.90	-124.93	-38.31	-157.33	-10.23	44.86
6260	9.86	-8.10	17.16	-93.95	-122.63	-61.12	-171.67	27.68	30.17
6261	9.07	-8.10	17.16	-165.05	-132.02	-88.71	-172.68	81.50	2.81
6262	8.28	-8.10	17.16	-280.50	-159.89	-135.38	-154.12	159.85	-41.39
6263	7.49	-8.10	17.16	-458.87	-215.49	-224.59	-111.50	280.07	-109.04
6264	6.70	-8.10	17.16	-748.70	-276.40	-390.14	-46.47	489.52	-171.44
6265	5.92	-8.10	17.16	-1353.38	-432.41	-854.85	136.28	1048.36	-360.98
6266	5.13	-8.10	17.16	-2557.23	-931.31	-3290.11	414.69	2706.80	-774.97
6267	4.34	-8.10	17.16	-915.05	-738.62	-5304.86	-131.25	1023.87	-253.50
6268	3.55	-8.10	17.16	-733.19	-678.83	-4330.10	-174.83	249.38	493.89
6269	2.76	-8.10	17.16	-873.13	-726.31	-4195.96	-74.62	966.77	418.94
6270	1.97	-8.10	17.16	-680.33	-837.65	-5260.40	-49.88	349.54	-29.07
6271	1.18	-8.10	17.16	-851.10	-617.83	-3773.28	-35.73	-1689.78	137.15
6272	0.39	-8.10	17.16	-474.98	-151.32	-1405.49	-30.84	-330.19	100.29
6273	11.83	-8.70	17.16	-61.87	-140.69	50.23	-114.86	-48.10	28.37
6274	11.07	-8.70	17.16	-58.90	-132.85	-5.16	-143.40	-36.13	47.00
6275	10.30	-8.70	17.16	-72.38	-124.80	-37.14	-166.79	-12.19	45.91
6276	9.54	-8.70	17.16	-107.80	-122.19	-60.58	-182.03	24.10	31.56
6277	8.78	-8.70	17.16	-172.20	-130.10	-88.17	-185.27	73.61	6.37
6278	8.01	-8.70	17.16	-276.42	-154.13	-132.37	-171.52	145.02	-32.96
6279	7.25	-8.70	17.16	-444.14	-196.72	-212.54	-132.73	260.86	-87.49
6280	6.49	-8.70	17.16	-733.13	-285.49	-386.23	-36.08	491.74	-191.57
6281	5.72	-8.70	17.16	-1213.72	-476.47	-852.75	180.15	991.44	-420.83
6282	4.96	-8.70	17.16	-1989.32	-1161.64	-2574.89	680.25	2043.21	-1521.19
6283	4.20	-8.70	17.16	-1574.06	-1201.00	-4632.33	375.27	1557.98	-1263.87
6284	3.43	-8.70	17.16	-875.45	-692.14	-5024.79	-119.10	745.20	-165.88
6285	2.67	-8.70	17.16	-817.39	-689.02	-4911.69	-53.88	558.69	-85.69
6286	1.91	-8.70	17.16	-735.73	-804.98	-5293.62	-97.05	324.81	-43.26
6287	1.14	-8.70	17.16	-876.44	-640.04	-3836.50	-48.80	-1592.52	198.04
6288	0.38	-8.70	17.16	-497.65	-252.54	-1573.48	-50.88	-257.18	265.78
6289	12.70	-8.10	15.47	-61.05	-46.64	103.89	-59.43	8.97	71.07
6290	11.88	-8.10	15.47	-134.85	-49.44	-35.50	-63.66	61.72	60.31
6291	11.06	-8.10	15.47	-224.04	-59.61	-132.57	-54.28	129.26	39.26
6292	10.24	-8.10	15.47	-327.66	-77.28	-216.16	-33.82	218.77	2.16
6293	9.42	-8.10	15.47	-445.45	-104.03	-312.83	-4.04	337.08	-55.18
6294	8.60	-8.10	15.47	-575.00	-141.92	-452.68	31.18	491.95	-137.07
6295	7.78	-8.10	15.47	-710.72	-189.67	-675.73	62.26	692.78	-243.93
6296	6.96	-8.10	15.47	-840.88	-248.16	-1054.65	77.32	953.71	-373.33
6297	6.14	-8.10	15.47	-870.13	-268.45	-1729.11	33.32	1246.98	-483.24
6298	5.32	-8.10	15.47	-392.63	-125.42	-2378.94	-128.86	1105.91	-467.07
6299	4.51	-8.10	15.47	-514.91	-156.61	-2961.31	-181.25	1032.46	-386.32
6300	3.69	-8.10	15.47	-631.93	-254.40	-3541.90	-169.95	777.33	-249.68
6301	2.87	-8.10	15.47	-554.89	-325.54	-3767.40	-70.87	471.21	-122.72
6302	2.05	-8.10	15.47	-412.97	-338.69	-3654.41	-102.70	151.70	-12.82
6303	1.23	-8.10	15.47	-673.46	-422.93	-3490.04	-115.03	38.77	42.59
6304	0.41	-8.10	15.47	-1227.48	-554.92	-3367.77	-46.07	65.95	119.46
6305	12.31	-8.70	15.47	-69.14	-47.10	106.37	-63.22	11.20	69.80
6306	11.52	-8.70	15.47	-141.55	-48.62	-30.20	-66.16	62.48	56.81
6307	10.73	-8.70	15.47	-226.83	-59.46	-128.14	-55.94	126.83	34.32
6308	9.93	-8.70	15.47	-325.36	-78.14	-212.70	-35.18	211.51	-3.52
6309	9.14	-8.70	15.47	-436.23	-105.05	-308.53	-6.34	321.29	-59.58
6310	8.34	-8.70	15.47	-559.54	-140.53	-442.29	28.03	464.76	-138.25
6311	7.55	-8.70	15.47	-693.29	-184.13	-652.84	63.53	655.34	-242.68
6312	6.75	-8.70	15.47	-815.84	-224.52	-1010.61	88.32	905.71	-372.37
6313	5.96	-8.70	15.47	-850.63	-250.66	-1631.86	80.47	1182.77	-531.29
6314	5.16	-8.70	15.47	-570.23	-124.71	-2356.86	-111.82	1198.08	-458.51
6315	4.37	-8.70	15.47	-442.79	-66.35	-3000.27	-281.19	1062.77	-360.00
6316	3.58	-8.70	15.47	-544.89	-180.49	-3543.39	-176.77	810.41	-274.69
6317	2.78	-8.70	15.47	-536.53	-229.83	-3848.65	-131.15	540.22	-140.31
6318	1.99	-8.70	15.47	-464.06	-272.72	-3823.97	-154.55	170.29	-46.02
6319	1.19	-8.70	15.47	-702.89	-380.46	-3740.15	-185.39	129.51	109.23
6320	0.40	-8.70	15.47	-1200.85	-541.89	-3759.99	-73.81	105.38	267.64
6321	13.17	-8.10	13.78	-75.13	-5.32	5.55	-39.82	108.54	100.69
6322	12.32	-8.10	13.78	-157.25	-8.44	-145.61	-36.48	205.85	57.19
6323	11.47	-8.10	13.78	-247.39	-15.09	-277.38	-25.98	300.34	13.23
6324	10.62	-8.10	13.78	-341.16	-26.32	-405.25	-8.97	402.44	-37.43
6325	9.77	-8.10	13.78	-430.79	-41.20	-549.77	10.85	516.70	-98.79
6326	8.92	-8.10	13.78	-506.69	-57.93	-734.17	27.86	642.70	-171.82
6327	8.07	-8.10	13.78	-556.32	-73.56	-982.11	34.68	772.89	-253.22
6328	7.22	-8.10	13.78	-559.83	-79.78	-1308.16	21.07	882.46	-330.72
6329	6.37	-8.10	13.78	-504.26	-74.24	-1666.63	-14.03	914.31	-382.54
6330	5.52	-8.10	13.78	-539.97	-90.40	-2055.21	-41.38	933.93	-401.48
6331	4.67	-8.10	13.78	-453.34	-63.34	-2446.18	-72.27	883.25	-391.06
6332	3.82	-8.10	13.78	-382.65	-38.57	-2794.47	-92.51	763.03	-364.91
6333	2.97	-8.10	13.78	-402.99	-42.42	-3058.53	-112.07	582.96	-315.79
6334	2.12	-8.10	13.78	-505.82	-70.31	-3232.39	-74.14	457.25	-269.18
6335	1.27	-8.10	13.78	-558.23	-91.18	-3391.20	-34.25	398.71	-237.92
6336	0.42	-8.10	13.78	-538.93	-100.58	-3620.17	7.27	373.78	-236.01

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
6337	12.80	-8.70	13.78	-80.91	-5.53	4.55	-40.75	114.06	100.28
6338	11.97	-8.70	13.78	-159.43	-8.15	-140.74	-36.08	205.92	52.07
6339	11.15	-8.70	13.78	-244.53	-15.12	-270.27	-24.43	295.10	4.77
6340	10.32	-8.70	13.78	-332.86	-26.57	-396.91	-6.57	391.30	-48.41
6341	9.49	-8.70	13.78	-416.74	-41.33	-539.38	13.76	497.35	-110.85
6342	8.67	-8.70	13.78	-488.37	-57.60	-718.22	32.19	614.03	-185.23
6343	7.84	-8.70	13.78	-536.42	-71.17	-954.48	41.48	735.51	-268.54
6344	7.02	-8.70	13.78	-544.88	-76.89	-1261.36	33.37	840.00	-350.25
6345	6.19	-8.70	13.78	-504.59	-62.15	-1609.81	-2.23	886.79	-399.49
6346	5.37	-8.70	13.78	-495.07	-59.11	-1983.33	-16.47	897.46	-446.53
6347	4.54	-8.70	13.78	-454.89	-43.53	-2371.28	-14.83	862.02	-472.50
6348	3.72	-8.70	13.78	-387.86	-4.03	-2732.81	-74.53	762.00	-460.90
6349	2.89	-8.70	13.78	-386.97	0.69	-3020.90	-93.06	599.99	-410.97
6350	2.06	-8.70	13.78	-469.75	-5.32	-3235.74	-69.80	481.84	-350.33
6351	1.24	-8.70	13.78	-516.35	-1.84	-3421.36	-24.21	396.42	-331.35
6352	0.41	-8.70	13.78	-487.37	17.32	-3643.68	16.42	358.01	-348.28
6353	13.64	-8.10	12.09	-104.35	-9.17	-206.07	-44.19	197.84	119.42
6354	12.76	-8.10	12.09	-180.02	-8.42	-324.16	-38.77	317.83	65.80
6355	11.88	-8.10	12.09	-259.56	-9.49	-441.97	-30.21	424.60	10.62
6356	11.00	-8.10	12.09	-333.37	-11.61	-564.95	-19.90	521.25	-46.14
6357	10.12	-8.10	12.09	-396.61	-14.95	-703.99	-9.12	611.06	-105.99
6358	9.24	-8.10	12.09	-442.60	-18.17	-869.45	-0.71	692.32	-168.48
6359	8.36	-8.10	12.09	-466.31	-19.06	-1067.79	2.18	759.22	-230.76
6360	7.48	-8.10	12.09	-468.27	-16.59	-1296.25	-1.33	802.87	-287.74
6361	6.60	-8.10	12.09	-462.43	-11.57	-1554.62	-8.92	825.73	-336.66
6362	5.72	-8.10	12.09	-421.24	2.69	-1829.45	-21.64	809.34	-375.75
6363	4.84	-8.10	12.09	-399.42	10.32	-2102.94	-33.36	756.58	-400.86
6364	3.96	-8.10	12.09	-380.06	20.61	-2358.09	-41.30	681.16	-409.87
6365	3.08	-8.10	12.09	-362.82	33.03	-2595.78	-35.39	594.90	-412.03
6366	2.20	-8.10	12.09	-345.99	43.10	-2817.31	-26.66	494.27	-413.34
6367	1.32	-8.10	12.09	-334.48	48.95	-3021.23	-4.21	388.44	-422.00
6368	0.44	-8.10	12.09	-309.23	53.32	-3209.83	23.39	276.29	-443.14
6369	13.28	-8.70	12.09	-109.73	-8.07	-206.80	-44.37	203.59	118.87
6370	12.42	-8.70	12.09	-181.17	-8.01	-318.17	-37.46	314.51	60.47
6371	11.57	-8.70	12.09	-254.85	-9.88	-431.97	-28.00	413.51	2.04
6372	10.71	-8.70	12.09	-323.21	-12.49	-552.37	-16.82	503.83	-57.69
6373	9.85	-8.70	12.09	-381.21	-15.97	-689.14	-5.35	586.78	-119.55
6374	9.00	-8.70	12.09	-423.30	-18.97	-850.75	4.30	661.53	-184.52
6375	8.14	-8.70	12.09	-445.59	-19.46	-1042.50	9.16	723.78	-250.04
6376	7.28	-8.70	12.09	-448.23	-16.10	-1263.23	7.85	765.83	-311.01
6377	6.43	-8.70	12.09	-440.04	-11.38	-1510.89	5.05	786.31	-368.51
6378	5.57	-8.70	12.09	-410.83	1.08	-1775.75	-6.08	775.60	-412.88
6379	4.71	-8.70	12.09	-380.49	15.75	-2041.29	-23.86	730.41	-441.13
6380	3.86	-8.70	12.09	-358.89	27.38	-2294.49	-22.24	660.25	-459.52
6381	3.00	-8.70	12.09	-340.47	44.53	-2532.00	-20.35	577.43	-476.12
6382	2.14	-8.70	12.09	-318.52	57.52	-2752.85	-11.47	478.49	-490.82
6383	1.29	-8.70	12.09	-301.23	63.68	-2956.30	6.38	372.09	-504.57
6384	0.43	-8.70	12.09	-276.78	64.12	-3141.13	30.81	253.74	-527.90
6385	14.11	-8.10	10.41	-136.73	-46.16	-461.70	-72.45	281.66	131.54
6386	13.20	-8.10	10.41	-229.91	-41.45	-538.89	-63.72	416.32	78.87
6387	12.29	-8.10	10.41	-304.33	-32.93	-614.00	-57.93	522.18	23.18
6388	11.38	-8.10	10.41	-372.44	-27.43	-698.74	-49.28	608.31	-36.07
6389	10.47	-8.10	10.41	-424.29	-23.26	-798.44	-40.00	673.60	-95.76
6390	9.56	-8.10	10.41	-456.59	-19.68	-920.22	-31.65	720.62	-154.91
6391	8.65	-8.10	10.41	-469.96	-15.94	-1066.53	-25.48	750.65	-212.34
6392	7.74	-8.10	10.41	-466.89	-11.48	-1237.10	-22.21	763.50	-266.33
6393	6.83	-8.10	10.41	-447.28	-5.25	-1426.87	-22.11	755.00	-314.65
6394	5.92	-8.10	10.41	-422.97	1.61	-1629.07	-23.76	725.68	-355.09
6395	5.01	-8.10	10.41	-389.44	11.89	-1836.09	-25.64	676.13	-387.51
6396	4.10	-8.10	10.41	-356.13	21.89	-2041.67	-24.83	606.56	-413.96
6397	3.19	-8.10	10.41	-323.29	31.10	-2238.71	-21.72	521.05	-435.89
6398	2.28	-8.10	10.41	-289.91	39.44	-2425.00	-13.14	423.70	-456.04
6399	1.37	-8.10	10.41	-252.46	45.84	-2599.52	-2.32	313.85	-477.07
6400	0.46	-8.10	10.41	-211.83	49.26	-2760.01	10.60	190.29	-501.59
6401	13.76	-8.70	10.41	-144.56	-42.71	-454.53	-71.91	284.77	129.50
6402	12.88	-8.70	10.41	-228.75	-38.92	-525.23	-63.46	406.29	73.88
6403	11.99	-8.70	10.41	-297.21	-32.69	-597.65	-56.33	502.90	15.22
6404	11.10	-8.70	10.41	-358.93	-28.39	-681.01	-47.15	582.00	-46.22
6405	10.21	-8.70	10.41	-404.99	-25.00	-780.48	-37.54	641.77	-107.65
6406	9.32	-8.70	10.41	-433.46	-21.84	-901.10	-28.36	684.91	-169.31
6407	8.44	-8.70	10.41	-445.13	-18.00	-1044.27	-21.09	712.92	-229.76
6408	7.55	-8.70	10.41	-441.84	-13.40	-1209.58	-16.20	724.77	-287.21
6409	6.66	-8.70	10.41	-424.36	-6.55	-1392.94	-14.89	717.59	-339.05
6410	5.77	-8.70	10.41	-399.42	1.25	-1588.39	-14.83	690.36	-384.73
6411	4.88	-8.70	10.41	-368.80	10.52	-1789.27	-13.48	643.67	-424.53
6412	4.00	-8.70	10.41	-335.55	21.30	-1988.81	-14.08	578.18	-457.81
6413	3.11	-8.70	10.41	-301.69	30.46	-2181.14	-10.41	496.14	-485.39
6414	2.22	-8.70	10.41	-267.76	38.95	-2362.90	-4.09	400.84	-511.23
6415	1.33	-8.70	10.41	-230.17	45.91	-2531.75	4.28	292.18	-538.15
6416	0.44	-8.70	10.41	-189.49	50.31	-2684.84	13.63	169.33	-567.06
6417	14.58	-8.10	8.72	-235.23	-128.72	-748.82	-110.52	385.53	142.03
6418	13.64	-8.10	8.72	-300.76	-93.71	-776.33	-121.54	524.86	100.56
6419	12.70	-8.10	8.72	-416.49	-76.62	-794.31	-109.69	640.97	37.74
6420	11.76	-8.10	8.72	-492.95	-61.54	-809.40	-96.22	701.20	-23.41
6421	10.82	-8.10	8.72	-533.46	-50.42	-851.78	-82.68	730.97	-83.68
6422	9.88	-8.10	8.72	-547.35	-42.26	-924.82	-69.81	742.72	-142.38
6423	8.94	-8.10	8.72	-541.92	-35.75	-1025.66	-58.54	741.12	-198.66
6424	8.00	-8.10	8.72	-521.89	-29.99	-1149.76	-49.48	726.59	-251.26
6425	7.05	-8.10	8.72	-492.12	-24.40	-1292.12	-42.63	698.61	-299.13
6426	6.11	-8.10	8.72	-454.44	-18.33	-1447.18	-37.57	656.04	-341.84
6427	5.17	-8.10	8.72	-413.57	-12.46	-1609.33	-33.46	598.47	-379.32
6428	4.23	-8.10	8.72	-370.25	-6.32	-1773.13	-29.76	526.78	-411.76
6429	3.29	-8.10	8.72	-326.38	-0.52	-1934.37	-25.33	441.34	-440.27
6430	2.35	-8.10	8.72	-282.41	4.32	-2088.77	-20.48	342.86	-466.30
6431	1.41	-8.10	8.72	-238.71	7.90	-2232.70	-15.01	231.92	-491.30
6432	0.47	-8.10	8.72	-195.13	9.87	-2362.14	-10.26	108.07	-516.20
6433	14.25	-8.70	8.72	-235.67	-119.16	-724.54	-116.17	381.78	140.70
6434	13.33	-8.70	8.72	-301.11	-89.86	-745.36	-119.53	505.66	93.44
6435	12.41	-8.70	8.72	-401.47	-74.66	-763.13	-109.82	605.76	32.09

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
6436	11.49	-8.70	8.72	-467.15	-61.58	-784.67	-97.29	660.29	-30.64
6437	10.57	-8.70	8.72	-502.01	-52.31	-832.50	-83.61	688.76	-92.85
6438	9.65	-8.70	8.72	-513.99	-45.20	-907.87	-69.86	700.75	-154.12
6439	8.73	-8.70	8.72	-509.09	-39.19	-1008.00	-57.57	700.29	-213.25
6440	7.81	-8.70	8.72	-491.13	-33.77	-1129.25	-47.43	687.29	-268.65
6441	6.89	-8.70	8.72	-463.72	-28.34	-1267.18	-39.36	661.10	-319.82
6442	5.97	-8.70	8.72	-429.15	-22.36	-1416.88	-33.30	620.93	-366.18
6443	5.06	-8.70	8.72	-390.37	-16.07	-1573.25	-28.97	566.28	-407.32
6444	4.14	-8.70	8.72	-349.22	-9.99	-1731.45	-24.64	497.53	-443.86
6445	3.22	-8.70	8.72	-307.12	-4.10	-1887.03	-20.81	415.09	-476.69
6446	2.30	-8.70	8.72	-264.63	0.71	-2035.73	-16.71	319.49	-506.50
6447	1.38	-8.70	8.72	-222.62	3.98	-2173.61	-12.83	211.20	-534.35
6448	0.46	-8.70	8.72	-181.41	5.39	-2296.34	-10.14	90.30	-561.05
6449	15.05	-8.10	7.03	-177.08	-231.75	-1123.46	-263.49	491.49	203.87
6450	14.08	-8.10	7.03	-602.33	-188.45	-1098.62	-207.99	804.37	99.57
6451	13.11	-8.10	7.03	-728.82	-133.81	-935.10	-179.66	821.53	41.44
6452	12.14	-8.10	7.03	-754.89	-101.71	-862.78	-156.51	796.84	-19.53
6453	11.17	-8.10	7.03	-739.79	-83.59	-853.77	-134.58	768.84	-80.01
6454	10.20	-8.10	7.03	-706.54	-72.38	-888.44	-113.76	741.28	-138.09
6455	9.22	-8.10	7.03	-664.00	-64.53	-954.95	-95.36	711.77	-192.92
6456	8.25	-8.10	7.03	-616.01	-58.73	-1045.57	-79.77	677.35	-243.84
6457	7.28	-8.10	7.03	-564.51	-53.97	-1154.29	-67.04	635.21	-290.46
6458	6.31	-8.10	7.03	-511.37	-49.79	-1275.84	-57.00	583.46	-332.63
6459	5.34	-8.10	7.03	-457.56	-45.90	-1405.38	-49.23	520.97	-370.38
6460	4.37	-8.10	7.03	-404.55	-42.46	-1538.42	-43.12	447.09	-404.03
6461	3.40	-8.10	7.03	-353.08	-39.56	-1670.71	-38.40	361.86	-434.06
6462	2.43	-8.10	7.03	-303.94	-37.38	-1798.48	-34.75	265.36	-461.02
6463	1.46	-8.10	7.03	-257.82	-36.18	-1917.92	-32.42	157.84	-485.41
6464	0.49	-8.10	7.03	-215.84	-36.14	-2025.17	-31.76	39.80	-507.44
6465	14.73	-8.70	7.03	-213.28	-222.93	-1062.08	-231.40	481.21	178.37
6466	13.78	-8.70	7.03	-563.00	-175.29	-1018.56	-217.57	730.90	110.16
6467	12.83	-8.70	7.03	-666.88	-127.40	-889.65	-192.88	749.20	45.51
6468	11.88	-8.70	7.03	-691.25	-100.41	-838.13	-168.07	736.32	-21.66
6469	10.93	-8.70	7.03	-681.18	-85.88	-839.24	-142.72	717.59	-86.28
6470	9.98	-8.70	7.03	-654.52	-76.01	-877.79	-119.15	696.06	-147.61
6471	9.03	-8.70	7.03	-618.72	-68.88	-944.41	-98.79	670.91	-205.35
6472	8.08	-8.70	7.03	-577.02	-63.66	-1032.87	-81.64	639.65	-258.77
6473	7.13	-8.70	7.03	-531.19	-59.13	-1137.88	-67.83	600.15	-307.81
6474	6.18	-8.70	7.03	-482.94	-55.14	-1254.81	-56.98	550.91	-352.49
6475	5.23	-8.70	7.03	-433.55	-51.49	-1379.22	-48.56	491.00	-392.90
6476	4.28	-8.70	7.03	-384.27	-48.16	-1506.86	-42.31	419.89	-429.19
6477	3.33	-8.70	7.03	-336.07	-45.40	-1633.74	-37.67	337.55	-461.70
6478	2.38	-8.70	7.03	-289.90	-43.39	-1756.07	-34.62	244.12	-490.87
6479	1.43	-8.70	7.03	-246.56	-42.38	-1870.12	-33.19	139.99	-516.98
6480	0.48	-8.70	7.03	-207.27	-42.52	-1972.18	-33.66	25.79	-540.09
6481	15.52	-8.10	5.34	-2041.00	-661.42	-2156.18	-277.94	1620.58	154.50
6482	14.52	-8.10	5.34	-1645.12	-307.74	-1156.41	-249.00	1109.73	89.97
6483	13.52	-8.10	5.34	-1359.12	-177.27	-921.69	-238.30	896.86	25.78
6484	12.52	-8.10	5.34	-1155.90	-132.88	-832.05	-214.07	788.11	-33.78
6485	11.52	-8.10	5.34	-1008.31	-113.95	-807.44	-183.33	725.02	-92.49
6486	10.51	-8.10	5.34	-893.85	-103.13	-823.12	-153.53	680.05	-147.20
6487	9.51	-8.10	5.34	-798.47	-95.63	-867.79	-127.76	640.38	-197.95
6488	8.51	-8.10	5.34	-714.52	-90.40	-934.67	-106.22	599.48	-244.68
6489	7.51	-8.10	5.34	-638.13	-86.43	-1018.59	-88.75	553.48	-287.40
6490	6.51	-8.10	5.34	-567.21	-83.27	-1115.00	-75.07	500.06	-326.28
6491	5.51	-8.10	5.34	-501.02	-80.85	-1219.72	-64.67	437.87	-361.45
6492	4.51	-8.10	5.34	-439.32	-79.07	-1328.81	-57.13	366.20	-393.04
6493	3.50	-8.10	5.34	-382.37	-77.97	-1438.56	-52.01	284.74	-421.25
6494	2.50	-8.10	5.34	-330.55	-77.63	-1545.45	-49.10	193.58	-446.28
6495	1.50	-8.10	5.34	-284.48	-78.10	-1646.11	-48.27	93.13	-468.21
6496	0.50	-8.10	5.34	-244.98	-79.43	-1737.34	-49.54	-15.86	-487.00
6497	15.21	-8.70	5.34	-1745.80	-582.09	-1848.16	-525.69	1344.23	257.16
6498	14.23	-8.70	5.34	-1404.01	-248.42	-1083.27	-362.90	962.69	119.29
6499	13.25	-8.70	5.34	-1181.10	-162.50	-899.31	-302.62	808.99	40.21
6500	12.27	-8.70	5.34	-1025.49	-132.03	-823.52	-249.49	728.42	-33.18
6501	11.29	-8.70	5.34	-911.84	-117.82	-804.51	-203.61	679.64	-97.85
6502	10.31	-8.70	5.34	-819.66	-107.84	-821.49	-166.24	641.75	-156.17
6503	9.32	-8.70	5.34	-740.09	-100.92	-865.07	-136.24	606.32	-209.72
6504	8.34	-8.70	5.34	-668.05	-96.36	-929.40	-111.97	568.17	-258.56
6505	7.36	-8.70	5.34	-600.80	-92.72	-1009.67	-92.86	524.22	-303.21
6506	6.38	-8.70	5.34	-537.23	-89.90	-1101.76	-78.10	472.70	-343.94
6507	5.40	-8.70	5.34	-477.06	-87.76	-1201.76	-67.07	412.50	-380.88
6508	4.42	-8.70	5.34	-420.44	-86.24	-1305.97	-59.17	343.03	-414.19
6509	3.44	-8.70	5.34	-367.79	-85.37	-1410.84	-54.03	264.07	-443.98
6510	2.45	-8.70	5.34	-319.69	-85.23	-1513.00	-51.31	175.76	-470.35
6511	1.47	-8.70	5.34	-276.88	-85.91	-1609.23	-50.89	78.57	-493.32
6512	0.49	-8.70	5.34	-240.21	-87.38	-1696.47	-52.69	-26.68	-512.78
6513	-7.92	-9.28	17.16	-833.67	-92.98	-255.09	174.04	-343.39	-103.55
6514	-8.62	-9.26	17.16	-591.69	-52.43	-183.05	218.84	-219.32	-23.80
6515	-9.33	-9.23	17.16	-415.91	-39.58	-136.93	232.58	-130.86	34.24
6516	-7.99	-9.85	17.16	-698.19	-54.36	-209.77	202.68	-258.77	-43.02
6517	-8.62	-9.77	17.16	-530.32	-37.04	-162.14	228.89	-174.39	12.84
6518	-9.23	-9.68	17.16	-400.80	-37.18	-126.30	235.04	-111.75	54.91
6519	-8.07	-10.41	17.16	-590.08	-33.61	-172.23	222.24	-188.63	12.51
6520	-8.60	-10.27	17.16	-479.05	-31.41	-140.85	233.56	-135.49	46.32
6521	-9.13	-10.13	17.16	-385.61	-39.40	-113.98	235.08	-92.79	74.82
6522	-0.38	-9.50	17.16	-1011.97	-780.82	-4486.26	-16.23	317.36	1507.78
6523	-1.14	-9.50	17.16	-1300.54	-932.12	-6107.57	71.74	1083.60	630.37
6524	-1.90	-9.49	17.16	-1219.66	-1011.69	-7628.01	120.27	-64.09	-168.31
6525	-2.66	-9.47	17.16	-1443.37	-1068.85	-8656.20	121.44	-457.80	-366.03
6526	-3.42	-9.46	17.16	-1697.74	-1318.49	-10713.10	53.71	-1081.46	-618.55
6527	-4.18	-9.44	17.16	-5115.53	-1719.30	-7351.14	-670.81	-5041.46	-798.11
6528	-4.93	-9.41	17.16	-3017.66	-1309.98	-2642.80	-593.59	-2236.71	-1515.14
6529	-5.69	-9.38	17.16	-2421.99	-800.35	-1406.94	-470.47	-1618.21	-976.89
6530	-6.44	-9.35	17.16	-1705.36	-359.25	-676.35	-119.70	-922.48	-443.73
6531	-7.19	-9.31	17.16	-1188.28	-179.00	-392.23	76.57	-548.84	-218.48
6532	-0.39	-10.50	17.16	-1413.10	-714.26	-7711.14	-4.82	55.83	-468.93
6533	-1.17	-10.49	17.16	-1450.10	-848.98	-8327.38	50.85	-101.58	-546.93
6534	-1.95	-10.46	17.16	-1503.58	-1088.90	-9386.10	55.20	-480.58	-718.18

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
6535	-2.73	-10.42	17.16	-2998.47	-2079.76	-8114.68	-801.12	-2590.12	-2118.98
6536	-3.50	-10.37	17.16	-2521.56	-2939.79	-6786.59	-1330.33	-1575.02	-4466.52
6537	-4.27	-10.31	17.16	-3983.43	-1997.22	-4265.07	-1506.50	-3696.61	-2977.46
6538	-5.04	-10.23	17.16	-2423.62	-659.54	-1367.94	-443.02	-1544.04	-896.32
6539	-5.80	-10.15	17.16	-1678.09	-425.35	-745.62	-148.46	-901.86	-535.10
6540	-6.56	-10.05	17.16	-1269.05	-227.52	-456.67	16.11	-604.79	-293.45
6541	-7.31	-9.94	17.16	-937.45	-105.44	-293.81	140.07	-390.42	-129.91
6542	-8.04	-11.50	17.16	-1495.77	-2674.56	-4669.78	-423.07	-44.28	-3441.51
6543	-1.20	-11.48	17.16	-1650.43	-2850.44	-5108.00	-636.20	-269.76	-3779.70
6544	-2.00	-11.43	17.16	-1866.85	-3033.40	-5611.93	-1002.25	-772.89	-4328.18
6545	-2.80	-11.37	17.16	-2909.65	-2092.21	-3740.32	-1326.69	-2573.38	-2964.74
6546	-3.59	-11.29	17.16	-2010.22	-968.75	-1430.57	-488.20	-1161.98	-1277.51
6547	-4.37	-11.18	17.16	-1617.08	-811.56	-1043.81	-389.49	-844.63	-1034.92
6548	-5.15	-11.06	17.16	-1606.47	-486.72	-775.57	-246.06	-880.73	-675.11
6549	-5.92	-10.92	17.16	-1246.96	-215.80	-462.57	3.81	-563.81	-306.71
6550	-6.68	-10.75	17.16	-962.64	-114.62	-313.54	121.45	-383.45	-147.45
6551	-7.43	-10.57	17.16	-746.99	-56.73	-225.05	188.59	-265.80	-46.56
6552	-8.41	-12.50	17.16	-981.79	-866.28	-881.90	-273.17	-21.12	-996.60
6553	-1.23	-12.47	17.16	-1100.31	-879.68	-935.44	-305.41	-125.67	-1083.47
6554	-2.05	-12.41	17.16	-1244.92	-842.14	-853.37	-303.51	-363.52	-1023.88
6555	-2.86	-12.32	17.16	-1254.25	-701.12	-820.23	-307.31	-429.06	-905.12
6556	-3.67	-12.20	17.16	-1370.68	-473.58	-733.86	-227.29	-589.38	-671.96
6557	-4.47	-12.06	17.16	-1203.82	-279.66	-512.84	-44.18	-445.74	-398.75
6558	-5.26	-11.88	17.16	-1043.28	-190.42	-387.98	39.22	-372.40	-260.12
6559	-6.04	-11.68	17.16	-917.55	-105.48	-298.66	113.96	-322.50	-134.18
6560	-6.80	-11.46	17.16	-752.88	-51.44	-222.91	182.69	-237.57	-31.81
6561	-7.55	-11.20	17.16	-605.68	-34.19	-169.53	218.37	-170.48	29.94
6562	-0.42	-13.50	17.16	-867.20	-171.67	-368.80	-145.83	-39.91	-236.81
6563	-1.26	-13.46	17.16	-923.96	-169.97	-380.33	-100.97	-81.60	-244.15
6564	-2.10	-13.38	17.16	-950.05	-165.81	-385.66	-57.11	-120.04	-242.08
6565	-2.93	-13.27	17.16	-970.48	-147.93	-360.17	-9.12	-176.30	-211.07
6566	-3.75	-13.12	17.16	-936.62	-112.01	-316.52	43.89	-197.80	-156.25
6567	-4.56	-12.93	17.16	-889.20	-75.68	-275.93	99.88	-210.48	-90.05
6568	-5.36	-12.71	17.16	-797.55	-50.77	-225.64	155.07	-185.11	-25.28
6569	-6.15	-12.45	17.16	-698.69	-40.36	-180.02	189.05	-160.60	22.24
6570	-6.92	-12.16	17.16	-601.03	-35.52	-139.23	213.36	-132.87	62.43
6571	-7.67	-11.84	17.16	-501.18	-40.13	-102.03	227.64	-99.67	91.80
6572	-0.43	-14.50	17.16	-761.25	7.08	-64.43	-50.09	-75.52	72.32
6573	-1.29	-14.45	17.16	-782.13	7.10	-70.07	-0.23	-73.28	75.79
6574	-2.14	-14.36	17.16	-786.37	1.28	-71.45	49.67	-73.84	79.41
6575	-2.99	-14.22	17.16	-769.20	-7.68	-69.24	94.67	-74.84	83.43
6576	-3.83	-14.04	17.16	-737.91	-17.26	-61.50	133.61	-78.70	89.93
6577	-4.66	-13.81	17.16	-687.95	-26.51	-46.96	166.42	-78.65	99.50
6578	-5.47	-13.54	17.16	-627.13	-37.28	-29.73	191.32	-75.15	109.55
6579	-6.26	-13.22	17.16	-557.66	-49.59	-10.60	208.07	-66.54	117.97
6580	-7.04	-12.87	17.16	-486.66	-62.71	8.88	215.98	-57.05	123.78
6581	-7.79	-12.47	17.16	-417.12	-76.12	27.88	217.37	-46.14	127.88
6582	-11.39	-9.32	17.16	-142.45	-112.37	56.49	156.03	7.03	120.12
6583	-10.90	-9.94	17.16	-173.21	-114.48	62.68	167.84	-0.55	122.78
6584	-10.37	-10.54	17.16	-206.84	-114.19	68.83	179.45	-8.05	125.08
6585	-10.70	-9.28	17.16	-200.22	-75.53	-43.40	197.45	-16.69	112.56
6586	-10.35	-9.82	17.16	-226.62	-78.07	-35.06	203.03	-20.50	116.56
6587	-9.98	-10.34	17.16	-253.55	-80.23	-24.29	207.23	-24.70	120.17
6588	-10.02	-9.23	17.16	-287.02	-49.26	-97.94	223.95	-62.83	82.95
6589	-9.81	-9.70	17.16	-299.12	-51.45	-90.23	225.73	-58.22	91.98
6590	-9.58	-10.15	17.16	-314.32	-55.23	-79.88	226.13	-54.56	99.81
6591	-8.50	-12.04	17.16	-354.87	-89.90	43.83	212.94	-34.76	127.78
6592	-8.34	-11.50	17.16	-419.28	-51.48	-73.25	229.69	-72.23	107.61
6593	-8.19	-10.96	17.16	-496.06	-33.93	-134.74	232.76	-122.24	66.11
6594	-9.16	-11.58	17.16	-299.34	-101.98	55.21	205.39	-24.38	127.29
6595	-8.93	-11.15	17.16	-353.39	-63.99	-50.97	225.29	-51.97	115.91
6596	-8.71	-10.73	17.16	-418.09	-42.35	-109.61	234.12	-91.36	85.42
6597	-9.79	-11.08	17.16	-249.48	-111.88	66.14	193.45	-15.21	124.79
6598	-9.50	-10.79	17.16	-295.83	-77.57	-29.27	216.29	-34.94	120.09
6599	-9.22	-10.49	17.16	-350.59	-52.41	-85.28	228.69	-65.61	99.58
6600	-8.25	-9.30	15.47	-950.07	-190.61	-854.08	-233.50	-958.27	-368.86
6601	-8.99	-9.27	15.47	-760.53	-112.62	-638.36	-160.60	-732.85	-205.27
6602	-9.73	-9.24	15.47	-582.04	-49.52	-483.27	-96.76	-554.06	-77.34
6603	-8.35	-9.90	15.47	-792.21	-138.44	-707.34	-190.41	-785.31	-265.86
6604	-8.99	-9.82	15.47	-651.96	-82.05	-560.19	-130.86	-632.65	-145.14
6605	-9.63	-9.72	15.47	-519.23	-35.22	-441.97	-80.41	-506.95	-46.67
6606	-8.43	-10.50	15.47	-641.60	-89.41	-580.12	-145.56	-641.35	-169.41
6607	-8.98	-10.36	15.47	-547.35	-51.91	-482.65	-102.50	-545.88	-87.42
6608	-9.53	-10.20	15.47	-454.52	-19.89	-396.99	-64.60	-462.62	-15.65
6609	-0.40	-9.53	15.47	-1008.16	-109.56	-4571.59	113.79	415.40	-60.58
6610	-1.19	-9.53	15.47	-751.76	-144.60	-5088.61	262.01	306.34	-209.39
6611	-1.99	-9.52	15.47	-617.12	-182.64	-5622.60	230.13	95.08	-447.13
6612	-2.78	-9.50	15.47	-615.12	-145.76	-5947.08	229.00	-440.04	-813.38
6613	-3.57	-9.49	15.47	-497.33	-56.18	-5489.85	148.65	-1179.72	-1210.26
6614	-4.36	-9.46	15.47	-153.00	-252.76	-5012.02	128.23	-1472.61	-1567.02
6615	-5.15	-9.44	15.47	-1180.67	-499.92	-4085.97	-229.34	-2265.62	-1444.54
6616	-5.93	-9.41	15.47	-1310.34	-435.70	-2679.42	-378.14	-1993.62	-1173.35
6617	-6.71	-9.37	15.47	-1304.39	-373.32	-1768.87	-381.15	-1625.55	-854.97
6618	-7.50	-9.33	15.47	-1143.59	-278.57	-1194.64	-310.02	-1251.03	-576.82
6619	-0.41	-10.60	15.47	-723.04	215.15	-4506.72	54.13	228.49	-855.30
6620	-1.23	-10.59	15.47	-644.63	136.72	-4881.86	128.25	69.27	-1067.99
6621	-2.05	-10.56	15.47	-498.94	48.91	-4985.21	134.42	-375.94	-1365.46
6622	-2.86	-10.52	15.47	-316.27	34.06	-4990.26	294.98	-708.41	-1563.17
6623	-3.67	-10.46	15.47	-584.87	35.53	-4446.06	115.90	-1491.55	-1457.75
6624	-4.47	-10.39	15.47	-538.84	-199.93	-3581.50	-239.93	-1574.15	-1501.68
6625	-5.27	-10.31	15.47	-1170.34	-487.82	-2737.91	-466.38	-1834.78	-1358.29
6626	-6.07	-10.22	15.47	-1190.77	-402.82	-1845.69	-429.73	-1546.78	-973.17
6627	-6.85	-10.12	15.47	-1085.98	-298.69	-1288.04	-350.99	-1246.56	-666.48
6628	-7.63	-10.00	15.47	-943.56	-209.28	-931.13	-264.87	-987.13	-431.54
6629	-0.42	-11.67	15.47	-543.21	51.69	-3537.23	80.78	78.96	-1520.58
6630	-1.26	-11.65	15.47	-468.35	16.81	-3716.43	92.17	-157.07	-1643.60
6631	-2.10	-11.60	15.47	-345.81	-20.85	-3619.14	23.98	-578.25	-1661.18
6632	-2.94	-11.53	15.47	-341.23	-362.73	-3446.27	-124.54	-838.46	-1801.07
6633	-3.76	-11.44	15.47	-793.79	-740.13	-3074.61	-379.70	-1310.07	-1824.09

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
6634	-4.58	-11.33	15.47	-906.84	-618.98	-2345.42	-487.62	-1392.33	-1443.98
6635	-5.39	-11.19	15.47	-921.76	-436.90	-1717.17	-449.06	-1273.05	-1034.55
6636	-6.20	-11.04	15.47	-935.33	-329.51	-1268.77	-381.51	-1118.57	-722.59
6637	-6.99	-10.87	15.47	-857.79	-225.45	-947.93	-290.20	-934.60	-476.90
6638	-7.77	-10.68	15.47	-746.94	-144.14	-725.68	-206.81	-767.81	-292.92
6639	-0.43	-12.74	15.47	-474.79	-715.74	-2086.11	15.45	-35.97	-1504.21
6640	-1.30	-12.71	15.47	-444.41	-774.90	-2169.54	-48.58	-233.12	-1583.63
6641	-2.16	-12.64	15.47	-439.37	-814.93	-2155.04	-173.35	-479.62	-1591.72
6642	-3.01	-12.55	15.47	-525.08	-729.79	-1929.74	-315.90	-743.38	-1415.29
6643	-3.85	-12.42	15.47	-580.84	-594.81	-1598.87	-349.78	-837.03	-1151.91
6644	-4.69	-12.26	15.47	-660.75	-492.80	-1327.29	-368.31	-876.05	-918.57
6645	-5.51	-12.08	15.47	-693.77	-355.21	-1082.92	-341.39	-854.17	-681.81
6646	-6.32	-11.86	15.47	-677.24	-232.84	-865.82	-277.54	-781.02	-467.58
6647	-7.12	-11.62	15.47	-632.44	-145.48	-689.20	-208.71	-688.54	-296.18
6648	-7.90	-11.35	15.47	-559.74	-80.61	-548.20	-143.34	-591.94	-162.31
6649	-0.44	-13.81	15.47	-339.50	-487.72	-948.59	-2.77	-85.48	-774.76
6650	-1.33	-13.77	15.47	-330.96	-512.26	-979.80	-48.53	-192.57	-801.59
6651	-2.21	-13.69	15.47	-334.85	-504.58	-974.96	-113.40	-314.26	-786.23
6652	-3.08	-13.56	15.47	-359.78	-455.62	-939.97	-175.11	-425.05	-724.55
6653	-3.94	-13.40	15.47	-405.78	-373.12	-868.14	-213.56	-513.80	-617.51
6654	-4.79	-13.20	15.47	-434.43	-280.28	-762.99	-215.05	-554.23	-486.00
6655	-5.63	-12.96	15.47	-451.55	-196.15	-654.62	-198.89	-561.99	-356.56
6656	-6.45	-12.69	15.47	-448.34	-119.57	-549.53	-165.24	-543.79	-234.61
6657	-7.25	-12.37	15.47	-423.15	-59.95	-449.61	-122.56	-505.24	-126.93
6658	-8.03	-12.03	15.47	-382.19	-18.49	-358.16	-80.92	-455.65	-37.94
6659	-0.45	-14.88	15.47	-220.08	-153.38	-308.12	-11.96	-114.82	-264.29
6660	-1.35	-14.83	15.47	-208.58	-157.37	-326.80	-25.40	-164.19	-268.54
6661	-2.25	-14.73	15.47	-198.97	-151.74	-336.31	-45.29	-218.81	-259.76
6662	-3.14	-14.58	15.47	-197.68	-132.70	-333.00	-67.16	-275.31	-233.36
6663	-4.02	-14.39	15.47	-204.86	-101.94	-316.27	-82.91	-325.03	-189.43
6664	-4.89	-14.14	15.47	-217.53	-66.20	-287.20	-87.35	-362.13	-132.44
6665	-5.73	-13.85	15.47	-226.53	-31.67	-247.00	-80.16	-381.56	-69.38
6666	-6.56	-13.51	15.47	-229.72	-1.91	-200.84	-65.72	-384.63	-7.21
6667	-7.37	-13.13	15.47	-224.53	21.58	-152.31	-46.21	-373.53	50.23
6668	-8.16	-12.70	15.47	-209.95	37.25	-103.86	-25.46	-350.54	100.17
6669	-11.87	-9.34	15.47	-113.94	66.07	17.46	15.59	-191.30	198.46
6670	-11.37	-10.00	15.47	-119.99	62.09	19.81	15.21	-210.79	198.29
6671	-10.83	-10.64	15.47	-127.54	59.62	21.09	14.97	-232.38	196.80
6672	-11.16	-9.29	15.47	-253.21	39.60	-193.25	-3.20	-292.15	116.66
6673	-10.80	-9.87	15.47	-244.02	38.80	-177.02	-2.88	-297.45	119.75
6674	-10.42	-10.43	15.47	-235.39	39.20	-158.47	-3.00	-303.36	122.71
6675	-10.45	-9.25	15.47	-409.22	1.37	-347.50	-41.86	-408.54	30.03
6676	-10.23	-9.74	15.47	-378.84	5.69	-323.40	-36.04	-394.31	41.08
6677	-10.01	-10.22	15.47	-351.42	11.05	-294.80	-31.20	-381.89	52.02
6678	-8.89	-12.24	15.47	-190.78	46.45	-61.15	-8.28	-321.74	137.63
6679	-8.73	-11.67	15.47	-337.48	7.70	-285.12	-48.47	-408.03	26.03
6680	-8.56	-11.09	15.47	-487.11	-39.28	-449.14	-95.69	-512.66	-71.99
6681	-9.58	-11.75	15.47	-169.10	51.60	-26.17	4.65	-291.44	165.83
6682	-9.34	-11.30	15.47	-295.59	22.81	-228.54	-25.99	-366.51	71.11
6683	-9.10	-10.85	15.47	-426.09	-14.66	-378.23	-64.72	-454.46	-13.36
6684	-10.24	-11.22	15.47	-145.01	55.81	6.06	12.49	-259.76	186.27
6685	-9.93	-10.90	15.47	-253.51	34.07	-174.78	-9.31	-326.65	107.95
6686	-9.63	-10.59	15.47	-365.98	5.31	-311.53	-40.31	-401.61	35.93
6687	-8.59	-9.32	13.78	-590.99	-71.75	-1373.88	-242.98	-1162.39	-471.85
6688	-9.36	-9.29	13.78	-527.33	-22.56	-1101.45	-211.12	-999.90	-320.96
6689	-10.12	-9.26	13.78	-437.92	26.16	-885.22	-170.75	-842.89	-186.58
6690	-8.70	-9.96	13.78	-503.76	-46.45	-1176.34	-227.92	-1016.01	-390.57
6691	-9.37	-9.87	13.78	-449.83	-5.02	-985.88	-196.34	-899.81	-268.61
6692	-10.03	-9.77	13.78	-382.78	34.74	-824.43	-162.11	-786.98	-157.68
6693	-8.80	-10.60	13.78	-409.11	-17.42	-1000.05	-205.67	-883.95	-302.76
6694	-9.37	-10.44	13.78	-371.85	14.40	-875.30	-179.77	-807.88	-211.96
6695	-9.93	-10.27	13.78	-327.03	44.66	-764.53	-152.60	-731.02	-124.77
6696	-0.41	-9.57	13.78	-386.83	91.59	-3785.23	73.53	182.97	-615.71
6697	-1.24	-9.56	13.78	-328.10	94.79	-3998.18	106.36	38.56	-696.03
6698	-2.07	-9.55	13.78	-221.58	90.80	-4154.67	153.65	-205.79	-813.60
6699	-2.89	-9.54	13.78	-117.62	51.31	-4152.98	139.41	-535.50	-929.95
6700	-3.72	-9.52	13.78	-159.86	-36.88	-4009.44	96.04	-860.74	-1013.33
6701	-4.54	-9.49	13.78	-321.80	-50.93	-3650.92	-27.69	-1163.54	-1012.62
6702	-5.36	-9.46	13.78	-265.09	-65.49	-3201.66	-84.91	-1299.46	-997.66
6703	-6.18	-9.43	13.78	-458.70	-138.95	-2730.55	-170.41	-1455.38	-929.67
6704	-6.99	-9.39	13.78	-567.73	-144.04	-2195.21	-233.86	-1433.57	-801.97
6705	-7.80	-9.35	13.78	-612.39	-117.10	-1734.43	-256.15	-1319.02	-637.26
6706	-0.43	-10.71	13.78	-290.07	76.44	-3406.96	88.14	97.46	-941.22
6707	-1.29	-10.69	13.78	-214.43	64.50	-3546.88	104.62	-107.79	-1027.12
6708	-2.14	-10.66	13.78	-167.86	25.41	-3618.38	92.88	-345.96	-1110.26
6709	-2.99	-10.61	13.78	-165.76	-38.86	-3533.59	-16.34	-654.78	-1151.82
6710	-3.83	-10.55	13.78	-168.21	-120.50	-3325.45	-77.14	-892.26	-1162.68
6711	-4.67	-10.48	13.78	-315.56	-158.37	-3015.76	-103.69	-1132.16	-1108.82
6712	-5.50	-10.39	13.78	-328.08	-133.23	-2604.21	-177.83	-1240.62	-1012.10
6713	-6.33	-10.30	13.78	-463.51	-146.06	-2181.72	-243.72	-1303.38	-874.44
6714	-7.15	-10.19	13.78	-528.82	-127.58	-1768.28	-263.46	-1246.01	-704.27
6715	-7.96	-10.06	13.78	-535.32	-89.38	-1429.89	-253.37	-1136.82	-535.92
6716	-0.44	-11.85	13.78	-201.40	-68.74	-2748.44	60.17	4.17	-1107.03
6717	-1.33	-11.82	13.78	-157.63	-99.70	-2830.22	34.55	-201.39	-1167.16
6718	-2.20	-11.76	13.78	-156.69	-153.80	-2844.36	-5.66	-410.55	-1213.58
6719	-3.07	-11.69	13.78	-167.60	-143.82	-2756.13	-55.01	-642.90	-1196.21
6720	-3.94	-11.59	13.78	-142.51	-97.01	-2562.75	-118.74	-837.39	-1121.14
6721	-4.79	-11.47	13.78	-247.11	-142.91	-2311.01	-184.52	-1008.06	-1036.47
6722	-5.64	-11.33	13.78	-350.01	-167.89	-2000.99	-246.11	-1093.11	-909.74
6723	-6.47	-11.17	13.78	-410.41	-140.19	-1687.10	-266.31	-1097.35	-745.44
6724	-7.30	-10.98	13.78	-441.32	-100.89	-1407.55	-259.07	-1047.46	-577.83
6725	-8.11	-10.78	13.78	-436.09	-56.39	-1172.79	-234.16	-965.98	-423.28
6726	-0.45	-12.99	13.78	-131.02	-142.37	-1979.24	39.05	-61.58	-1051.53
6727	-1.36	-12.95	13.78	-105.85	-157.17	-2035.19	-1.37	-227.75	-1084.33
6728	-2.26	-12.88	13.78	-95.98	-167.74	-2028.07	-51.90	-404.54	-1081.24
6729	-3.15	-12.77	13.78	-108.39	-201.98	-1972.31	-104.80	-570.34	-1060.21
6730	-4.04	-12.64	13.78	-163.58	-223.64	-1859.04	-179.14	-730.12	-997.05
6731	-4.91	-12.47	13.78	-219.24	-194.48	-1677.97	-226.95	-838.85	-871.82
6732	-5.77	-12.27	13.78	-272.73	-154.30	-1474.75	-247.49	-888.01	-722.39

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
6733	-6.61	-12.04	13.78	-312.76	-109.67	-1280.18	-247.90	-892.00	-572.10
6734	-7.44	-11.78	13.78	-329.15	-62.12	-1103.27	-230.26	-862.50	-428.77
6735	-8.25	-11.50	13.78	-324.40	-18.07	-947.57	-202.99	-810.72	-297.78
6736	-0.47	-14.13	13.78	-78.67	-224.93	-1276.74	11.49	-101.48	-806.73
6737	-1.39	-14.08	13.78	-61.05	-234.47	-1320.81	-29.17	-222.01	-826.31
6738	-2.31	-13.99	13.78	-55.81	-233.97	-1331.86	-77.01	-348.73	-816.20
6739	-3.23	-13.86	13.78	-66.93	-217.25	-1300.52	-127.04	-471.45	-768.83
6740	-4.13	-13.69	13.78	-91.04	-187.47	-1235.24	-167.69	-572.10	-691.06
6741	-5.02	-13.47	13.78	-128.11	-148.77	-1150.89	-197.11	-648.13	-593.39
6742	-5.89	-13.21	13.78	-163.71	-101.53	-1051.42	-208.21	-693.99	-481.34
6743	-6.74	-12.92	13.78	-191.25	-54.49	-945.48	-203.68	-709.22	-365.72
6744	-7.58	-12.59	13.78	-207.30	-11.55	-841.34	-188.17	-699.60	-255.00
6745	-8.39	-12.22	13.78	-209.89	26.05	-742.89	-166.06	-671.07	-153.15
6746	-0.47	-15.27	13.78	-10.37	-123.60	-766.06	-14.51	-111.21	-403.01
6747	-1.42	-15.22	13.78	5.96	-124.60	-804.31	-40.81	-189.01	-408.40
6748	-2.36	-15.11	13.78	15.19	-116.86	-827.47	-71.21	-271.11	-396.53
6749	-3.29	-14.95	13.78	13.76	-99.71	-833.36	-101.68	-351.99	-366.04
6750	-4.21	-14.74	13.78	1.03	-74.09	-820.16	-127.66	-425.52	-317.52
6751	-5.12	-14.48	13.78	-19.63	-42.63	-788.78	-145.14	-484.71	-254.85
6752	-6.00	-14.16	13.78	-44.76	-8.89	-743.67	-152.89	-526.25	-183.84
6753	-6.87	-13.80	13.78	-68.86	24.28	-688.94	-150.78	-548.58	-109.64
6754	-7.71	-13.39	13.78	-88.04	54.16	-628.86	-140.99	-552.17	-37.47
6755	-8.52	-12.94	13.78	-100.08	79.66	-567.93	-126.40	-539.10	29.29
6756	-12.36	-9.36	13.78	-107.17	152.62	-350.39	-56.76	-381.56	196.21
6757	-11.85	-10.07	13.78	-103.79	145.92	-366.41	-63.96	-400.90	191.15
6758	-11.29	-10.74	13.78	-100.48	139.31	-384.98	-71.45	-422.60	184.06
6759	-11.62	-9.31	13.78	-217.57	113.53	-523.12	-89.25	-540.46	63.87
6760	-11.25	-9.92	13.78	-198.81	110.08	-516.97	-93.70	-537.58	65.95
6761	-10.86	-10.52	13.78	-180.28	106.96	-512.05	-97.71	-534.89	68.10
6762	-10.87	-9.26	13.78	-330.30	71.82	-699.71	-127.57	-689.59	-58.57
6763	-10.66	-9.79	13.78	-295.79	73.22	-672.37	-126.53	-664.63	-47.46
6764	-10.43	-10.30	13.78	-262.71	75.22	-643.85	-125.44	-640.99	-34.75
6765	-9.29	-12.45	13.78	-105.67	99.81	-511.86	-110.63	-515.59	84.37
6766	-9.11	-11.83	13.78	-203.93	55.04	-662.08	-144.39	-635.06	-72.30
6767	-8.93	-11.22	13.78	-306.58	16.29	-831.25	-176.59	-755.23	-197.81
6768	-10.00	-11.92	13.78	-106.43	115.93	-462.10	-95.57	-487.10	128.91
6769	-9.74	-11.44	13.78	-194.09	77.01	-598.19	-125.51	-597.73	-10.06
6770	-9.49	-10.96	13.78	-285.27	41.96	-746.38	-155.06	-706.09	-124.88
6771	-10.68	-11.36	13.78	-102.31	129.80	-416.36	-81.93	-452.95	164.73
6772	-10.36	-11.02	13.78	-179.85	96.47	-538.42	-107.81	-556.43	44.94
6773	-10.04	-10.69	13.78	-259.81	65.19	-667.54	-134.62	-655.23	-58.98
6774	-8.93	-9.34	12.09	-345.78	0.41	-1620.71	-203.22	-1141.93	-451.14
6775	-9.73	-9.31	12.09	-339.75	27.31	-1395.77	-193.07	-1049.61	-331.44
6776	-10.52	-9.27	12.09	-310.47	57.54	-1207.31	-173.17	-937.55	-213.63
6777	-9.05	-10.01	12.09	-304.16	5.48	-1449.38	-203.89	-1036.48	-393.23
6778	-9.74	-9.91	12.09	-295.97	31.62	-1291.15	-190.49	-965.46	-289.46
6779	-10.43	-9.81	12.09	-274.38	59.12	-1154.26	-171.56	-882.42	-187.89
6780	-9.16	-10.69	12.09	-255.46	14.79	-1296.86	-198.06	-931.97	-320.47
6781	-9.75	-10.52	12.09	-250.62	38.23	-1196.05	-184.83	-882.94	-238.97
6782	-10.34	-10.35	12.09	-238.34	61.90	-1107.10	-168.21	-825.02	-156.73
6783	-0.43	-9.60	12.09	-180.84	72.06	-3130.92	54.88	77.23	-706.22
6784	-1.29	-9.60	12.09	-128.00	63.79	-3252.36	65.58	-97.15	-758.99
6785	-2.15	-9.58	12.09	-83.43	46.25	-3313.28	55.13	-297.62	-810.11
6786	-3.01	-9.57	12.09	-65.89	23.91	-3306.12	33.77	-510.99	-852.26
6787	-3.87	-9.55	12.09	-59.46	8.18	-3211.90	-8.10	-730.84	-873.70
6788	-4.72	-9.52	12.09	-75.36	-23.84	-3034.28	-44.54	-933.22	-876.00
6789	-5.57	-9.49	12.09	-166.76	-45.03	-2781.26	-100.46	-1095.12	-841.89
6790	-6.42	-9.46	12.09	-211.60	-39.55	-2483.97	-144.87	-1179.80	-774.27
6791	-7.27	-9.42	12.09	-276.05	-36.31	-2183.60	-179.51	-1221.52	-681.38
6792	-8.11	-9.37	12.09	-323.62	-22.07	-1886.30	-199.74	-1204.36	-570.38
6793	-0.45	-10.81	12.09	-120.34	35.50	-2775.48	45.70	7.45	-860.21
6794	-1.34	-10.79	12.09	-84.96	22.70	-2869.31	35.84	-166.80	-903.62
6795	-2.23	-10.75	12.09	-52.40	6.12	-2900.67	12.02	-362.48	-933.78
6796	-3.12	-10.70	12.09	-40.93	-12.17	-2864.81	-9.29	-560.45	-950.12
6797	-4.00	-10.64	12.09	-64.60	-25.68	-2756.89	-54.41	-752.73	-941.39
6798	-4.87	-10.56	12.09	-88.25	-38.01	-2579.92	-112.00	-912.76	-897.86
6799	-5.73	-10.47	12.09	-161.57	-55.79	-2361.20	-150.10	-1032.09	-825.08
6800	-6.59	-10.37	12.09	-208.44	-52.48	-2118.44	-181.23	-1093.87	-733.87
6801	-7.44	-10.25	12.09	-259.38	-41.06	-1876.25	-202.86	-1115.18	-626.07
6802	-8.28	-10.12	12.09	-293.13	-20.17	-1644.55	-209.66	-1091.13	-506.87
6803	-0.46	-12.02	12.09	-73.73	-35.79	-2304.05	32.47	-50.50	-923.84
6804	-1.39	-11.99	12.09	-47.14	-47.00	-2376.43	9.60	-212.90	-958.15
6805	-2.30	-11.93	12.09	-25.69	-55.79	-2396.21	-24.61	-388.30	-970.53
6806	-3.21	-11.85	12.09	-26.41	-74.57	-2356.82	-69.89	-563.43	-957.89
6807	-4.11	-11.74	12.09	-62.88	-96.69	-2263.85	-112.47	-719.56	-918.87
6808	-5.00	-11.62	12.09	-93.62	-89.65	-2126.13	-152.00	-842.59	-849.30
6809	-5.88	-11.47	12.09	-137.88	-75.81	-1960.54	-181.09	-933.33	-757.75
6810	-6.75	-11.29	12.09	-186.30	-61.58	-1779.68	-202.90	-982.78	-652.51
6811	-7.60	-11.10	12.09	-224.42	-39.51	-1599.35	-211.85	-993.17	-538.13
6812	-8.44	-10.88	12.09	-248.22	-12.02	-1430.90	-208.69	-971.53	-420.85
6813	-0.48	-13.23	12.09	-37.42	-119.76	-1799.17	12.36	-92.99	-857.28
6814	-1.43	-13.19	12.09	-16.61	-129.57	-1855.71	-19.72	-233.68	-879.97
6815	-2.37	-13.11	12.09	-8.55	-137.12	-1875.64	-57.52	-377.84	-880.14
6816	-3.30	-13.00	12.09	-14.82	-130.64	-1854.23	-100.06	-518.19	-850.11
6817	-4.22	-12.85	12.09	-32.11	-115.99	-1794.68	-136.26	-641.55	-793.72
6818	-5.13	-12.67	12.09	-66.57	-104.00	-1708.40	-169.30	-742.18	-720.12
6819	-6.02	-12.46	12.09	-106.95	-84.94	-1601.07	-193.60	-814.35	-629.57
6820	-6.90	-12.22	12.09	-144.40	-58.54	-1482.26	-205.52	-854.16	-526.71
6821	-7.76	-11.95	12.09	-174.52	-28.44	-1363.09	-206.43	-864.13	-419.26
6822	-8.60	-11.64	12.09	-193.78	3.42	-1250.63	-197.87	-849.36	-312.14
6823	-0.49	-14.44	12.09	-4.13	-144.25	-1356.83	-7.07	-115.59	-668.89
6824	-1.46	-14.39	12.09	12.40	-148.29	-1406.95	-38.89	-226.61	-680.63
6825	-2.42	-14.30	12.09	18.95	-145.94	-1433.51	-74.05	-339.33	-671.79
6826	-3.38	-14.15	12.09	13.34	-138.14	-1437.17	-109.29	-447.28	-643.30
6827	-4.32	-13.97	12.09	-4.62	-122.57	-1417.38	-142.53	-545.55	-594.49
6828	-5.24	-13.74	12.09	-30.29	-98.02	-1375.12	-168.22	-626.06	-526.59
6829	-6.15	-13.47	12.09	-60.80	-68.52	-1317.46	-184.61	-684.52	-446.03
6830	-7.04	-13.15	12.09	-91.05	-36.13	-1251.03	-191.05	-720.17	-358.67
6831	-7.91	-12.80	12.09	-116.58	-2.75	-1181.17	-188.33	-733.66	-269.17

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
6832	-8.75	-12.41	12.09	-135.02	29.81	-1112.28	-178.45	-727.43	-181.38
6833	-0.50	-15.66	12.09	22.91	-107.81	-1072.90	-23.12	-116.76	-402.01
6834	-1.49	-15.60	12.09	37.01	-107.10	-1124.16	-48.45	-198.78	-406.26
6835	-2.47	-15.48	12.09	43.82	-100.05	-1161.38	-75.83	-282.81	-396.09
6836	-3.44	-15.31	12.09	42.00	-86.11	-1182.31	-102.96	-364.86	-370.89
6837	-4.40	-15.09	12.09	31.40	-65.86	-1186.66	-127.00	-440.08	-331.77
6838	-5.35	-14.81	12.09	13.15	-40.58	-1175.72	-145.68	-504.51	-281.06
6839	-6.27	-14.48	12.09	-9.74	-11.84	-1151.43	-157.19	-554.66	-221.67
6840	-7.17	-14.09	12.09	-34.14	18.00	-1116.95	-161.10	-588.55	-157.55
6841	-8.05	-13.66	12.09	-56.97	47.08	-1075.96	-158.07	-605.97	-92.59
6842	-8.89	-13.18	12.09	-75.83	74.20	-1032.35	-149.46	-607.51	-29.54
6843	-12.84	-9.38	12.09	-122.11	161.42	-836.03	-78.12	-501.19	161.41
6844	-12.32	-10.13	12.09	-116.18	154.05	-859.06	-87.63	-516.25	151.09
6845	-11.75	-10.84	12.09	-109.39	145.85	-883.45	-97.59	-532.60	137.93
6846	-12.07	-9.33	12.09	-196.79	123.41	-925.02	-114.53	-661.20	31.80
6847	-11.70	-9.98	12.09	-178.75	118.50	-930.37	-120.54	-651.39	31.80
6848	-11.30	-10.61	12.09	-160.66	113.43	-938.09	-125.62	-641.69	30.96
6849	-11.30	-9.28	12.09	-261.22	89.37	-1051.57	-145.88	-805.91	-91.35
6850	-11.08	-9.83	12.09	-234.45	87.56	-1033.85	-147.96	-775.01	-80.99
6851	-10.85	-10.37	12.09	-207.76	86.17	-1017.86	-149.16	-745.33	-69.09
6852	-9.68	-12.66	12.09	-89.64	97.41	-990.12	-137.69	-597.55	25.55
6853	-9.50	-12.00	12.09	-145.90	57.39	-1054.05	-165.43	-709.50	-107.83
6854	-9.31	-11.35	12.09	-201.63	30.76	-1163.37	-185.32	-820.82	-224.52
6855	-10.42	-12.10	12.09	-99.34	117.20	-950.56	-124.50	-580.57	72.81
6856	-10.15	-11.58	12.09	-151.71	80.30	-1006.89	-151.45	-685.86	-48.33
6857	-9.89	-11.08	12.09	-202.36	53.54	-1098.71	-171.98	-788.75	-156.69
6858	-11.12	-11.50	12.09	-104.47	134.35	-913.43	-110.36	-555.87	113.04
6859	-10.78	-11.14	12.09	-152.56	101.53	-963.00	-136.07	-655.26	6.18
6860	-10.45	-10.79	12.09	-198.29	75.04	-1039.19	-156.88	-750.82	-93.42
6861	-9.27	-9.35	10.41	-249.85	9.96	-1730.04	-174.46	-1073.43	-400.45
6862	-10.09	-9.32	10.41	-260.31	27.57	-1579.26	-168.87	-1018.41	-303.38
6863	-10.92	-9.29	10.41	-255.30	48.30	-1453.87	-155.44	-938.83	-204.47
6864	-9.40	-10.06	10.41	-228.38	8.73	-1608.92	-177.89	-992.00	-355.39
6865	-10.12	-9.96	10.41	-235.09	27.48	-1506.09	-169.37	-947.92	-269.51
6866	-10.83	-9.86	10.41	-232.00	47.94	-1419.10	-155.64	-888.55	-183.47
6867	-9.52	-10.78	10.41	-202.34	11.56	-1505.36	-175.95	-907.51	-296.19
6868	-10.13	-10.60	10.41	-208.38	29.89	-1443.80	-166.58	-876.88	-228.03
6869	-10.74	-10.42	10.41	-208.76	48.94	-1391.39	-153.78	-835.89	-158.26
6870	-0.45	-9.64	10.41	-118.17	33.73	-2640.49	18.36	-6.90	-690.93
6871	-1.34	-9.63	10.41	-81.61	28.40	-2726.56	13.46	-162.99	-722.37
6872	-2.24	-9.62	10.41	-53.56	20.00	-2771.73	2.93	-330.97	-748.33
6873	-3.13	-9.60	10.41	-36.79	9.80	-2767.00	-16.73	-505.72	-764.31
6874	-4.02	-9.58	10.41	-40.54	-3.11	-2709.95	-41.77	-675.14	-766.84
6875	-4.90	-9.55	10.41	-64.29	-11.08	-2604.48	-75.46	-826.07	-749.78
6876	-5.79	-9.52	10.41	-92.91	-16.91	-2458.61	-106.99	-950.80	-712.73
6877	-6.67	-9.48	10.41	-142.54	-20.82	-2283.28	-136.63	-1042.22	-656.24
6878	-7.55	-9.44	10.41	-186.04	-15.52	-2092.32	-158.72	-1089.89	-582.21
6879	-8.42	-9.39	10.41	-224.12	-5.10	-1903.69	-171.52	-1099.40	-494.82
6880	-0.47	-10.92	10.41	-84.21	-6.30	-2348.14	9.92	-54.07	-774.69
6881	-1.40	-10.89	10.41	-53.34	-12.47	-2421.65	-4.01	-207.84	-801.63
6882	-2.33	-10.85	10.41	-34.85	-21.25	-2454.32	-23.55	-368.13	-816.81
6883	-3.25	-10.80	10.41	-30.07	-30.82	-2442.77	-51.95	-527.80	-815.24
6884	-4.16	-10.73	10.41	-38.72	-39.83	-2386.76	-81.60	-677.73	-794.61
6885	-5.06	-10.65	10.41	-67.40	-45.50	-2293.09	-110.02	-806.98	-756.73
6886	-5.96	-10.55	10.41	-98.98	-43.20	-2169.22	-139.23	-908.63	-700.42
6887	-6.85	-10.44	10.41	-141.13	-37.47	-2027.29	-161.35	-978.70	-626.58
6888	-7.73	-10.32	10.41	-178.19	-25.79	-1878.49	-175.31	-1013.28	-540.69
6889	-8.60	-10.18	10.41	-209.12	-9.66	-1734.13	-180.61	-1016.53	-446.87
6890	-0.48	-12.20	10.41	-57.04	-63.63	-2007.56	-2.32	-93.85	-788.24
6891	-1.45	-12.16	10.41	-32.99	-69.41	-2071.49	-24.25	-235.59	-808.49
6892	-2.41	-12.10	10.41	-21.56	-75.54	-2100.30	-50.70	-380.25	-811.69
6893	-3.35	-12.01	10.41	-23.06	-77.95	-2093.95	-79.16	-519.60	-796.58
6894	-4.29	-11.90	10.41	-34.73	-75.19	-2053.80	-109.70	-647.90	-761.96
6895	-5.21	-11.76	10.41	-61.91	-72.16	-1984.68	-137.58	-757.11	-709.13
6896	-6.13	-11.60	10.41	-94.75	-63.86	-1894.71	-160.57	-839.82	-640.69
6897	-7.03	-11.42	10.41	-129.08	-49.41	-1793.52	-175.62	-895.33	-560.05
6898	-7.91	-11.21	10.41	-161.18	-30.98	-1688.88	-182.98	-923.09	-471.24
6899	-8.78	-10.98	10.41	-187.02	-9.28	-1587.60	-182.39	-924.97	-378.08
6900	-0.50	-13.48	10.41	-35.78	-112.62	-1667.12	-15.32	-121.63	-717.81
6901	-1.49	-13.43	10.41	-17.82	-116.45	-1725.72	-40.83	-244.04	-731.53
6902	-2.47	-13.35	10.41	-9.84	-116.44	-1758.76	-69.77	-367.58	-726.93
6903	-3.45	-13.23	10.41	-13.52	-113.84	-1765.95	-99.20	-485.88	-704.27
6904	-4.40	-13.07	10.41	-29.02	-106.73	-1749.26	-127.60	-592.75	-663.90
6905	-5.35	-12.88	10.41	-51.69	-92.30	-1711.90	-150.99	-682.65	-606.91
6906	-6.28	-12.66	10.41	-79.57	-73.38	-1659.83	-168.08	-751.89	-537.34
6907	-7.19	-12.40	10.41	-109.31	-51.38	-1599.08	-178.11	-798.88	-459.18
6908	-8.08	-12.11	10.41	-136.78	-26.82	-1535.07	-180.59	-823.45	-375.78
6909	-8.95	-11.79	10.41	-159.13	-0.85	-1472.67	-175.99	-826.97	-289.99
6910	-0.51	-14.76	10.41	-20.33	-133.20	-1386.85	-26.64	-134.84	-571.66
6911	-1.53	-14.70	10.41	-6.40	-134.63	-1444.04	-51.71	-235.19	-579.53
6912	-2.53	-14.60	10.41	-0.93	-130.88	-1484.93	-78.62	-335.71	-571.76
6913	-3.53	-14.45	10.41	-4.37	-120.78	-1508.37	-105.32	-432.11	-547.83
6914	-4.51	-14.25	10.41	-16.20	-105.06	-1515.17	-129.03	-519.48	-509.12
6915	-5.47	-14.01	10.41	-35.40	-85.24	-1507.79	-148.25	-594.21	-458.26
6916	-6.41	-13.72	10.41	-58.95	-61.66	-1488.79	-161.43	-653.40	-397.67
6917	-7.34	-13.39	10.41	-83.87	-35.48	-1461.62	-167.80	-695.23	-330.40
6918	-8.24	-13.01	10.41	-107.46	-8.15	-1430.07	-167.47	-719.42	-259.67
6919	-9.11	-12.60	10.41	-127.33	19.14	-1397.42	-161.11	-726.79	-188.25
6920	-0.52	-16.04	10.41	-9.39	-101.84	-1215.49	-32.21	-133.83	-385.29
6921	-1.55	-15.98	10.41	2.01	-100.25	-1275.07	-52.98	-212.58	-388.78
6922	-2.58	-15.86	10.41	7.16	-93.48	-1324.15	-74.95	-291.84	-380.51
6923	-3.59	-15.68	10.41	5.38	-81.56	-1361.57	-96.37	-368.56	-360.63
6924	-4.59	-15.44	10.41	-3.16	-64.72	-1386.78	-115.50	-439.64	-329.72
6925	-5.58	-15.14	10.41	-17.37	-43.75	-1400.09	-130.62	-501.98	-289.18
6926	-6.54	-14.79	10.41	-35.64	-20.06	-1402.89	-140.59	-553.16	-241.29
6927	-7.47	-14.38	10.41	-55.83	4.97	-1397.18	-144.90	-591.66	-188.65
6928	-8.38	-13.92	10.41	-75.81	29.99	-1385.30	-143.68	-616.83	-133.90
6929	-9.26	-13.41	10.41	-93.71	53.94	-1369.85	-137.52	-628.69	-79.25
6930	-13.33	-9.40	10.41	-145.50	131.28	-1272.86	-71.11	-575.65	111.01

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
6931	-12.79	-10.19	10.41	-140.04	125.63	-1288.64	-80.72	-585.59	97.15
6932	-12.21	-10.95	10.41	-133.35	118.67	-1303.80	-90.84	-595.52	80.11
6933	-12.53	-9.35	10.41	-196.57	99.13	-1295.25	-106.33	-711.42	5.34
6934	-12.15	-10.03	10.41	-181.71	95.34	-1302.80	-112.02	-698.56	1.95
6935	-11.74	-10.69	10.41	-166.68	91.09	-1311.59	-116.84	-685.66	-3.07
6936	-11.73	-9.29	10.41	-234.24	71.81	-1358.40	-134.20	-833.59	-99.61
6937	-11.51	-9.88	10.41	-214.57	69.94	-1350.12	-136.59	-802.33	-92.38
6938	-11.27	-10.45	10.41	-194.42	68.42	-1343.78	-138.01	-772.39	-84.56
6939	-10.08	-12.86	10.41	-108.11	74.90	-1353.04	-128.04	-629.92	-29.76
6940	-9.88	-12.17	10.41	-141.65	42.71	-1369.33	-151.38	-722.21	-126.65
6941	-9.68	-11.48	10.41	-173.23	21.74	-1424.03	-167.43	-815.18	-217.96
6942	-10.84	-12.27	10.41	-119.39	92.97	-1335.85	-116.59	-623.80	14.40
6943	-10.56	-11.73	10.41	-151.56	62.54	-1346.49	-139.97	-710.63	-75.30
6944	-10.28	-11.19	10.41	-180.79	40.82	-1388.40	-157.13	-796.66	-160.86
6945	-11.56	-11.64	10.41	-126.94	108.51	-1319.04	-103.45	-609.87	53.33
6946	-11.21	-11.26	10.41	-157.30	81.01	-1325.53	-126.56	-691.70	-27.38
6947	-10.86	-10.89	10.41	-184.36	58.78	-1356.48	-144.57	-771.55	-106.92
6948	-9.61	-9.37	8.72	-234.42	-11.78	-1793.06	-149.28	-1010.69	-358.08
6949	-10.46	-9.34	8.72	-247.02	1.79	-1710.15	-142.12	-975.52	-277.76
6950	-11.31	-9.30	8.72	-248.29	17.65	-1647.54	-128.77	-917.50	-195.65
6951	-9.75	-10.12	8.72	-221.21	-12.39	-1719.10	-150.51	-943.96	-322.42
6952	-10.50	-10.01	8.72	-230.16	2.41	-1667.90	-141.54	-915.60	-251.42
6953	-11.23	-9.90	8.72	-231.73	18.49	-1629.27	-128.32	-872.91	-180.15
6954	-9.88	-10.87	8.72	-204.74	-9.04	-1660.43	-147.23	-873.83	-275.75
6955	-10.52	-10.69	8.72	-212.13	5.44	-1635.04	-138.06	-854.90	-219.44
6956	-11.14	-10.49	8.72	-215.15	20.63	-1616.74	-126.01	-826.44	-161.77
6957	-0.47	-9.67	8.72	-126.36	-13.50	-2258.06	-14.81	-68.32	-648.22
6958	-1.39	-9.66	8.72	-97.21	-17.07	-2329.36	-22.40	-208.46	-669.06
6959	-2.32	-9.65	8.72	-76.79	-22.16	-2370.29	-34.73	-354.31	-682.43
6960	-3.25	-9.63	8.72	-68.27	-28.19	-2378.30	-51.09	-500.12	-686.12
6961	-4.17	-9.61	8.72	-71.94	-33.46	-2352.94	-71.26	-639.47	-677.67
6962	-5.09	-9.58	8.72	-87.36	-37.84	-2296.01	-92.23	-765.71	-655.88
6963	-6.00	-9.54	8.72	-114.84	-39.38	-2213.05	-113.15	-870.90	-619.94
6964	-6.91	-9.50	8.72	-146.06	-37.22	-2112.14	-130.82	-949.94	-570.14
6965	-7.82	-9.46	8.72	-180.58	-32.29	-2002.40	-143.66	-1000.46	-508.04
6966	-8.73	-9.41	8.72	-211.35	-23.46	-1892.55	-150.03	-1020.21	-435.95
6967	-0.49	-11.02	8.72	-105.71	-49.13	-2034.09	-22.95	-103.14	-697.18
6968	-1.46	-10.99	8.72	-81.96	-52.84	-2100.14	-36.23	-238.25	-714.42
6969	-2.42	-10.95	8.72	-67.54	-56.88	-2138.03	-53.46	-375.95	-719.91
6970	-3.38	-10.89	8.72	-64.35	-60.32	-2146.36	-72.92	-510.68	-712.48
6971	-4.32	-10.82	8.72	-73.19	-62.12	-2126.69	-94.08	-635.73	-691.27
6972	-5.26	-10.73	8.72	-90.93	-61.36	-2082.22	-115.03	-745.72	-655.39
6973	-6.19	-10.63	8.72	-117.71	-58.13	-2018.83	-132.66	-835.10	-606.07
6974	-7.11	-10.52	8.72	-147.12	-51.01	-1943.31	-146.23	-900.35	-545.27
6975	-8.03	-10.39	8.72	-177.22	-40.59	-1863.10	-153.95	-940.17	-474.89
6976	-8.93	-10.24	8.72	-203.21	-27.08	-1785.04	-155.12	-954.11	-397.79
6977	-0.51	-12.37	8.72	-89.77	-89.37	-1791.59	-31.64	-131.16	-691.05
6978	-1.51	-12.33	8.72	-70.93	-92.23	-1854.38	-49.07	-255.42	-704.08
6979	-2.51	-12.26	8.72	-61.33	-93.61	-1893.97	-69.20	-380.00	-703.07
6980	-3.49	-12.17	8.72	-61.89	-93.11	-1909.83	-90.84	-500.01	-687.17
6981	-4.46	-12.05	8.72	-72.88	-90.15	-1903.70	-111.61	-609.52	-656.66
6982	-5.42	-11.90	8.72	-91.25	-83.20	-1879.21	-130.06	-703.91	-612.66
6983	-6.37	-11.74	8.72	-115.52	-72.93	-1841.00	-144.46	-779.90	-556.81
6984	-7.30	-11.54	8.72	-142.18	-59.63	-1794.40	-153.77	-834.72	-491.45
6985	-8.22	-11.33	8.72	-167.98	-43.62	-1745.01	-157.04	-867.77	-419.25
6986	-9.12	-11.08	8.72	-190.17	-25.70	-1697.62	-154.22	-879.74	-343.09
6987	-0.52	-13.72	8.72	-78.42	-119.86	-1563.97	-39.03	-149.88	-625.21
6988	-1.56	-13.67	8.72	-63.63	-121.20	-1625.85	-58.27	-258.89	-634.05
6989	-2.58	-13.58	8.72	-57.33	-119.56	-1670.69	-79.11	-367.14	-628.58
6990	-3.59	-13.45	8.72	-59.73	-114.05	-1698.38	-100.05	-470.25	-608.69
6991	-4.59	-13.29	8.72	-70.04	-104.66	-1710.05	-119.14	-564.06	-575.18
6992	-5.57	-13.09	8.72	-87.23	-92.13	-1708.23	-135.02	-644.84	-529.77
6993	-6.53	-12.85	8.72	-108.69	-76.40	-1696.19	-146.23	-709.79	-474.51
6994	-7.47	-12.58	8.72	-131.71	-58.01	-1677.72	-151.96	-757.31	-411.88
6995	-8.40	-12.27	8.72	-153.87	-37.90	-1656.56	-152.04	-786.98	-344.49
6996	-9.30	-11.93	8.72	-172.98	-16.95	-1636.05	-146.62	-799.32	-274.49
6997	-0.53	-15.07	8.72	-70.83	-124.63	-1384.66	-42.68	-158.40	-510.67
6998	-1.59	-15.01	8.72	-59.26	-124.14	-1447.86	-60.94	-249.87	-516.02
6999	-2.64	-14.90	8.72	-54.52	-119.58	-1499.87	-80.22	-340.46	-508.78
7000	-3.68	-14.74	8.72	-56.93	-110.95	-1540.22	-98.89	-426.83	-489.28
7001	-4.69	-14.53	8.72	-65.94	-98.33	-1569.28	-115.47	-505.83	-458.40
7002	-5.70	-14.28	8.72	-80.16	-82.00	-1588.15	-128.47	-574.58	-417.56
7003	-6.68	-13.97	8.72	-97.94	-62.96	-1598.77	-136.92	-630.96	-368.84
7004	-7.63	-13.62	8.72	-117.28	-42.20	-1603.40	-140.36	-673.70	-314.55
7005	-8.56	-13.23	8.72	-136.13	-20.68	-1604.41	-138.71	-702.28	-256.93
7006	-9.47	-12.79	8.72	-152.70	0.69	-1604.02	-132.31	-716.97	-198.05
7007	-0.54	-16.43	8.72	-66.53	-97.71	-1273.91	-40.39	-157.83	-374.22
7008	-1.62	-16.36	8.72	-57.22	-95.60	-1340.16	-55.59	-231.95	-377.19
7009	-2.69	-16.23	8.72	-53.07	-89.52	-1399.48	-71.52	-305.64	-370.31
7010	-3.74	-16.04	8.72	-54.30	-79.40	-1450.83	-86.90	-376.56	-353.78
7011	-4.78	-15.79	8.72	-60.65	-65.66	-1493.78	-100.36	-442.34	-328.29
7012	-5.80	-15.47	8.72	-71.35	-49.01	-1528.49	-110.80	-500.90	-295.08
7013	-6.80	-15.10	8.72	-85.17	-30.31	-1555.62	-117.39	-550.51	-255.70
7014	-7.78	-14.67	8.72	-100.64	-10.59	-1576.23	-119.70	-589.98	-212.00
7015	-8.72	-14.19	8.72	-116.26	9.11	-1591.67	-117.73	-618.73	-165.97
7016	-9.63	-13.65	8.72	-130.59	27.91	-1603.57	-111.78	-636.59	-119.34
7017	-13.81	-9.42	8.72	-172.04	82.98	-1626.92	-50.98	-626.40	58.26
7018	-13.27	-10.25	8.72	-168.36	80.52	-1628.80	-59.71	-631.27	43.09
7019	-12.67	-11.05	8.72	-163.44	76.55	-1628.62	-69.01	-635.14	24.80
7020	-12.98	-9.37	8.72	-210.55	57.87	-1601.65	-82.85	-736.44	-24.36
7021	-12.60	-10.08	8.72	-199.15	56.61	-1604.55	-87.68	-722.10	-30.56
7022	-12.18	-10.78	8.72	-187.58	54.68	-1607.21	-91.98	-707.45	-38.57
7023	-12.15	-9.31	8.72	-236.64	36.22	-1610.52	-108.65	-835.01	-109.21
7024	-11.93	-9.92	8.72	-221.84	36.15	-1607.11	-110.35	-805.55	-105.74
7025	-11.70	-10.52	8.72	-206.56	36.26	-1604.61	-111.35	-777.30	-102.22
7026	-10.47	-13.07	8.72	-142.46	44.30	-1612.55	-103.05	-645.17	-76.23
7027	-10.27	-12.33	8.72	-165.20	19.01	-1604.00	-123.26	-720.74	-146.50
7028	-10.06	-11.61	8.72	-185.97	1.02	-1621.54	-138.23	-797.28	-215.19
7029	-11.26	-12.45	8.72	-151.88	58.14	-1619.24	-92.61	-646.97	-36.83



Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
7030	-10.97	-11.87	8.72	-174.13	34.07	-1604.89	-112.91	-717.57	-102.76
7031	-10.67	-11.30	8.72	-193.66	15.84	-1612.63	-128.65	-787.90	-167.70
7032	-12.00	-11.78	8.72	-158.33	69.69	-1624.95	-80.63	-641.69	-1.31
7033	-11.64	-11.38	8.72	-179.75	47.94	-1606.66	-100.86	-707.67	-61.52
7034	-11.27	-10.98	8.72	-198.17	29.46	-1606.34	-117.18	-772.42	-122.60
7035	-9.95	-9.39	7.03	-258.55	-49.21	-1836.11	-124.92	-966.45	-335.17
7036	-10.83	-9.35	7.03	-268.04	-38.14	-1811.46	-114.32	-944.89	-268.28
7037	-11.71	-9.32	7.03	-267.81	-25.45	-1804.11	-98.80	-902.69	-199.81
7038	-10.10	-10.17	7.03	-247.76	-46.84	-1802.54	-122.58	-910.96	-308.23
7039	-10.87	-10.06	7.03	-254.14	-34.88	-1795.63	-111.39	-893.47	-248.90
7040	-11.64	-9.94	7.03	-254.25	-22.11	-1799.05	-96.93	-862.95	-189.21
7041	-10.25	-10.96	7.03	-234.31	-40.53	-1781.10	-116.41	-851.89	-272.31
7042	-10.90	-10.77	7.03	-239.37	-29.40	-1786.64	-106.11	-840.99	-224.92
7043	-11.55	-10.57	7.03	-240.64	-17.59	-1797.73	-93.56	-821.51	-176.32
7044	-0.48	-9.71	7.03	-164.05	-61.36	-1950.24	-42.04	-116.19	-604.61
7045	-1.45	-9.70	7.03	-140.53	-64.14	-2014.61	-50.16	-242.03	-618.69
7046	-2.41	-9.68	7.03	-125.90	-67.42	-2057.75	-60.94	-370.29	-625.35
7047	-3.36	-9.66	7.03	-121.00	-70.63	-2078.46	-74.00	-496.90	-623.30
7048	-4.32	-9.63	7.03	-126.24	-73.27	-2077.11	-88.22	-617.06	-611.52
7049	-5.27	-9.60	7.03	-140.88	-74.56	-2056.16	-102.57	-725.59	-589.20
7050	-6.22	-9.57	7.03	-162.43	-74.12	-2019.59	-115.29	-818.07	-556.16
7051	-7.16	-9.53	7.03	-188.90	-71.52	-1972.84	-125.03	-890.52	-512.85
7052	-8.10	-9.48	7.03	-215.90	-66.31	-1922.29	-130.37	-940.10	-460.28
7053	-9.04	-9.43	7.03	-240.41	-58.70	-1874.59	-130.42	-965.56	-400.01
7054	-0.51	-11.12	7.03	-152.46	-89.74	-1786.25	-49.52	-142.32	-637.26
7055	-1.51	-11.09	7.03	-133.11	-92.05	-1850.06	-60.63	-263.28	-648.92
7056	-2.51	-11.05	7.03	-122.71	-93.98	-1894.65	-73.89	-384.65	-650.35
7057	-3.50	-10.99	7.03	-121.68	-94.97	-1919.83	-88.45	-502.14	-640.79
7058	-4.49	-10.91	7.03	-129.46	-94.43	-1926.77	-102.95	-611.46	-619.88
7059	-5.46	-10.82	7.03	-145.18	-91.91	-1918.32	-115.96	-708.14	-587.95
7060	-6.42	-10.71	7.03	-166.07	-86.95	-1898.42	-126.32	-788.68	-545.67
7061	-7.38	-10.59	7.03	-189.96	-79.70	-1871.93	-132.63	-850.38	-494.24
7062	-8.32	-10.46	7.03	-213.45	-70.17	-1843.89	-134.19	-891.57	-435.43
7063	-9.25	-10.31	7.03	-233.93	-58.73	-1819.22	-130.53	-911.82	-371.15
7064	-0.53	-12.54	7.03	-143.87	-116.29	-1620.71	-55.42	-163.35	-626.64
7065	-1.57	-12.50	7.03	-128.55	-117.57	-1685.13	-68.44	-275.06	-635.64
7066	-2.61	-12.43	7.03	-121.46	-117.26	-1734.08	-82.96	-385.86	-632.72
7067	-3.63	-12.33	7.03	-122.72	-114.86	-1767.70	-97.65	-491.71	-617.78
7068	-4.64	-12.20	7.03	-131.49	-110.05	-1787.30	-111.29	-588.87	-591.18
7069	-5.63	-12.05	7.03	-146.54	-102.87	-1795.29	-122.47	-673.84	-553.78
7070	-6.61	-11.87	7.03	-165.62	-93.27	-1794.97	-130.11	-743.80	-506.99
7071	-7.58	-11.67	7.03	-186.39	-81.52	-1790.02	-133.35	-797.00	-452.58
7072	-8.53	-11.44	7.03	-206.39	-68.09	-1784.12	-131.81	-832.48	-392.47
7073	-9.46	-11.19	7.03	-223.40	-53.56	-1780.56	-125.47	-850.37	-328.82
7074	-0.54	-13.97	7.03	-138.04	-129.93	-1474.90	-58.08	-177.60	-571.19
7075	-1.62	-13.91	7.03	-126.11	-129.86	-1541.18	-71.37	-276.73	-577.57
7076	-2.69	-13.81	7.03	-121.19	-127.13	-1596.44	-85.54	-374.29	-572.03
7077	-3.74	-13.68	7.03	-123.24	-121.59	-1640.60	-99.26	-466.98	-554.77
7078	-4.77	-13.50	7.03	-131.58	-113.22	-1674.51	-111.21	-551.61	-526.57
7079	-5.79	-13.29	7.03	-144.76	-102.13	-1699.80	-120.21	-625.49	-488.67
7080	-6.79	-13.04	7.03	-161.08	-88.85	-1718.66	-125.43	-686.53	-442.71
7081	-7.76	-12.76	7.03	-178.59	-73.97	-1733.54	-126.36	-733.38	-390.58
7082	-8.72	-12.43	7.03	-195.29	-58.15	-1746.93	-122.85	-765.47	-334.21
7083	-9.65	-12.08	7.03	-209.45	-42.01	-1761.09	-115.05	-782.95	-275.30
7084	-0.55	-15.39	7.03	-134.40	-123.06	-1365.59	-55.92	-184.59	-479.56
7085	-1.66	-15.32	7.03	-125.02	-121.64	-1434.76	-67.85	-269.25	-483.70
7086	-2.75	-15.21	7.03	-121.20	-117.16	-1496.92	-80.27	-352.33	-477.30
7087	-3.82	-15.04	7.03	-122.89	-109.53	-1551.58	-91.99	-431.31	-460.70
7088	-4.88	-14.82	7.03	-129.52	-99.00	-1598.86	-101.83	-503.77	-434.71
7089	-5.92	-14.54	7.03	-140.10	-86.10	-1639.47	-108.85	-567.63	-400.59
7090	-6.94	-14.22	7.03	-153.26	-71.42	-1674.53	-112.35	-621.25	-359.87
7091	-7.93	-13.85	7.03	-167.46	-55.70	-1705.42	-111.98	-663.59	-314.27
7092	-8.89	-13.44	7.03	-181.18	-39.72	-1733.65	-107.73	-694.16	-265.55
7093	-9.83	-12.98	7.03	-193.04	-24.19	-1760.64	-99.84	-713.03	-215.42
7094	-0.56	-16.81	7.03	-132.33	-95.56	-1297.17	-47.90	-185.29	-369.33
7095	-1.68	-16.74	7.03	-124.71	-93.17	-1369.75	-57.32	-255.10	-371.91
7096	-2.79	-16.61	7.03	-121.16	-87.89	-1438.40	-67.19	-323.86	-366.06
7097	-3.89	-16.40	7.03	-121.74	-79.81	-1502.19	-76.52	-389.70	-352.12
7098	-4.97	-16.14	7.03	-126.14	-69.20	-1560.59	-84.33	-450.89	-330.71
7099	-6.03	-15.81	7.03	-133.70	-56.58	-1613.46	-89.81	-505.86	-302.80
7100	-7.07	-15.42	7.03	-143.52	-42.67	-1661.01	-92.38	-553.34	-269.63
7101	-8.08	-14.96	7.03	-154.49	-28.27	-1703.73	-91.72	-592.47	-232.67
7102	-9.05	-14.45	7.03	-165.51	-14.17	-1742.31	-87.85	-622.77	-193.44
7103	-9.99	-13.89	7.03	-175.48	-1.07	-1777.66	-80.98	-644.03	-153.33
7104	-14.30	-9.44	7.03	-199.80	26.07	-1914.41	-25.21	-667.05	8.58
7105	-13.74	-10.32	7.03	-198.42	27.61	-1901.14	-32.64	-667.07	-6.65
7106	-13.14	-11.15	7.03	-196.02	27.63	-1885.09	-40.76	-665.54	-24.75
7107	-13.44	-9.38	7.03	-232.66	7.14	-1853.70	-53.24	-757.40	-58.08
7108	-13.05	-10.14	7.03	-224.30	9.13	-1849.38	-57.06	-741.55	-66.04
7109	-12.62	-10.87	7.03	-215.92	10.41	-1843.66	-60.75	-725.19	-75.51
7110	-12.58	-9.32	7.03	-256.19	-10.21	-1817.97	-77.89	-837.77	-127.98
7111	-12.36	-9.97	7.03	-244.41	-7.62	-1816.54	-78.59	-809.85	-127.54
7112	-12.12	-10.60	7.03	-232.46	-4.98	-1814.81	-79.02	-782.88	-127.04
7113	-10.87	-13.27	7.03	-183.63	9.93	-1809.16	-72.13	-657.30	-115.79
7114	-10.65	-12.50	7.03	-201.78	-11.22	-1784.92	-90.27	-722.02	-171.10
7115	-10.43	-11.74	7.03	-218.75	-28.46	-1775.50	-105.45	-787.13	-225.08
7116	-11.68	-12.62	7.03	-189.75	18.56	-1837.14	-62.15	-664.62	-80.99
7117	-11.37	-12.01	7.03	-207.64	-1.22	-1806.77	-80.14	-724.49	-133.04
7118	-11.07	-11.42	7.03	-223.92	-17.84	-1789.65	-95.58	-783.89	-184.54
7119	-12.45	-11.92	7.03	-193.48	25.10	-1863.32	-51.18	-665.80	-49.12
7120	-12.06	-11.50	7.03	-210.83	7.65	-1828.77	-68.87	-720.99	-96.89
7121	-11.69	-11.08	7.03	-226.44	-8.53	-1805.62	-84.41	-775.15	-145.83
7122	-10.28	-9.41	5.34	-306.31	-98.73	-1862.92	-105.14	-942.90	-333.08
7123	-11.20	-9.37	5.34	-311.44	-89.82	-1890.30	-90.32	-934.01	-277.68
7124	-12.11	-9.33	5.34	-306.54	-79.62	-1934.16	-71.33	-905.79	-220.07
7125	-10.45	-10.23	5.34	-295.07	-93.14	-1866.08	-98.83	-897.92	-315.13
7126	-11.25	-10.11	5.34	-297.39	-83.49	-1899.35	-84.44	-890.08	-264.91
7127	-12.04	-9.99	5.34	-293.39	-73.31	-1941.92	-67.49	-869.80	-213.66
7128	-10.61	-11.05	5.34	-281.16	-83.21	-1879.17	-88.89	-848.40	-288.49

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
7129	-11.28	-10.85	5.34	-282.56	-74.84	-1913.09	-76.56	-844.13	-247.39
7130	-11.95	-10.64	5.34	-280.06	-65.72	-1951.57	-62.43	-831.66	-204.71
7131	-0.50	-9.74	5.34	-207.12	-106.68	-1692.22	-63.03	-152.89	-565.20
7132	-1.50	-9.73	5.34	-188.65	-109.57	-1753.41	-70.54	-265.97	-575.28
7133	-2.49	-9.71	5.34	-178.96	-112.53	-1800.05	-79.77	-380.16	-578.68
7134	-3.48	-9.69	5.34	-178.34	-115.26	-1831.88	-90.00	-492.22	-574.72
7135	-4.47	-9.66	5.34	-186.40	-117.33	-1849.91	-100.38	-598.59	-562.87
7136	-5.45	-9.63	5.34	-201.95	-118.36	-1856.39	-109.77	-695.72	-542.83
7137	-6.43	-9.59	5.34	-223.19	-117.95	-1854.84	-117.03	-780.16	-514.64
7138	-7.40	-9.55	5.34	-247.33	-115.83	-1849.74	-120.99	-849.06	-478.66
7139	-8.38	-9.51	5.34	-271.50	-111.88	-1846.14	-120.69	-900.18	-435.56
7140	-9.34	-9.45	5.34	-292.29	-105.98	-1849.19	-115.40	-931.87	-386.32
7141	-10.53	-11.23	5.34	-203.02	-130.57	-1577.78	-70.44	-173.54	-593.69
7142	-1.57	-11.20	5.34	-188.17	-132.66	-1641.41	-79.37	-282.83	-602.34
7143	-2.61	-11.15	5.34	-181.74	-134.07	-1692.53	-89.59	-391.72	-602.22
7144	-3.63	-11.08	5.34	-183.60	-134.40	-1731.33	-100.07	-496.99	-593.03
7145	-4.65	-11.00	5.34	-193.03	-133.34	-1759.19	-109.72	-595.31	-574.76
7146	-5.66	-10.90	5.34	-208.49	-130.62	-1778.46	-117.42	-683.56	-547.69
7147	-6.65	-10.79	5.34	-228.05	-126.14	-1792.38	-122.09	-759.01	-512.44
7148	-7.64	-10.67	5.34	-249.13	-119.83	-1804.66	-122.87	-819.49	-469.92
7149	-8.61	-10.52	5.34	-269.18	-111.87	-1819.17	-119.15	-863.50	-421.29
7150	-9.58	-10.37	5.34	-285.54	-102.54	-1839.53	-110.71	-890.12	-367.87
7151	-10.55	-12.72	5.34	-201.04	-147.59	-1473.30	-74.67	-190.92	-588.38
7152	-1.63	-12.67	5.34	-189.58	-148.47	-1540.24	-84.07	-293.03	-595.51
7153	-2.71	-12.59	5.34	-185.55	-147.75	-1597.69	-94.20	-393.75	-592.63
7154	-3.77	-12.49	5.34	-188.63	-145.16	-1645.90	-103.91	-490.09	-579.79
7155	-4.81	-12.35	5.34	-197.91	-140.59	-1686.04	-112.04	-579.10	-557.38
7156	-5.84	-12.19	5.34	-211.87	-134.01	-1720.02	-117.54	-658.16	-526.17
7157	-6.86	-12.01	5.34	-228.64	-125.61	-1750.27	-119.57	-725.10	-487.18
7158	-7.85	-11.79	5.34	-246.05	-115.71	-1779.49	-117.57	-778.32	-441.70
7159	-8.83	-11.55	5.34	-261.94	-104.71	-1810.29	-111.27	-816.84	-391.10
7160	-9.79	-11.29	5.34	-274.39	-93.15	-1844.90	-100.84	-840.36	-337.01
7161	-10.56	-14.21	5.34	-200.54	-149.00	-1392.54	-74.17	-203.82	-547.04
7162	-1.69	-14.15	5.34	-191.78	-148.50	-1463.57	-82.72	-295.90	-552.60
7163	-2.79	-14.05	5.34	-189.07	-145.76	-1528.32	-91.55	-386.09	-548.00
7164	-3.88	-13.90	5.34	-192.06	-140.67	-1586.74	-99.52	-471.83	-533.52
7165	-4.95	-13.72	5.34	-199.87	-133.33	-1639.43	-105.59	-550.68	-509.82
7166	-6.01	-13.50	5.34	-211.24	-124.07	-1687.51	-108.86	-620.50	-477.88
7167	-7.04	-13.24	5.34	-224.57	-113.29	-1732.46	-108.73	-679.59	-438.95
7168	-8.05	-12.93	5.34	-238.15	-101.53	-1775.91	-104.87	-726.75	-394.45
7169	-9.04	-12.60	5.34	-250.30	-89.39	-1819.44	-97.29	-761.32	-345.87
7170	-10.00	-12.22	5.34	-259.57	-77.34	-1864.46	-86.25	-783.15	-294.54
7171	-10.58	-15.70	5.34	-200.41	-130.68	-1341.68	-67.78	-211.57	-472.47
7172	-1.72	-15.63	5.34	-193.49	-128.98	-1417.14	-74.27	-291.48	-476.45
7173	-2.86	-15.51	5.34	-191.08	-124.94	-1489.03	-80.86	-369.47	-471.24
7174	-3.97	-15.33	5.34	-192.95	-118.63	-1556.84	-86.57	-443.54	-457.18
7175	-5.07	-15.10	5.34	-198.48	-110.29	-1620.48	-90.53	-511.80	-435.00
7176	-6.15	-14.81	5.34	-206.69	-100.36	-1680.25	-92.02	-572.57	-405.69
7177	-7.20	-14.48	5.34	-216.44	-89.42	-1736.73	-90.60	-624.56	-370.48
7178	-8.23	-14.09	5.34	-226.46	-78.09	-1790.70	-86.08	-666.87	-330.76
7179	-9.22	-13.65	5.34	-235.51	-66.99	-1842.96	-78.56	-698.99	-287.93
7180	-10.19	-13.17	5.34	-242.52	-56.69	-1894.28	-68.32	-720.84	-243.39
7181	-10.58	-17.20	5.34	-199.78	-97.64	-1313.80	-55.35	-214.27	-373.39
7182	-1.75	-17.12	5.34	-193.92	-95.24	-1393.21	-59.30	-280.79	-375.91
7183	-2.90	-16.98	5.34	-191.16	-90.89	-1471.15	-63.45	-345.81	-371.00
7184	-4.04	-16.77	5.34	-191.43	-84.68	-1546.66	-67.05	-407.85	-359.05
7185	-5.16	-16.49	5.34	-194.38	-76.91	-1619.04	-69.38	-465.56	-340.64
7186	-6.26	-16.14	5.34	-199.45	-68.02	-1687.91	-69.88	-517.74	-316.56
7187	-7.34	-15.73	5.34	-205.88	-58.57	-1753.11	-68.16	-563.42	-287.86
7188	-8.38	-15.25	5.34	-212.82	-49.18	-1814.68	-64.04	-601.93	-255.69
7189	-9.39	-14.72	5.34	-219.41	-40.47	-1872.81	-57.61	-632.86	-221.29
7190	-10.36	-14.12	5.34	-224.77	-32.99	-1927.87	-49.05	-655.98	-185.79
7191	-14.78	-9.47	5.34	-227.79	-36.17	-2161.02	3.06	-703.54	-36.32
7192	-14.22	-10.38	5.34	-228.84	-30.06	-2134.07	-2.87	-698.82	-51.41
7193	-13.60	-11.25	5.34	-229.41	-25.30	-2104.19	-9.60	-692.62	-68.85
7194	-13.89	-9.40	5.34	-262.32	-51.92	-2073.55	-22.60	-786.13	-97.01
7195	-13.50	-10.19	5.34	-256.18	-46.10	-2062.22	-25.26	-767.73	-105.89
7196	-13.07	-10.96	5.34	-250.38	-40.90	-2048.58	-28.18	-748.68	-115.72
7197	-13.01	-9.34	5.34	-289.57	-66.55	-1996.18	-47.84	-854.81	-158.45
7198	-12.78	-10.01	5.34	-279.02	-60.77	-1996.78	-47.17	-827.17	-160.18
7199	-12.54	-10.67	5.34	-268.78	-54.92	-1995.87	-46.67	-800.07	-161.42
7200	-11.26	-13.48	5.34	-228.62	-27.43	-1978.25	-39.36	-672.03	-152.23
7201	-11.04	-12.67	5.34	-246.91	-48.67	-1940.22	-57.38	-733.50	-203.63
7202	-10.80	-11.87	5.34	-264.52	-67.54	-1905.01	-74.49	-792.24	-250.31
7203	-12.10	-12.79	5.34	-230.60	-24.21	-2023.96	-29.27	-682.92	-120.75
7204	-11.78	-12.16	5.34	-248.85	-43.48	-1980.78	-46.78	-739.90	-169.07
7205	-11.46	-11.53	5.34	-266.11	-60.57	-1940.30	-63.49	-793.61	-214.11
7206	-12.89	-12.06	5.34	-230.43	-22.91	-2067.12	-18.89	-688.33	-91.49
7207	-12.49	-11.61	5.34	-248.44	-39.40	-2020.78	-35.70	-740.78	-135.86
7208	-12.10	-11.18	5.34	-265.20	-55.06	-1976.73	-51.81	-789.75	-179.20
7209	7.92	-9.28	17.16	-255.73	-146.37	-117.90	-187.31	118.87	-20.68
7210	8.63	-9.25	17.16	-171.15	-128.06	-81.84	-194.93	59.28	12.66
7211	9.33	-9.23	17.16	-117.45	-121.98	-56.79	-188.73	17.60	33.46
7212	8.01	-9.84	17.16	-216.96	-132.28	-95.49	-202.79	76.23	4.87
7213	8.63	-9.76	17.16	-160.93	-123.04	-69.99	-201.37	35.91	26.53
7214	9.24	-9.67	17.16	-122.41	-121.51	-49.51	-191.71	6.36	40.26
7215	8.10	-10.40	17.16	-194.58	-122.64	-74.91	-210.83	39.65	26.55
7216	8.62	-10.26	17.16	-157.86	-119.80	-56.72	-203.76	14.57	37.45
7217	9.14	-10.12	17.16	-129.73	-121.28	-41.04	-193.01	-5.80	45.23
7218	0.38	-9.50	17.16	-922.94	-729.81	-4188.15	-85.63	-2.63	1462.23
7219	1.15	-9.49	17.16	-1004.03	-765.90	-4976.18	-136.35	-623.56	581.54
7220	1.91	-9.48	17.16	-866.57	-749.07	-5504.06	-139.08	383.84	-131.06
7221	2.67	-9.47	17.16	-909.66	-695.40	-5363.44	-111.38	604.28	-255.86
7222	3.43	-9.45	17.16	-962.66	-734.42	-5716.49	-60.19	860.39	-379.63
7223	4.19	-9.43	17.16	-2257.02	-866.61	-3671.84	276.57	2532.53	-362.70
7224	4.94	-9.40	17.16	-1218.70	-736.67	-1280.98	163.71	1086.61	-678.92
7225	5.70	-9.38	17.16	-923.99	-473.97	-662.72	79.78	729.62	-408.19
7226	6.45	-9.34	17.16	-606.92	-270.65	-319.91	-77.19	394.06	-170.96
7227	7.20	-9.31	17.16	-392.63	-186.44	-184.48	-155.68	216.48	-69.78

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
7228	0.40	-10.50	17.16	-1326.21	-666.67	-7199.87	-72.16	150.47	-443.34
7229	1.19	-10.48	17.16	-1193.58	-695.76	-6752.71	-116.00	261.78	-464.40
7230	1.98	-10.45	17.16	-1074.11	-781.10	-6560.01	-101.27	486.82	-540.32
7231	2.76	-10.41	17.16	-1551.99	-1289.77	-5023.15	356.73	1701.07	-1242.06
7232	3.54	-10.35	17.16	-1231.05	-1795.12	-3638.43	457.43	961.04	-2365.37
7233	4.31	-10.29	17.16	-1704.81	-1172.04	-2167.41	550.72	1833.25	-1455.37
7234	5.08	-10.22	17.16	-952.40	-450.28	-689.58	33.07	730.51	-400.54
7235	5.83	-10.13	17.16	-614.30	-319.81	-367.06	-89.89	399.33	-217.23
7236	6.59	-10.04	17.16	-437.79	-217.02	-219.43	-151.31	243.94	-102.75
7237	7.33	-9.93	17.16	-305.35	-157.84	-138.47	-190.20	139.13	-30.50
7238	0.41	-11.50	17.16	-1373.35	-2530.65	-4343.26	-252.76	146.68	-3200.60
7239	1.23	-11.47	17.16	-1281.77	-2417.93	-4111.04	-88.88	307.13	-3040.56
7240	2.04	-11.42	17.16	-1214.38	-2332.99	-3928.06	142.91	596.87	-3002.02
7241	2.84	-11.35	17.16	-1443.83	-1522.44	-2410.20	429.90	1602.76	-1848.67
7242	3.64	-11.26	17.16	-885.54	-715.53	-864.72	-2.01	655.53	-691.19
7243	4.42	-11.16	17.16	-677.53	-567.24	-577.07	-20.18	438.99	-507.64
7244	5.20	-11.03	17.16	-638.81	-361.96	-402.14	-77.72	406.31	-298.11
7245	5.96	-10.89	17.16	-462.61	-218.81	-232.68	-172.53	233.01	-114.42
7246	6.72	-10.73	17.16	-338.54	-165.09	-151.82	-203.13	137.21	-39.38
7247	7.46	-10.56	17.16	-252.68	-135.29	-104.12	-212.37	76.81	4.28
7248	0.42	-12.50	17.16	-892.43	-840.80	-825.31	-235.17	42.04	-925.43
7249	1.26	-12.46	17.16	-827.78	-808.67	-773.33	-191.79	116.86	-871.30
7250	2.09	-12.39	17.16	-778.95	-723.37	-645.65	-144.73	256.46	-731.66
7251	2.91	-12.30	17.16	-708.77	-569.97	-561.02	-109.00	271.13	-568.80
7252	3.72	-12.18	17.16	-683.82	-390.93	-455.31	-132.04	326.86	-370.61
7253	4.52	-12.03	17.16	-542.49	-261.41	-294.07	-196.59	207.90	-185.48
7254	5.30	-11.86	17.16	-441.22	-203.31	-207.57	-207.33	148.38	-102.58
7255	6.08	-11.66	17.16	-368.48	-155.49	-149.31	-217.60	109.25	-38.12
7256	6.84	-11.44	17.16	-289.79	-128.22	-103.84	-225.23	61.28	7.95
7257	7.58	-11.19	17.16	-227.41	-119.07	-72.26	-219.73	25.98	31.55
7258	0.43	-13.50	17.16	-803.52	-178.57	-346.65	-177.97	-12.22	-218.17
7259	1.28	-13.45	17.16	-740.00	-184.47	-318.42	-199.77	16.34	-194.24
7260	2.13	-13.37	17.16	-673.43	-182.48	-289.04	-210.20	37.34	-166.17
7261	2.96	-13.26	17.16	-612.39	-167.05	-244.42	-216.74	62.84	-124.83
7262	3.79	-13.10	17.16	-539.20	-142.13	-195.70	-224.46	63.28	-76.67
7263	4.60	-12.92	17.16	-469.54	-121.45	-154.20	-232.54	58.21	-31.40
7264	5.40	-12.69	17.16	-392.59	-110.28	-113.13	-236.95	33.50	4.78
7265	6.18	-12.44	17.16	-327.20	-107.38	-79.95	-230.84	14.35	25.13
7266	6.95	-12.15	17.16	-271.84	-106.86	-52.69	-221.97	-2.51	38.62
7267	7.70	-11.82	17.16	-222.68	-109.96	-29.64	-210.47	-19.10	45.40
7268	0.43	-14.50	17.16	-723.32	0.32	-56.96	-96.65	-77.31	68.16
7269	1.30	-14.45	17.16	-674.20	-11.85	-48.37	-134.87	-79.18	63.00
7270	2.15	-14.36	17.16	-619.19	-26.32	-38.03	-163.85	-78.41	58.16
7271	3.00	-14.22	17.16	-559.92	-40.58	-26.88	-183.95	-76.71	53.62
7272	3.84	-14.03	17.16	-500.17	-53.54	-13.89	-196.93	-73.03	50.37
7273	4.67	-13.80	17.16	-438.58	-65.33	0.98	-204.10	-71.38	48.34
7274	5.48	-13.53	17.16	-378.95	-77.01	15.24	-205.41	-70.78	45.93
7275	6.27	-13.22	17.16	-322.91	-88.19	28.35	-201.59	-71.76	42.43
7276	7.05	-12.86	17.16	-273.54	-98.41	39.68	-193.71	-71.51	37.85
7277	7.80	-12.46	17.16	-230.64	-107.46	49.48	-183.87	-70.37	33.17
7278	11.39	-9.32	17.16	-77.17	-139.57	54.09	-123.65	-49.87	27.29
7279	10.90	-9.94	17.16	-95.49	-137.00	58.94	-132.25	-53.29	24.88
7280	10.38	-10.53	17.16	-115.64	-133.34	63.89	-140.55	-57.91	22.94
7281	10.71	-9.27	17.16	-75.22	-132.19	-0.74	-150.77	-36.89	46.71
7282	10.36	-9.81	17.16	-93.08	-131.14	5.50	-156.70	-39.55	44.92
7283	9.99	-10.33	17.16	-112.16	-129.15	12.95	-161.85	-42.98	42.56
7284	10.03	-9.23	17.16	-86.80	-124.83	-33.72	-173.00	-14.94	46.86
7285	9.82	-9.69	17.16	-100.10	-125.12	-27.74	-176.43	-19.92	48.21
7286	9.60	-10.14	17.16	-115.82	-124.90	-20.01	-179.14	-24.75	47.88
7287	8.51	-12.03	17.16	-194.85	-116.01	56.59	-173.04	-68.55	28.32
7288	8.36	-11.49	17.16	-185.12	-115.55	-12.78	-197.19	-30.74	46.89
7289	8.21	-10.95	17.16	-184.33	-117.94	-51.70	-209.84	2.39	43.14
7290	9.16	-11.57	17.16	-164.69	-123.45	60.72	-162.30	-66.11	24.72
7291	8.95	-11.14	17.16	-156.85	-121.18	-0.24	-184.48	-37.81	45.38
7292	8.73	-10.72	17.16	-156.10	-120.63	-36.54	-198.81	-11.18	46.88
7293	9.80	-11.08	17.16	-138.90	-129.72	64.71	-151.14	-62.42	21.51
7294	9.51	-10.78	17.16	-133.45	-126.70	11.49	-171.53	-42.66	42.41
7295	9.23	-10.48	17.16	-133.32	-123.69	-22.51	-186.19	-22.44	48.17
7296	8.26	-9.30	15.47	-516.05	-126.59	-397.00	19.45	406.05	-122.15
7297	8.99	-9.27	15.47	-409.07	-97.14	-283.99	-12.99	287.02	-53.21
7298	9.73	-9.24	15.47	-312.88	-74.44	-197.99	-38.58	194.95	-4.18
7299	8.36	-9.90	15.47	-441.68	-104.22	-321.64	0.74	315.56	-83.47
7300	9.00	-9.81	15.47	-361.17	-83.24	-239.71	-25.45	233.87	-33.44
7301	9.64	-9.72	15.47	-288.04	-67.11	-171.08	-45.46	168.25	3.71
7302	8.45	-10.50	15.47	-371.69	-82.01	-250.21	-17.83	236.96	-49.47
7303	9.00	-10.35	15.47	-315.33	-69.18	-192.46	-36.51	185.55	-16.43
7304	9.54	-10.20	15.47	-261.70	-59.37	-140.90	-51.73	141.75	10.35
7305	0.40	-9.53	15.47	-977.52	-98.87	-4241.34	-98.10	197.75	-27.56
7306	1.20	-9.53	15.47	-705.45	-120.04	-4123.25	-231.81	247.22	-111.41
7307	1.99	-9.52	15.47	-547.22	-143.85	-4038.20	-187.72	352.77	-258.42
7308	2.78	-9.50	15.47	-548.26	-124.40	-3828.67	-160.97	661.90	-452.80
7309	3.58	-9.48	15.47	-502.38	-73.90	-3234.03	-105.22	967.76	-614.39
7310	4.37	-9.46	15.47	-381.27	-158.97	-2712.48	-99.47	1002.39	-739.55
7311	5.15	-9.43	15.47	-812.21	-250.79	-2084.64	56.10	1240.80	-643.36
7312	5.94	-9.40	15.47	-807.58	-225.62	-1330.85	108.35	1012.06	-499.66
7313	6.72	-9.37	15.47	-748.03	-199.16	-861.56	96.68	776.26	-343.39
7314	7.50	-9.33	15.47	-633.42	-160.56	-570.91	56.87	564.70	-213.57
7315	0.41	-10.60	15.47	-713.07	207.12	-4205.55	-44.71	278.70	-774.75
7316	1.24	-10.58	15.47	-624.95	117.63	-3989.66	-110.74	370.86	-814.92
7317	2.06	-10.55	15.47	-501.85	24.97	-3629.20	-108.18	623.01	-906.00
7318	2.88	-10.51	15.47	-441.19	-2.54	-3248.89	-185.85	743.38	-925.10
7319	3.69	-10.45	15.47	-574.67	15.53	-2655.65	-57.13	1055.23	-784.74
7320	4.49	-10.38	15.47	-543.85	-111.36	-1986.70	92.60	970.46	-745.31
7321	5.29	-10.30	15.47	-779.61	-252.59	-1437.91	173.20	983.40	-629.22
7322	6.08	-10.21	15.47	-729.76	-212.47	-937.45	132.15	768.43	-421.21
7323	6.87	-10.11	15.47	-635.19	-168.14	-634.33	82.47	578.36	-267.41
7324	7.65	-10.00	15.47	-534.74	-131.46	-442.65	36.38	427.09	-156.22
7325	0.43	-11.67	15.47	-550.13	56.28	-3313.30	44.95	228.80	-1407.44
7326	1.28	-11.64	15.47	-496.11	32.01	-3068.19	26.78	385.24	-1310.21

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
7327	2.12	-11.59	15.47	-414.19	8.98	-2678.32	60.24	612.37	-1163.07
7328	2.96	-11.52	15.47	-453.19	-201.57	-2296.91	107.51	689.46	-1111.10
7329	3.79	-11.43	15.47	-672.50	-408.41	-1869.47	203.44	857.67	-1016.91
7330	4.61	-11.31	15.47	-670.12	-330.50	-1332.60	213.17	795.62	-740.28
7331	5.42	-11.18	15.47	-630.66	-235.28	-926.80	164.95	661.26	-492.24
7332	6.22	-11.03	15.47	-592.95	-181.54	-652.37	111.33	532.91	-317.53
7333	7.01	-10.86	15.47	-519.78	-135.11	-463.70	55.83	409.82	-191.21
7334	7.79	-10.67	15.47	-439.61	-102.13	-334.76	11.47	308.67	-103.51
7335	0.44	-12.74	15.47	-479.70	-664.01	-1962.05	49.63	113.30	-1402.17
7336	1.31	-12.70	15.47	-459.50	-620.81	-1814.14	86.49	252.12	-1288.83
7337	2.18	-12.64	15.47	-452.32	-574.60	-1618.95	143.34	385.67	-1144.31
7338	3.03	-12.54	15.47	-485.24	-466.31	-1325.02	199.37	501.25	-915.39
7339	3.88	-12.41	15.47	-501.18	-349.60	-1012.05	181.73	498.61	-673.25
7340	4.72	-12.25	15.47	-516.32	-274.31	-775.14	155.28	465.27	-488.39
7341	5.54	-12.07	15.47	-497.27	-196.16	-586.50	113.44	407.30	-332.82
7342	6.35	-11.85	15.47	-456.88	-135.88	-436.11	64.36	337.22	-209.97
7343	7.14	-11.61	15.47	-407.19	-97.63	-320.44	20.82	269.20	-120.92
7344	7.92	-11.34	15.47	-349.41	-72.97	-231.01	-14.81	208.14	-57.85
7345	0.45	-13.81	15.47	-345.40	-455.07	-895.32	26.93	5.40	-727.22
7346	1.34	-13.77	15.47	-345.16	-418.92	-826.81	53.11	85.44	-666.07
7347	2.22	-13.68	15.47	-347.08	-367.93	-740.22	80.62	156.25	-584.52
7348	3.10	-13.56	15.47	-357.62	-301.64	-644.22	97.34	206.29	-486.31
7349	3.96	-13.39	15.47	-372.29	-228.82	-538.28	95.28	234.23	-377.32
7350	4.81	-13.19	15.47	-371.24	-164.51	-427.42	72.11	231.02	-272.17
7351	5.65	-12.95	15.47	-359.28	-117.27	-328.92	43.63	212.18	-184.84
7352	6.47	-12.68	15.47	-334.89	-81.69	-244.17	12.59	184.94	-114.16
7353	7.27	-12.37	15.47	-301.17	-58.78	-171.39	-16.59	153.70	-59.19
7354	8.04	-12.02	15.47	-262.48	-46.57	-109.40	-40.28	122.62	-18.63
7355	0.45	-14.88	15.47	-227.77	-144.40	-282.65	-4.69	-71.78	-250.71
7356	1.36	-14.83	15.47	-229.97	-132.44	-252.32	0.02	-33.28	-230.49
7357	2.26	-14.73	15.47	-229.68	-116.67	-218.02	3.83	1.42	-203.68
7358	3.15	-14.58	15.47	-230.22	-96.68	-179.29	5.34	31.70	-169.97
7359	4.03	-14.38	15.47	-231.55	-74.88	-137.27	1.24	54.03	-131.18
7360	4.89	-14.14	15.47	-231.24	-55.68	-93.65	-9.36	67.10	-91.06
7361	5.74	-13.85	15.47	-224.81	-41.87	-49.86	-24.31	70.35	-53.70
7362	6.57	-13.51	15.47	-212.54	-33.77	-8.97	-39.59	66.77	-22.01
7363	7.38	-13.13	15.47	-194.93	-30.27	27.63	-53.57	58.97	3.75
7364	8.16	-12.70	15.47	-173.17	-30.96	59.80	-64.75	48.76	23.82
7365	11.87	-9.34	15.47	-75.92	-46.88	111.27	-66.51	13.43	67.72
7366	11.37	-10.00	15.47	-84.04	-45.85	117.68	-69.39	14.82	64.08
7367	10.84	-10.64	15.47	-93.58	-43.95	123.43	-72.43	16.54	60.72
7368	11.16	-9.29	15.47	-145.05	-47.79	-20.34	-67.97	62.04	53.31
7369	10.80	-9.87	15.47	-146.89	-45.91	-5.73	-69.70	58.74	49.91
7370	10.42	-10.43	15.47	-149.09	-43.54	10.10	-70.81	55.17	46.38
7371	10.45	-9.25	15.47	-223.33	-57.76	-117.00	-57.94	120.61	31.52
7372	10.24	-9.74	15.47	-214.61	-54.15	-98.41	-61.00	109.41	31.48
7373	10.01	-10.22	15.47	-207.81	-50.21	-77.00	-63.20	98.77	30.43
7374	8.90	-12.24	15.47	-151.24	-33.84	85.00	-71.85	38.56	37.85
7375	8.74	-11.66	15.47	-226.44	-41.31	-62.73	-56.15	97.18	8.41
7376	8.57	-11.08	15.47	-298.94	-59.48	-169.42	-38.02	162.54	-18.50
7377	9.58	-11.75	15.47	-130.08	-38.10	103.31	-75.33	29.55	47.81
7378	9.35	-11.29	15.47	-194.98	-40.87	-28.20	-65.14	78.03	25.70
7379	9.11	-10.84	15.47	-258.92	-53.39	-125.56	-51.18	132.12	4.55
7380	10.24	-11.22	15.47	-109.52	-41.81	119.15	-75.34	21.73	55.07
7381	9.94	-10.90	15.47	-165.39	-41.96	3.43	-70.17	61.56	38.91
7382	9.64	-10.59	15.47	-221.17	-49.56	-85.04	-59.94	105.59	22.47
7383	8.59	-9.32	13.78	-452.09	-51.14	-653.64	32.31	557.28	-179.27
7384	9.36	-9.29	13.78	-388.05	-37.30	-499.49	13.11	459.15	-110.12
7385	10.12	-9.26	13.78	-315.08	-24.50	-372.23	-6.13	369.64	-52.04
7386	8.70	-9.96	13.78	-394.90	-40.81	-545.22	26.05	472.60	-150.34
7387	9.37	-9.87	13.78	-342.49	-29.96	-430.59	7.49	401.78	-93.53
7388	10.03	-9.77	13.78	-286.15	-20.68	-330.78	-9.24	336.57	-44.42
7389	8.80	-10.59	13.78	-334.17	-30.05	-440.11	16.78	394.01	-118.77
7390	9.37	-10.44	13.78	-296.19	-22.75	-359.83	1.66	347.57	-75.51
7391	9.94	-10.27	13.78	-255.34	-17.00	-287.88	-12.35	302.91	-35.52
7392	0.41	-9.57	13.78	-425.92	87.64	-3558.60	36.20	313.62	-564.79
7393	1.24	-9.56	13.78	-434.13	84.53	-3333.11	1.19	393.61	-540.17
7394	2.07	-9.55	13.78	-399.68	75.81	-3108.54	-47.03	505.00	-547.05
7395	2.90	-9.54	13.78	-358.89	48.74	-2835.80	-50.93	634.19	-559.18
7396	3.72	-9.52	13.78	-397.16	-0.19	-2528.98	-40.19	747.36	-558.16
7397	4.54	-9.49	13.78	-470.76	-11.79	-2156.37	5.98	830.30	-520.78
7398	5.36	-9.46	13.78	-438.13	-25.42	-1786.24	16.10	826.77	-480.31
7399	6.18	-9.43	13.78	-504.27	-61.39	-1449.38	37.58	830.48	-421.54
7400	6.99	-9.39	13.78	-519.29	-68.84	-1121.77	50.01	760.72	-344.37
7401	7.81	-9.35	13.78	-500.11	-63.47	-856.27	46.86	661.95	-258.24
7402	0.43	-10.71	13.78	-329.87	79.81	-3209.40	54.66	246.87	-871.35
7403	1.29	-10.69	13.78	-331.30	75.25	-2981.59	27.59	380.38	-820.37
7404	2.14	-10.66	13.78	-341.94	51.18	-2740.52	14.42	493.47	-780.02
7405	2.99	-10.61	13.78	-356.58	10.53	-2448.05	54.72	622.30	-728.28
7406	3.84	-10.55	13.78	-371.59	-41.16	-2128.76	56.09	693.67	-671.24
7407	4.68	-10.48	13.78	-441.99	-61.96	-1799.93	49.15	754.50	-592.25
7408	5.51	-10.39	13.78	-437.54	-53.05	-1464.47	62.79	743.74	-504.89
7409	6.33	-10.30	13.78	-475.80	-64.31	-1165.61	72.90	714.87	-410.11
7410	7.15	-10.19	13.78	-473.11	-61.85	-902.95	63.99	640.19	-310.91
7411	7.96	-10.06	13.78	-441.28	-52.01	-696.99	45.80	553.33	-221.44
7412	0.44	-11.85	13.78	-238.11	-54.62	-2598.05	67.04	171.94	-1034.69
7413	1.33	-11.82	13.78	-261.23	-57.18	-2402.81	70.75	316.50	-959.05
7414	2.21	-11.76	13.78	-299.53	-79.21	-2184.45	72.91	425.68	-886.52
7415	3.08	-11.69	13.78	-320.13	-63.16	-1934.25	78.49	524.96	-790.38
7416	3.95	-11.59	13.78	-319.37	-33.04	-1660.98	87.37	586.01	-678.50
7417	4.80	-11.47	13.78	-376.65	-58.17	-1392.75	94.86	625.08	-578.11
7418	5.65	-11.33	13.78	-412.01	-72.49	-1129.56	97.79	616.14	-471.81
7419	6.48	-11.17	13.78	-417.25	-64.03	-897.19	84.02	573.74	-362.36
7420	7.30	-10.98	13.78	-403.69	-52.22	-705.40	62.14	514.60	-263.41
7421	8.11	-10.78	13.78	-371.85	-39.72	-551.28	37.25	449.55	-179.51
7422	0.46	-12.99	13.78	-161.54	-126.30	-1875.77	66.37	85.45	-990.72
7423	1.37	-12.95	13.78	-190.50	-112.21	-1737.74	85.12	210.68	-910.50
7424	2.27	-12.88	13.78	-218.92	-100.42	-1569.72	97.98	313.73	-816.04
7425	3.16	-12.77	13.78	-250.53	-108.04	-1391.58	102.93	388.67	-724.02

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
7426	4.04	-12.64	13.78	-290.67	-112.59	-1203.77	115.65	446.93	-623.56
7427	4.92	-12.47	13.78	-318.12	-93.23	-1004.36	111.89	469.84	-505.41
7428	5.77	-12.27	13.78	-334.47	-73.30	-818.38	95.77	461.32	-390.93
7429	6.62	-12.04	13.78	-335.86	-55.36	-657.94	73.43	433.80	-290.03
7430	7.45	-11.78	13.78	-321.64	-39.46	-522.89	47.73	395.87	-203.58
7431	8.26	-11.49	13.78	-295.78	-27.60	-410.34	22.83	353.32	-131.20
7432	0.47	-14.13	13.78	-102.16	-207.76	-1208.65	42.93	7.72	-764.68
7433	1.40	-14.08	13.78	-127.26	-185.97	-1122.57	66.33	103.53	-705.49
7434	2.32	-13.99	13.78	-153.60	-161.88	-1019.78	82.51	184.33	-631.60
7435	3.23	-13.86	13.78	-180.45	-134.32	-901.21	91.94	248.23	-544.31
7436	4.13	-13.68	13.78	-205.22	-106.61	-776.36	91.25	289.47	-451.35
7437	5.02	-13.47	13.78	-227.16	-81.22	-655.79	83.17	311.96	-360.26
7438	5.89	-13.21	13.78	-239.63	-57.39	-541.81	66.97	316.99	-273.60
7439	6.75	-12.92	13.78	-241.64	-38.47	-437.92	46.40	307.83	-195.52
7440	7.58	-12.59	13.78	-233.72	-24.87	-346.35	24.90	289.41	-128.15
7441	8.39	-12.22	13.78	-217.23	-15.95	-266.82	4.92	265.45	-71.31
7442	0.47	-15.27	13.78	-29.97	-116.44	-716.71	6.46	-40.37	-384.08
7443	1.42	-15.22	13.78	-50.31	-104.90	-659.31	22.32	23.17	-354.30
7444	2.36	-15.11	13.78	-70.61	-89.77	-595.04	33.37	78.77	-314.86
7445	3.29	-14.95	13.78	-91.06	-72.55	-525.64	39.10	124.99	-268.06
7446	4.21	-14.74	13.78	-110.78	-54.82	-452.49	39.05	160.63	-216.37
7447	5.12	-14.48	13.78	-127.58	-38.37	-377.96	33.25	184.29	-163.19
7448	6.00	-14.16	13.78	-139.99	-24.70	-305.61	23.18	196.77	-111.97
7449	6.87	-13.80	13.78	-146.24	-14.33	-237.91	10.37	199.50	-64.80
7450	7.71	-13.39	13.78	-145.96	-7.54	-176.54	-3.13	194.38	-23.24
7451	8.53	-12.94	13.78	-139.71	-3.94	-122.67	-15.59	183.43	12.28
7452	12.36	-9.36	13.78	-85.05	-5.40	3.72	-40.85	118.69	97.69
7453	11.85	-10.07	13.78	-89.74	-5.02	2.70	-40.40	123.35	93.19
7454	11.29	-10.74	13.78	-95.18	-4.00	-1.03	-39.60	129.38	88.38
7455	11.62	-9.31	13.78	-157.87	-8.32	-131.52	-35.00	203.36	47.59
7456	11.25	-9.92	13.78	-153.88	-7.72	-118.19	-34.11	197.28	44.83
7457	10.86	-10.52	13.78	-149.92	-6.93	-106.14	-32.71	191.51	42.16
7458	10.88	-9.26	13.78	-235.42	-14.80	-254.72	-23.36	284.50	0.24
7459	10.66	-9.79	13.78	-220.84	-13.09	-230.29	-23.76	267.67	0.95
7460	10.43	-10.30	13.78	-207.48	-11.48	-204.87	-23.60	251.71	1.86
7461	9.29	-12.45	13.78	-130.13	-2.50	-79.02	-25.66	169.89	40.23
7462	9.12	-11.83	13.78	-198.09	-10.75	-205.77	-10.44	241.96	-28.37
7463	8.94	-11.22	13.78	-267.03	-19.90	-328.99	3.90	315.67	-78.94
7464	10.00	-11.92	13.78	-118.70	-2.79	-44.81	-33.01	155.98	61.64
7465	9.75	-11.44	13.78	-179.11	-8.46	-160.14	-21.12	221.12	2.86
7466	9.50	-10.96	13.78	-240.78	-15.47	-270.70	-8.70	286.36	-42.94
7467	10.68	-11.36	13.78	-105.63	-3.30	-16.14	-37.71	141.27	78.49
7468	10.36	-11.02	13.78	-159.04	-7.33	-119.40	-29.17	200.18	29.39
7469	10.04	-10.69	13.78	-213.52	-12.22	-217.49	-18.63	257.68	-11.81
7470	8.93	-9.34	12.09	-392.71	-18.76	-787.49	7.67	611.50	-183.73
7471	9.73	-9.31	12.09	-355.26	-15.92	-646.15	-3.17	547.54	-120.51
7472	10.52	-9.27	12.09	-305.54	-12.49	-524.61	-14.61	477.13	-61.28
7473	9.04	-10.02	12.09	-348.51	-19.00	-682.86	7.84	540.53	-161.71
7474	9.74	-9.92	12.09	-317.49	-15.73	-576.33	-3.56	492.13	-105.70
7475	10.43	-9.82	12.09	-279.42	-12.66	-482.44	-14.53	439.88	-53.10
7476	9.15	-10.69	12.09	-301.01	-18.69	-581.29	5.78	470.11	-132.11
7477	9.75	-10.53	12.09	-278.89	-15.29	-507.39	-4.38	437.45	-86.79
7478	10.33	-10.35	12.09	-252.10	-12.82	-441.87	-14.43	401.25	-42.49
7479	0.43	-9.60	12.09	-224.12	72.64	-2972.16	39.02	217.83	-661.62
7480	1.29	-9.60	12.09	-256.52	66.27	-2789.98	20.93	343.83	-626.59
7481	2.15	-9.59	12.09	-282.69	54.21	-2585.84	13.01	452.50	-595.51
7482	3.01	-9.57	12.09	-311.06	39.19	-2367.74	6.51	546.22	-565.29
7483	3.86	-9.55	12.09	-330.87	26.83	-2131.62	9.11	627.35	-530.75
7484	4.72	-9.52	12.09	-353.63	6.68	-1883.24	8.37	689.65	-492.24
7485	5.57	-9.49	12.09	-397.82	-8.35	-1627.99	16.71	725.94	-442.53
7486	6.42	-9.46	12.09	-409.53	-12.69	-1380.87	19.97	725.07	-383.15
7487	7.27	-9.42	12.09	-420.11	-18.50	-1157.88	19.97	706.78	-317.95
7488	8.11	-9.38	12.09	-414.76	-20.08	-957.35	15.83	666.42	-249.83
7489	0.45	-10.81	12.09	-161.69	39.65	-2638.31	47.67	163.21	-810.30
7490	1.34	-10.79	12.09	-202.39	35.79	-2469.97	44.45	293.76	-757.97
7491	2.23	-10.76	12.09	-232.78	27.82	-2275.51	42.35	407.11	-703.84
7492	3.11	-10.71	12.09	-264.17	17.61	-2064.09	33.97	499.30	-650.08
7493	3.99	-10.65	12.09	-299.66	8.97	-1839.74	38.10	573.39	-591.26
7494	4.86	-10.57	12.09	-324.09	-1.88	-1608.05	44.60	621.56	-523.20
7495	5.72	-10.48	12.09	-360.00	-15.98	-1382.87	41.93	645.78	-449.40
7496	6.58	-10.38	12.09	-373.07	-20.71	-1171.30	37.12	642.09	-374.86
7497	7.43	-10.26	12.09	-379.11	-22.90	-982.36	30.19	622.08	-299.92
7498	8.28	-10.13	12.09	-370.35	-21.80	-816.35	19.61	585.51	-226.09
7499	0.46	-12.02	12.09	-109.79	-27.76	-2192.73	47.64	98.68	-875.06
7500	1.38	-11.99	12.09	-149.00	-23.55	-2052.22	55.95	225.70	-816.05
7501	2.29	-11.94	12.09	-181.96	-20.53	-1886.94	61.94	334.81	-748.40
7502	3.20	-11.86	12.09	-218.62	-27.31	-1703.92	67.05	423.44	-674.68
7503	4.10	-11.75	12.09	-260.17	-37.98	-1512.32	66.99	487.92	-596.31
7504	4.99	-11.63	12.09	-286.10	-35.15	-1320.01	63.88	527.56	-512.18
7505	5.87	-11.48	12.09	-309.65	-31.90	-1136.09	56.24	547.75	-426.94
7506	6.74	-11.30	12.09	-325.21	-30.43	-965.27	46.62	547.27	-344.06
7507	7.59	-11.11	12.09	-328.07	-27.11	-813.03	33.77	530.37	-264.82
7508	8.44	-10.89	12.09	-318.58	-22.76	-681.34	18.93	501.84	-190.86
7509	0.47	-13.23	12.09	-67.14	-109.03	-1712.03	37.44	36.95	-816.07
7510	1.42	-13.19	12.09	-101.36	-98.62	-1602.02	55.09	151.04	-760.50
7511	2.36	-13.12	12.09	-137.12	-89.52	-1473.96	66.14	247.13	-693.89
7512	3.29	-13.01	12.09	-171.35	-75.84	-1332.51	73.02	325.33	-616.20
7513	4.21	-12.86	12.09	-201.82	-62.02	-1184.66	71.93	382.84	-532.58
7514	5.12	-12.68	12.09	-231.21	-53.99	-1039.05	67.53	421.54	-449.33
7515	6.01	-12.47	12.09	-253.73	-45.82	-899.21	58.73	442.21	-366.58
7516	6.89	-12.23	12.09	-266.61	-37.16	-769.62	45.68	446.18	-286.27
7517	7.75	-11.95	12.09	-269.31	-29.20	-654.19	30.32	436.93	-211.21
7518	8.59	-11.65	12.09	-261.97	-22.50	-554.15	14.13	418.01	-142.57
7519	0.49	-14.44	12.09	-28.19	-135.15	-1287.36	19.46	-11.77	-639.54
7520	1.45	-14.39	12.09	-56.59	-122.59	-1203.43	39.41	81.23	-595.83
7521	2.41	-14.30	12.09	-86.82	-108.01	-1107.74	52.75	161.37	-540.46
7522	3.37	-14.16	12.09	-117.31	-93.54	-1005.55	59.58	227.18	-477.68
7523	4.31	-13.98	12.09	-146.37	-78.63	-899.97	61.19	279.05	-409.49
7524	5.23	-13.75	12.09	-171.12	-62.92	-793.71	56.80	315.61	-337.92

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
7525	6.14	-13.47	12.09	-190.48	-48.53	-691.66	47.63	337.57	-266.87
7526	7.03	-13.16	12.09	-202.74	-36.05	-597.31	34.99	346.92	-199.08
7527	7.90	-12.81	12.09	-207.10	-25.83	-512.72	20.48	345.68	-136.16
7528	8.74	-12.41	12.09	-203.81	-18.05	-438.86	5.81	335.97	-79.08
7529	0.50	-15.66	12.09	3.57	-103.11	-1010.53	-1.54	-39.77	-385.19
7530	1.48	-15.60	12.09	-18.90	-94.18	-939.98	15.38	30.43	-357.71
7531	2.47	-15.48	12.09	-42.87	-82.35	-863.22	27.20	92.44	-321.34
7532	3.44	-15.31	12.09	-66.98	-68.75	-782.26	33.87	145.29	-278.13
7533	4.40	-15.09	12.09	-89.96	-54.61	-699.65	35.44	187.98	-230.50
7534	5.34	-14.81	12.09	-110.60	-40.99	-618.07	32.46	220.39	-180.79
7535	6.27	-14.48	12.09	-127.38	-28.64	-539.80	25.55	242.59	-130.98
7536	7.17	-14.10	12.09	-139.30	-18.41	-467.06	15.83	255.28	-83.04
7537	8.04	-13.66	12.09	-145.75	-10.61	-401.65	4.60	259.67	-38.56
7538	8.89	-13.18	12.09	-146.71	-5.26	-344.90	-6.83	256.91	1.72
7539	12.84	-9.38	12.09	-112.58	-6.37	-208.67	-43.51	207.26	114.92
7540	12.32	-10.13	12.09	-116.26	-4.00	-211.72	-41.09	211.25	108.09
7541	11.75	-10.85	12.09	-120.96	-1.91	-218.30	-37.90	216.63	100.05
7542	12.07	-9.33	12.09	-179.01	-8.14	-309.51	-35.21	307.51	55.40
7543	11.70	-9.98	12.09	-174.07	-7.58	-298.75	-32.94	296.48	52.35
7544	11.30	-10.61	12.09	-168.49	-6.75	-291.12	-30.03	285.98	48.59
7545	11.30	-9.28	12.09	-244.73	-10.32	-415.05	-25.83	396.57	-2.17
7546	11.08	-9.83	12.09	-229.89	-10.21	-391.60	-24.46	373.40	-0.67
7547	10.85	-10.38	12.09	-215.81	-10.05	-369.45	-22.65	351.57	1.04
7548	9.68	-12.66	12.09	-143.48	-2.14	-299.10	-17.22	249.63	35.51
7549	9.49	-12.00	12.09	-195.94	-12.74	-382.21	-6.67	322.56	-33.26
7550	9.30	-11.36	12.09	-248.97	-17.64	-480.59	0.88	395.92	-89.23
7551	10.42	-12.10	12.09	-137.41	-0.88	-263.34	-25.97	240.00	63.05
7552	10.15	-11.59	12.09	-186.01	-9.45	-340.34	-16.55	308.23	2.02
7553	9.88	-11.08	12.09	-234.52	-14.09	-428.09	-8.94	375.38	-49.89
7554	11.12	-11.50	12.09	-128.62	-0.61	-234.59	-33.05	227.54	85.77
7555	10.78	-11.14	12.09	-173.33	-7.30	-304.34	-25.05	291.26	33.12
7556	10.45	-10.79	12.09	-217.36	-11.17	-381.11	-17.48	352.48	-14.67
7557	9.26	-9.36	10.41	-401.93	-25.12	-847.63	-25.97	635.99	-168.41
7558	10.09	-9.32	10.41	-377.34	-27.36	-741.51	-35.64	598.69	-107.81
7559	10.91	-9.29	10.41	-338.92	-29.45	-653.02	-45.11	548.25	-48.92
7560	9.39	-10.08	10.41	-360.13	-30.24	-762.59	-25.21	571.30	-148.04
7561	10.11	-9.97	10.41	-340.27	-30.70	-683.27	-34.85	542.62	-93.52
7562	10.83	-9.86	10.41	-311.59	-31.52	-616.14	-44.05	505.65	-40.99
7563	9.50	-10.79	10.41	-316.37	-34.19	-681.56	-25.04	505.06	-120.14
7564	10.12	-10.62	10.41	-302.95	-32.97	-627.63	-33.76	486.47	-75.59
7565	10.73	-10.43	10.41	-283.76	-33.07	-582.44	-42.29	461.91	-31.36
7566	0.45	-9.64	10.41	-158.52	35.18	-2521.48	16.99	134.10	-656.17
7567	1.34	-9.63	10.41	-198.43	32.85	-2377.91	13.53	258.14	-620.30
7568	2.23	-9.62	10.41	-236.88	27.43	-2216.19	8.09	366.87	-584.03
7569	3.12	-9.60	10.41	-272.31	19.99	-2039.80	4.44	461.06	-546.17
7570	4.01	-9.58	10.41	-308.44	10.30	-1853.89	1.11	539.00	-505.53
7571	4.89	-9.56	10.41	-342.91	1.93	-1664.03	0.56	598.90	-459.75
7572	5.78	-9.52	10.41	-369.80	-6.35	-1475.86	-1.65	641.27	-408.77
7573	6.66	-9.49	10.41	-396.10	-14.39	-1294.66	-4.42	666.00	-352.97
7574	7.54	-9.44	10.41	-410.01	-19.22	-1125.91	-9.52	671.06	-292.95
7575	8.41	-9.40	10.41	-412.65	-22.75	-975.68	-16.97	660.58	-230.24
7576	0.46	-10.92	10.41	-120.38	-2.65	-2241.97	17.75	85.70	-738.39
7577	1.39	-10.90	10.41	-158.45	-1.98	-2111.69	21.61	210.47	-695.55
7578	2.31	-10.86	10.41	-198.35	-4.44	-1961.83	22.25	318.36	-647.84
7579	3.22	-10.81	10.41	-236.78	-9.08	-1798.73	23.05	409.23	-594.81
7580	4.13	-10.75	10.41	-272.62	-15.14	-1628.08	20.74	482.74	-537.04
7581	5.04	-10.67	10.41	-307.90	-20.72	-1456.44	16.66	537.88	-476.22
7582	5.94	-10.57	10.41	-334.81	-24.04	-1289.07	12.38	575.05	-411.94
7583	6.83	-10.46	10.41	-357.34	-27.24	-1131.81	5.39	595.60	-344.63
7584	7.71	-10.34	10.41	-368.95	-28.97	-988.82	-3.79	599.97	-276.50
7585	8.59	-10.20	10.41	-370.05	-29.89	-863.54	-14.56	591.32	-208.92
7586	0.48	-12.20	10.41	-88.20	-57.97	-1915.73	13.87	37.20	-753.88
7587	1.43	-12.17	10.41	-123.28	-53.25	-1803.36	24.93	154.94	-708.60
7588	2.38	-12.11	10.41	-161.44	-50.48	-1673.56	31.16	256.98	-654.46
7589	3.32	-12.03	10.41	-198.81	-47.54	-1533.09	33.03	341.90	-593.68
7590	4.26	-11.92	10.41	-233.10	-44.36	-1387.48	32.30	410.46	-527.59
7591	5.18	-11.78	10.41	-266.20	-43.62	-1242.10	28.20	462.02	-457.96
7592	6.09	-11.62	10.41	-292.73	-42.37	-1102.39	21.16	496.40	-386.49
7593	7.00	-11.44	10.41	-311.84	-40.26	-973.18	11.14	516.08	-314.76
7594	7.89	-11.23	10.41	-322.42	-38.11	-857.41	-0.68	522.56	-244.27
7595	8.76	-11.00	10.41	-323.44	-36.00	-757.03	-13.63	517.71	-176.20
7596	0.49	-13.48	10.41	-61.66	-106.16	-1588.23	5.49	-6.23	-688.83
7597	1.47	-13.44	10.41	-92.46	-98.10	-1494.44	20.87	98.15	-647.37
7598	2.45	-13.36	10.41	-125.76	-89.16	-1387.86	31.01	189.92	-595.17
7599	3.41	-13.24	10.41	-159.82	-81.12	-1273.52	35.66	267.40	-535.34
7600	4.37	-13.09	10.41	-192.76	-73.34	-1156.21	35.89	330.04	-470.11
7601	5.31	-12.90	10.41	-221.45	-64.58	-1040.10	31.33	377.80	-401.21
7602	6.24	-12.68	10.41	-245.16	-56.45	-929.57	23.08	411.47	-331.28
7603	7.16	-12.42	10.41	-262.60	-49.42	-827.99	12.09	432.40	-262.25
7604	8.05	-12.13	10.41	-272.55	-43.45	-737.76	-0.77	442.01	-195.41
7605	8.93	-11.80	10.41	-274.40	-38.92	-660.56	-14.51	441.74	-131.64
7606	0.50	-14.76	10.41	-41.14	-127.55	-1316.43	-5.23	-39.23	-550.22
7607	1.51	-14.71	10.41	-66.56	-118.68	-1236.48	11.37	48.50	-517.18
7608	2.51	-14.61	10.41	-94.65	-107.60	-1148.92	22.73	126.72	-474.13
7609	3.50	-14.46	10.41	-123.33	-94.87	-1056.78	28.82	194.18	-423.17
7610	4.48	-14.27	10.41	-150.83	-81.78	-963.47	29.60	249.92	-366.87
7611	5.44	-14.02	10.41	-175.87	-69.55	-872.37	25.88	294.02	-307.74
7612	6.39	-13.74	10.41	-196.75	-58.38	-786.17	18.33	326.85	-247.57
7613	7.31	-13.40	10.41	-212.35	-48.69	-707.31	7.86	349.12	-188.04
7614	8.22	-13.03	10.41	-221.96	-40.86	-637.86	-4.46	361.88	-130.60
7615	9.09	-12.61	10.41	-225.09	-35.10	-579.20	-17.46	366.20	-76.32
7616	0.52	-16.04	10.41	-25.94	-98.98	-1147.49	-14.13	-58.32	-371.15
7617	1.55	-15.98	10.41	-46.04	-92.46	-1073.54	0.23	12.01	-347.61
7618	2.57	-15.86	10.41	-68.21	-83.29	-995.55	10.32	75.68	-316.10
7619	3.58	-15.68	10.41	-91.06	-72.58	-915.84	15.89	131.67	-278.31
7620	4.58	-15.44	10.41	-113.25	-61.24	-836.60	17.09	179.38	-235.94
7621	5.57	-15.15	10.41	-133.48	-50.15	-759.96	14.20	218.44	-190.63
7622	6.53	-14.80	10.41	-150.74	-40.20	-688.08	7.86	248.91	-144.16
7623	7.46	-14.39	10.41	-164.13	-31.95	-622.92	-1.14	271.20	-98.06

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
7624	8.37	-13.93	10.41	-173.05	-25.77	-566.11	-11.85	285.96	-53.67
7625	9.25	-13.42	10.41	-177.31	-21.84	-518.99	-23.26	293.79	-11.93
7626	13.33	-9.40	10.41	-152.44	-38.24	-447.72	-69.18	285.65	123.29
7627	12.79	-10.19	10.41	-158.18	-33.20	-440.56	-65.28	285.34	113.31
7628	12.21	-10.95	10.41	-160.97	-27.24	-437.04	-59.62	285.38	101.19
7629	12.53	-9.35	10.41	-223.09	-36.38	-509.50	-61.65	391.02	68.27
7630	12.15	-10.04	10.41	-215.05	-33.70	-493.47	-58.50	371.93	62.94
7631	11.74	-10.70	10.41	-207.61	-31.10	-481.80	-54.25	354.60	56.03
7632	11.72	-9.30	10.41	-285.07	-32.89	-577.57	-54.04	477.97	10.90
7633	11.50	-9.88	10.41	-268.45	-32.96	-554.28	-51.93	447.37	11.51
7634	11.27	-10.45	10.41	-252.22	-32.63	-533.27	-49.00	418.65	11.41
7635	10.07	-12.86	10.41	-177.35	-20.40	-483.36	-34.21	296.43	24.66
7636	9.87	-12.18	10.41	-223.22	-31.72	-536.40	-29.14	364.98	-31.05
7637	9.66	-11.49	10.41	-269.81	-36.03	-605.49	-26.07	434.61	-80.34
7638	10.83	-12.27	10.41	-174.24	-20.84	-458.49	-44.11	295.53	55.95
7639	10.55	-11.74	10.41	-218.44	-30.00	-507.43	-39.03	360.76	5.26
7640	10.27	-11.20	10.41	-262.09	-34.03	-568.37	-35.09	425.14	-41.23
7641	11.56	-11.64	10.41	-167.83	-22.95	-442.04	-52.84	290.64	82.66
7642	11.20	-11.27	10.41	-209.85	-29.67	-485.63	-48.05	352.59	37.90
7643	10.85	-10.90	10.41	-250.59	-32.48	-537.48	-43.33	411.86	-5.68
7644	9.60	-9.38	8.72	-474.40	-50.40	-867.23	-70.91	650.25	-151.68
7645	10.46	-9.34	8.72	-463.55	-56.06	-800.56	-84.48	639.02	-91.47
7646	11.31	-9.30	8.72	-435.14	-63.05	-756.07	-97.44	614.53	-31.83
7647	9.73	-10.14	8.72	-425.79	-57.93	-805.53	-72.81	588.07	-131.68
7648	10.48	-10.03	8.72	-416.59	-61.46	-757.53	-85.13	579.63	-77.55
7649	11.22	-9.91	8.72	-395.91	-66.49	-724.90	-96.81	562.74	-24.62
7650	9.86	-10.89	8.72	-375.32	-63.62	-748.06	-72.77	523.31	-106.21
7651	10.50	-10.70	8.72	-369.93	-64.90	-717.06	-83.44	519.88	-61.91
7652	11.13	-10.51	8.72	-357.67	-68.82	-697.04	-93.29	510.72	-17.51
7653	0.46	-9.67	8.72	-161.56	-11.79	-2161.94	-10.93	61.94	-621.58
7654	1.39	-9.67	8.72	-200.40	-12.19	-2046.45	-10.20	180.62	-590.99
7655	2.31	-9.66	8.72	-240.88	-14.49	-1915.57	-11.24	286.74	-556.87
7656	3.23	-9.64	8.72	-282.32	-18.36	-1774.23	-13.82	379.57	-519.29
7657	4.15	-9.62	8.72	-323.01	-22.94	-1626.87	-17.17	458.83	-477.88
7658	5.07	-9.59	8.72	-362.09	-28.09	-1477.75	-22.01	524.42	-432.54
7659	5.99	-9.55	8.72	-399.03	-32.99	-1331.56	-27.94	575.69	-383.05
7660	6.90	-9.51	8.72	-430.10	-37.41	-1193.11	-35.82	613.09	-329.46
7661	7.81	-9.47	8.72	-455.10	-41.87	-1066.85	-45.69	637.68	-272.28
7662	8.72	-9.42	8.72	-470.67	-46.09	-956.58	-57.62	649.88	-212.21
7663	0.48	-11.02	8.72	-136.96	-46.24	-1945.14	-13.58	23.95	-670.11
7664	1.44	-11.01	8.72	-172.91	-44.56	-1838.89	-8.03	139.42	-635.37
7665	2.39	-10.97	8.72	-211.34	-44.19	-1718.42	-5.59	242.52	-593.99
7666	3.34	-10.92	8.72	-250.91	-44.85	-1588.58	-6.31	332.20	-547.19
7667	4.28	-10.85	8.72	-290.19	-46.14	-1454.44	-9.25	407.67	-495.72
7668	5.22	-10.76	8.72	-326.92	-47.79	-1320.62	-14.52	469.21	-439.91
7669	6.16	-10.66	8.72	-360.78	-49.80	-1191.77	-22.48	516.95	-380.73
7670	7.08	-10.54	8.72	-388.88	-51.56	-1072.03	-32.60	551.69	-319.06
7671	8.00	-10.41	8.72	-410.50	-53.43	-965.19	-44.91	574.71	-255.55
7672	8.90	-10.26	8.72	-423.48	-55.59	-874.34	-58.98	586.97	-191.15
7673	0.49	-12.37	8.72	-116.38	-85.62	-1710.16	-17.89	-13.11	-665.79
7674	1.48	-12.34	8.72	-148.13	-81.57	-1615.16	-8.36	94.68	-630.50
7675	2.47	-12.28	8.72	-182.93	-77.64	-1508.68	-2.91	191.30	-586.54
7676	3.44	-12.20	8.72	-219.11	-74.25	-1395.06	-1.31	275.53	-535.48
7677	4.41	-12.08	8.72	-255.03	-71.40	-1278.87	-3.65	346.41	-478.98
7678	5.37	-11.94	8.72	-288.39	-68.50	-1164.54	-9.41	404.09	-418.52
7679	6.32	-11.77	8.72	-318.30	-66.06	-1056.01	-18.34	449.25	-355.34
7680	7.26	-11.57	8.72	-343.12	-64.22	-956.79	-29.90	482.57	-290.64
7681	8.18	-11.35	8.72	-361.59	-63.13	-870.05	-43.67	505.36	-225.48
7682	9.09	-11.11	8.72	-372.57	-63.10	-798.19	-58.96	518.90	-160.88
7683	0.51	-13.73	8.72	-100.24	-115.95	-1488.74	-22.99	-45.47	-603.78
7684	1.53	-13.68	8.72	-127.00	-110.23	-1404.22	-11.08	50.92	-571.64
7685	2.54	-13.60	8.72	-157.06	-103.50	-1311.83	-3.62	138.13	-530.07
7686	3.54	-13.48	8.72	-188.45	-96.07	-1215.13	-0.62	214.74	-480.92
7687	4.53	-13.32	8.72	-219.38	-88.60	-1117.69	-2.05	280.06	-426.08
7688	5.51	-13.12	8.72	-248.52	-81.81	-1023.07	-7.44	333.96	-367.39
7689	6.48	-12.88	8.72	-274.27	-75.81	-934.46	-16.41	376.82	-306.38
7690	7.43	-12.61	8.72	-295.43	-70.90	-854.77	-28.30	409.42	-244.44
7691	8.36	-12.30	8.72	-311.10	-67.46	-786.48	-42.33	432.81	-182.74
7692	9.27	-11.96	8.72	-320.38	-66.04	-731.70	-57.69	448.00	-122.07
7693	0.52	-15.08	8.72	-88.27	-121.60	-1312.89	-26.97	-70.02	-494.17
7694	1.57	-15.02	8.72	-109.98	-115.79	-1235.58	-14.88	12.64	-467.79
7695	2.61	-14.92	8.72	-134.55	-108.00	-1153.95	-6.87	88.43	-432.59
7696	3.64	-14.76	8.72	-160.43	-99.19	-1070.68	-3.24	156.01	-390.32
7697	4.65	-14.56	8.72	-186.11	-90.08	-988.43	-3.92	214.68	-342.66
7698	5.65	-14.30	8.72	-210.10	-81.26	-909.80	-8.68	264.13	-291.23
7699	6.64	-14.00	8.72	-231.30	-73.48	-837.30	-17.00	304.55	-237.63
7700	7.60	-13.64	8.72	-248.76	-67.29	-773.20	-28.18	336.45	-183.27
7701	8.53	-13.25	8.72	-261.75	-63.10	-719.51	-41.42	360.53	-129.31
7702	9.44	-12.81	8.72	-269.62	-61.24	-677.94	-55.78	377.55	-76.74
7703	0.54	-16.43	8.72	-80.29	-96.32	-1202.45	-27.18	-85.60	-362.21
7704	1.61	-16.36	8.72	-97.34	-92.00	-1127.89	-16.86	-16.99	-341.90
7705	2.67	-16.24	8.72	-116.57	-85.55	-1051.75	-9.99	46.68	-314.35
7706	3.73	-16.05	8.72	-136.76	-77.80	-976.03	-6.89	104.43	-280.74
7707	4.77	-15.80	8.72	-156.75	-69.64	-902.78	-7.61	155.57	-242.45
7708	5.79	-15.48	8.72	-175.48	-61.92	-834.00	-11.92	199.79	-200.86
7709	6.79	-15.11	8.72	-192.00	-55.32	-771.59	-19.38	237.07	-157.29
7710	7.76	-14.68	8.72	-205.58	-50.45	-717.35	-29.42	267.64	-112.99
7711	8.71	-14.20	8.72	-215.71	-47.75	-672.92	-41.34	291.93	-69.13
7712	9.62	-13.66	8.72	-222.20	-47.55	-639.89	-54.34	310.34	-26.61
7713	13.81	-9.42	8.72	-220.75	-106.64	-695.42	-118.60	367.67	132.36
7714	13.27	-10.26	8.72	-213.46	-88.22	-663.85	-109.47	356.23	117.41
7715	12.67	-11.05	8.72	-220.15	-74.82	-636.98	-102.25	348.34	100.45
7716	12.98	-9.37	8.72	-298.10	-86.28	-714.27	-115.34	480.96	83.92
7717	12.59	-10.09	8.72	-289.02	-81.47	-681.47	-109.90	449.32	75.85
7718	12.17	-10.79	8.72	-275.13	-74.48	-653.21	-102.17	417.47	63.71
7719	12.15	-9.31	8.72	-380.04	-73.64	-731.66	-108.44	564.93	28.73
7720	11.93	-9.93	8.72	-352.81	-73.36	-701.57	-105.39	519.45	27.56
7721	11.68	-10.53	8.72	-326.13	-72.12	-675.65	-100.19	477.75	23.76
7722	10.47	-13.07	8.72	-225.00	-50.49	-619.82	-67.29	324.11	12.03

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
7723	10.25	-12.35	8.72	-272.91	-62.09	-652.00	-69.27	388.93	-31.42
7724	10.03	-11.63	8.72	-323.12	-66.44	-696.55	-71.02	455.24	-71.94
7725	11.25	-12.45	8.72	-225.03	-55.68	-612.69	-79.74	334.60	46.57
7726	10.95	-11.88	8.72	-273.62	-64.43	-640.23	-81.42	396.97	6.47
7727	10.65	-11.32	8.72	-322.17	-67.57	-677.58	-81.89	458.44	-32.51
7728	12.00	-11.78	8.72	-222.07	-63.66	-617.57	-91.54	341.65	77.03
7729	11.63	-11.39	8.72	-270.71	-68.69	-638.73	-93.01	401.80	41.35
7730	11.26	-11.00	8.72	-316.97	-68.96	-666.99	-92.14	458.39	4.05
7731	9.94	-9.40	7.03	-599.07	-83.17	-852.68	-126.12	646.20	-144.08
7732	10.82	-9.36	7.03	-618.01	-91.96	-819.12	-149.75	662.51	-83.31
7733	11.70	-9.32	7.03	-623.24	-104.13	-814.93	-174.95	674.67	-20.32
7734	10.07	-10.20	7.03	-534.71	-93.50	-815.66	-133.69	588.05	-124.68
7735	10.85	-10.08	7.03	-546.94	-100.69	-794.64	-154.79	601.00	-69.53
7736	11.62	-9.96	7.03	-549.62	-111.42	-793.93	-177.04	611.06	-13.23
7737	10.21	-10.99	7.03	-466.44	-101.64	-782.59	-134.92	526.00	-101.73
7738	10.87	-10.79	7.03	-475.68	-106.47	-771.68	-152.83	538.16	-56.10
7739	11.52	-10.59	7.03	-480.43	-116.55	-775.07	-170.15	548.20	-8.90
7740	0.48	-9.71	7.03	-194.80	-59.35	-1867.82	-36.89	3.22	-583.90
7741	1.43	-9.70	7.03	-231.02	-58.41	-1771.08	-34.38	114.09	-558.21
7742	2.39	-9.69	7.03	-271.40	-58.53	-1662.99	-34.40	215.21	-527.95
7743	3.34	-9.67	7.03	-314.54	-59.54	-1547.29	-36.68	305.76	-493.46
7744	4.30	-9.65	7.03	-359.43	-61.28	-1427.79	-41.26	385.24	-454.91
7745	5.25	-9.62	7.03	-405.00	-63.52	-1308.43	-48.12	453.43	-412.33
7746	6.20	-9.58	7.03	-449.93	-66.18	-1193.12	-57.65	510.68	-365.76
7747	7.14	-9.54	7.03	-493.40	-69.28	-1085.78	-70.04	557.49	-315.33
7748	8.08	-9.50	7.03	-533.78	-72.90	-990.41	-85.61	594.85	-261.20
7749	9.02	-9.44	7.03	-569.92	-77.48	-911.09	-104.44	624.23	-203.64
7750	0.50	-11.13	7.03	-179.20	-87.27	-1706.97	-41.30	-26.97	-616.37
7751	1.48	-11.11	7.03	-211.53	-85.06	-1616.23	-36.20	79.90	-587.99
7752	2.47	-11.07	7.03	-248.20	-83.38	-1515.75	-34.32	177.50	-552.90
7753	3.45	-11.02	7.03	-287.66	-82.28	-1409.34	-35.58	264.63	-512.00
7754	4.43	-10.95	7.03	-328.47	-81.71	-1300.84	-40.09	340.77	-466.06
7755	5.41	-10.86	7.03	-369.52	-81.63	-1194.12	-47.87	405.76	-415.87
7756	6.37	-10.75	7.03	-409.35	-82.03	-1092.94	-58.89	460.02	-361.98
7757	7.33	-10.63	7.03	-447.14	-83.18	-1000.92	-73.28	504.36	-304.96
7758	8.28	-10.49	7.03	-481.67	-85.30	-921.49	-90.95	539.95	-245.36
7759	9.22	-10.33	7.03	-512.15	-88.91	-858.08	-111.83	568.38	-183.59
7760	0.51	-12.55	7.03	-166.26	-113.69	-1544.48	-45.02	-56.07	-607.04
7761	1.53	-12.52	7.03	-193.97	-110.30	-1460.19	-37.93	43.61	-578.48
7762	2.55	-12.46	7.03	-225.84	-106.63	-1368.78	-34.43	135.14	-541.79
7763	3.56	-12.37	7.03	-260.27	-102.94	-1273.62	-34.74	217.13	-498.29
7764	4.57	-12.24	7.03	-295.75	-99.50	-1178.16	-38.88	288.95	-449.23
7765	5.56	-12.09	7.03	-331.05	-96.68	-1085.84	-46.85	350.44	-395.75
7766	6.54	-11.92	7.03	-364.88	-94.68	-999.98	-58.52	401.95	-338.90
7767	7.51	-11.71	7.03	-396.30	-93.86	-923.68	-73.75	444.31	-279.57
7768	8.47	-11.48	7.03	-424.50	-94.68	-859.86	-92.26	478.66	-218.48
7769	9.41	-11.22	7.03	-448.77	-97.71	-811.35	-113.86	506.56	-156.23
7770	0.53	-13.97	7.03	-156.17	-127.74	-1400.67	-47.01	-81.65	-554.21
7771	1.58	-13.93	7.03	-179.00	-123.85	-1321.68	-39.09	8.23	-527.96
7772	2.63	-13.84	7.03	-205.45	-118.85	-1238.59	-34.74	91.47	-493.21
7773	3.67	-13.71	7.03	-234.09	-113.37	-1154.09	-34.31	166.76	-451.36
7774	4.70	-13.54	7.03	-263.54	-107.96	-1071.05	-37.92	233.29	-403.81
7775	5.71	-13.33	7.03	-292.47	-103.08	-992.28	-45.52	290.85	-351.92
7776	6.72	-13.09	7.03	-319.84	-99.32	-920.53	-56.88	339.66	-296.91
7777	7.70	-12.80	7.03	-344.79	-97.22	-858.36	-71.70	380.33	-239.83
7778	8.66	-12.47	7.03	-366.62	-97.33	-808.22	-89.60	413.81	-181.56
7779	9.60	-12.11	7.03	-384.71	-100.55	-772.63	-110.16	441.30	-122.55
7780	0.54	-15.39	7.03	-148.75	-121.79	-1291.74	-45.80	-101.93	-465.96
7781	1.63	-15.34	7.03	-166.91	-118.36	-1215.75	-38.40	-23.50	-443.73
7782	2.70	-15.23	7.03	-187.95	-113.40	-1138.38	-34.23	49.97	-413.61
7783	3.77	-15.06	7.03	-210.65	-107.60	-1061.80	-33.68	117.28	-376.83
7784	4.83	-14.85	7.03	-233.83	-101.69	-988.27	-36.92	177.67	-334.65
7785	5.86	-14.58	7.03	-256.40	-96.41	-920.02	-43.86	230.81	-288.39
7786	6.88	-14.26	7.03	-277.41	-92.40	-859.25	-54.28	276.73	-239.24
7787	7.88	-13.89	7.03	-296.16	-90.28	-808.05	-67.82	315.79	-188.28
7788	8.85	-13.47	7.03	-312.15	-90.71	-768.51	-84.03	348.64	-136.42
7789	9.79	-13.00	7.03	-324.92	-94.27	-742.68	-102.31	376.17	-84.41
7790	0.56	-16.81	7.03	-143.61	-95.39	-1222.28	-39.94	-116.36	-358.92
7791	1.67	-16.75	7.03	-157.68	-93.08	-1146.92	-34.19	-49.80	-341.11
7792	2.78	-16.61	7.03	-173.76	-89.25	-1072.31	-31.20	13.29	-316.69
7793	3.87	-16.41	7.03	-190.93	-84.62	-1000.26	-31.32	71.99	-286.53
7794	4.95	-16.15	7.03	-208.24	-79.90	-932.58	-34.67	125.64	-251.65
7795	6.01	-15.82	7.03	-224.82	-75.81	-871.08	-41.19	173.87	-213.11
7796	7.05	-15.43	7.03	-239.91	-73.06	-817.54	-50.64	216.57	-172.00
7797	8.06	-14.98	7.03	-252.97	-72.30	-773.69	-62.68	253.89	-129.31
7798	9.04	-14.46	7.03	-263.67	-74.13	-741.27	-76.89	286.23	-85.99
7799	9.98	-13.89	7.03	-272.08	-79.11	-722.21	-92.77	314.01	-42.78
7800	14.30	-9.45	7.03	-298.77	-201.19	-992.99	-200.73	484.71	154.95
7801	13.74	-10.32	7.03	-339.56	-179.53	-898.45	-198.56	458.02	131.29
7802	13.13	-11.16	7.03	-299.21	-145.96	-813.48	-167.84	411.52	103.40
7803	13.43	-9.39	7.03	-509.05	-162.70	-926.83	-215.71	639.19	111.79
7804	13.04	-10.15	7.03	-443.76	-147.90	-846.17	-203.11	546.12	96.20
7805	12.61	-10.88	7.03	-383.82	-137.49	-793.71	-182.24	477.79	73.33
7806	12.57	-9.33	7.03	-596.27	-125.00	-847.49	-199.19	672.54	47.26
7807	12.35	-9.98	7.03	-520.14	-127.17	-812.02	-195.26	596.29	44.11
7808	12.10	-10.61	7.03	-451.08	-126.56	-782.36	-182.64	530.81	34.21
7809	10.86	-13.28	7.03	-278.09	-88.51	-718.02	-109.41	338.41	-2.16
7810	10.62	-12.52	7.03	-334.64	-101.48	-732.66	-120.72	398.97	-38.07
7811	10.39	-11.77	7.03	-397.45	-106.11	-754.98	-129.31	461.27	-72.29
7812	11.67	-12.63	7.03	-282.83	-101.37	-729.98	-126.86	361.24	36.19
7813	11.35	-12.03	7.03	-343.86	-110.72	-737.85	-139.15	419.55	2.83
7814	11.03	-11.44	7.03	-407.81	-112.50	-752.58	-146.60	477.24	-30.96
7815	12.44	-11.93	7.03	-286.75	-119.92	-760.35	-145.38	383.83	72.13
7816	12.05	-11.51	7.03	-352.18	-123.53	-757.71	-159.74	440.23	42.51
7817	11.66	-11.10	7.03	-416.87	-118.72	-761.48	-165.30	492.99	9.22
7818	10.27	-9.42	5.34	-744.84	-117.85	-813.24	-181.52	600.82	-153.48
7819	11.19	-9.38	5.34	-813.57	-128.49	-801.34	-221.20	631.79	-94.95
7820	12.10	-9.34	5.34	-893.09	-143.40	-819.09	-270.92	668.17	-30.65
7821	10.42	-10.26	5.34	-659.57	-132.69	-801.20	-197.60	554.06	-136.28



Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
7822	11.22	-10.13	5.34	-706.54	-143.72	-799.01	-234.45	579.08	-82.06
7823	12.01	-10.01	5.34	-757.64	-161.27	-818.35	-280.13	607.31	-23.67
7824	10.56	-11.09	5.34	-565.87	-145.32	-793.44	-200.85	502.60	-115.62
7825	11.25	-10.88	5.34	-596.54	-154.91	-797.32	-232.15	523.72	-69.85
7826	11.92	-10.66	5.34	-631.94	-174.30	-817.03	-266.67	546.39	-20.46
7827	0.49	-9.75	5.34	-233.53	-104.07	-1618.54	-57.75	-44.41	-548.78
7828	1.48	-9.74	5.34	-266.75	-102.07	-1534.93	-54.88	57.53	-527.43
7829	2.47	-9.73	5.34	-305.83	-100.73	-1443.37	-54.59	151.86	-501.40
7830	3.46	-9.71	5.34	-349.81	-100.05	-1346.84	-57.07	237.62	-471.09
7831	4.44	-9.68	5.34	-397.79	-100.01	-1248.53	-62.52	314.26	-436.76
7832	5.42	-9.65	5.34	-449.03	-100.59	-1151.75	-71.25	381.64	-398.60
7833	6.40	-9.61	5.34	-502.98	-101.82	-1059.89	-83.65	439.95	-356.74
7834	7.38	-9.57	5.34	-559.26	-103.84	-976.44	-100.24	489.81	-311.25
7835	8.36	-9.52	5.34	-618.04	-106.94	-904.95	-121.61	532.26	-262.15
7836	9.33	-9.47	5.34	-680.02	-111.54	-849.10	-148.52	568.88	-209.41
7837	0.51	-11.24	5.34	-225.46	-127.97	-1504.41	-63.63	-68.49	-576.88
7838	1.53	-11.22	5.34	-254.24	-125.25	-1424.16	-59.49	29.80	-553.34
7839	2.55	-11.18	5.34	-288.57	-122.68	-1337.94	-58.38	121.03	-523.53
7840	3.57	-11.12	5.34	-327.33	-120.43	-1248.62	-60.64	204.06	-488.22
7841	4.58	-11.04	5.34	-369.49	-118.66	-1159.30	-66.56	278.21	-448.08
7842	5.59	-10.95	5.34	-414.09	-117.52	-1073.17	-76.43	343.35	-403.72
7843	6.59	-10.84	5.34	-460.49	-117.26	-993.40	-90.60	399.70	-355.64
7844	7.58	-10.71	5.34	-508.27	-118.19	-923.14	-109.44	447.95	-304.27
7845	8.56	-10.56	5.34	-557.58	-120.79	-865.47	-133.50	489.20	-249.87
7846	9.53	-10.40	5.34	-609.36	-125.84	-823.59	-163.53	525.12	-192.55
7847	0.53	-12.73	5.34	-219.30	-145.35	-1399.79	-67.14	-92.30	-572.15
7848	1.58	-12.69	5.34	-243.17	-142.21	-1322.55	-62.31	0.15	-548.12
7849	2.64	-12.63	5.34	-271.90	-138.60	-1241.82	-60.65	86.47	-516.82
7850	3.68	-12.53	5.34	-304.37	-134.89	-1160.16	-62.63	165.41	-479.22
7851	4.72	-12.41	5.34	-339.46	-131.51	-1080.32	-68.61	236.24	-436.27
7852	5.75	-12.25	5.34	-376.16	-128.83	-1005.11	-78.85	298.71	-388.89
7853	6.77	-12.06	5.34	-413.71	-127.37	-937.31	-93.58	353.02	-337.87
7854	7.77	-11.85	5.34	-451.64	-127.68	-879.62	-113.07	399.74	-283.86
7855	8.76	-11.60	5.34	-489.97	-130.57	-834.70	-137.71	439.92	-227.32
7856	9.74	-11.33	5.34	-529.30	-137.08	-805.27	-168.33	475.21	-168.56
7857	0.55	-14.22	5.34	-214.91	-147.56	-1317.92	-67.16	-114.25	-532.39
7858	1.63	-14.17	5.34	-233.88	-144.67	-1242.27	-62.60	-29.62	-509.67
7859	2.72	-14.08	5.34	-256.77	-140.81	-1165.67	-61.02	50.08	-479.38
7860	3.79	-13.95	5.34	-282.52	-136.53	-1090.29	-62.96	123.61	-442.52
7861	4.86	-13.77	5.34	-310.08	-132.45	-1018.43	-68.77	190.21	-400.18
7862	5.91	-13.55	5.34	-338.48	-129.19	-952.46	-78.66	249.53	-353.38
7863	6.95	-13.29	5.34	-366.92	-127.43	-894.68	-92.77	301.61	-303.08
7864	7.97	-12.99	5.34	-394.92	-127.93	-847.39	-111.19	346.88	-250.09
7865	8.97	-12.65	5.34	-422.29	-131.62	-812.85	-134.11	386.14	-195.01
7866	9.94	-12.27	5.34	-449.18	-140.07	-793.60	-161.92	420.71	-138.00
7867	0.56	-15.71	5.34	-211.56	-130.36	-1264.89	-62.50	-133.04	-460.23
7868	1.68	-15.65	5.34	-226.14	-128.45	-1188.98	-59.24	-57.81	-440.32
7869	2.80	-15.54	5.34	-243.55	-125.41	-1114.28	-58.56	13.83	-413.26
7870	3.91	-15.36	5.34	-262.90	-121.88	-1042.66	-60.94	80.76	-379.96
7871	5.00	-15.14	5.34	-283.28	-118.52	-976.05	-66.69	142.24	-341.40
7872	6.07	-14.85	5.34	-303.82	-116.05	-916.40	-75.94	197.84	-298.59
7873	7.13	-14.52	5.34	-323.84	-115.21	-865.66	-88.72	247.49	-252.50
7874	8.16	-14.13	5.34	-342.87	-116.79	-825.76	-105.01	291.39	-204.01
7875	9.17	-13.69	5.34	-360.76	-121.73	-798.69	-124.77	330.07	-153.78
7876	10.14	-13.20	5.34	-377.50	-131.08	-786.62	-147.93	364.47	-102.31
7877	0.58	-17.20	5.34	-208.54	-98.29	-1234.54	-52.40	-147.92	-363.94
7878	1.73	-17.13	5.34	-219.56	-97.57	-1157.15	-51.09	-83.00	-347.80
7879	2.88	-16.99	5.34	-232.33	-95.94	-1082.65	-51.94	-20.39	-325.57
7880	4.02	-16.78	5.34	-246.15	-93.96	-1012.69	-55.29	39.05	-297.86
7881	5.14	-16.50	5.34	-260.29	-92.25	-948.96	-61.35	94.69	-265.46
7882	6.24	-16.15	5.34	-274.08	-91.50	-893.11	-70.15	146.09	-229.21
7883	7.31	-15.74	5.34	-286.93	-92.38	-846.80	-81.63	193.06	-189.97
7884	8.36	-15.27	5.34	-298.47	-95.62	-811.70	-95.68	235.66	-148.55
7885	9.37	-14.73	5.34	-308.59	-101.97	-789.54	-112.15	274.16	-105.72
7886	10.34	-14.13	5.34	-317.78	-112.32	-782.42	-130.95	308.97	-61.96
7887	14.78	-9.47	5.34	-1052.76	-496.20	-1413.77	-589.46	871.85	243.71
7888	14.21	-10.38	5.34	-475.54	-328.03	-1079.87	-334.53	540.85	161.94
7889	13.59	-11.26	5.34	-386.37	-237.35	-953.15	-245.19	455.89	110.02
7890	13.89	-9.40	5.34	-1056.60	-230.59	-1016.52	-430.22	777.07	138.08
7891	13.49	-10.20	5.34	-708.46	-253.72	-953.57	-376.93	606.24	110.40
7892	13.05	-10.97	5.34	-505.40	-224.57	-893.28	-289.64	507.45	71.75
7893	13.00	-9.34	5.34	-979.06	-172.46	-881.06	-337.33	712.78	46.50
7894	12.77	-10.03	5.34	-776.85	-192.07	-866.15	-330.93	620.47	41.44
7895	12.52	-10.69	5.34	-609.70	-198.17	-848.40	-295.63	544.64	26.38
7896	11.25	-13.49	5.34	-326.21	-128.69	-791.51	-151.63	341.28	-19.78
7897	11.00	-12.69	5.34	-393.43	-145.81	-790.01	-172.88	394.68	-55.46
7898	10.76	-11.90	5.34	-472.99	-152.09	-790.28	-189.90	448.07	-88.38
7899	12.09	-12.80	5.34	-335.76	-150.86	-819.06	-175.03	373.50	22.20
7900	11.75	-12.18	5.34	-411.99	-164.43	-808.69	-200.63	423.48	-12.23
7901	11.42	-11.56	5.34	-497.80	-166.09	-800.69	-218.02	471.49	-45.98
7902	12.88	-12.07	5.34	-346.72	-183.03	-869.24	-203.86	408.92	64.71
7903	12.47	-11.63	5.34	-435.45	-190.92	-844.97	-236.17	455.24	32.07
7904	12.07	-11.20	5.34	-527.01	-180.91	-823.56	-253.79	497.43	-2.78
7905	0.57	1.65	4.00	-275.17	-63.30	-1909.55	14.32	9.17	34.48
7906	0.57	0.55	4.00	-278.60	-66.32	-1876.24	5.74	10.38	-30.02
7907	0.57	-0.55	4.00	-280.63	-69.01	-1841.24	-2.91	9.46	-90.87
7908	0.57	-1.65	4.00	-281.18	-71.08	-1805.16	-11.59	6.44	-149.33
7909	1.71	1.65	4.00	-330.84	-62.06	-1805.71	17.31	134.92	32.47
7910	1.71	0.55	4.00	-334.70	-65.01	-1772.25	8.57	134.70	-29.70
7911	1.71	-0.55	4.00	-336.53	-67.62	-1737.73	-0.42	132.09	-88.29
7912	1.71	-1.65	4.00	-336.27	-69.62	-1702.78	-9.51	127.16	-144.51
7913	2.85	1.65	4.00	-397.91	-61.82	-1690.97	20.19	250.24	31.84
7914	2.86	0.55	4.00	-402.00	-64.55	-1657.94	11.14	248.66	-27.91
7915	2.86	-0.55	4.00	-403.46	-67.00	-1624.38	1.71	244.46	-84.25
7916	2.85	-1.65	4.00	-402.25	-68.89	-1590.87	-7.90	237.79	-138.24
7917	3.98	1.65	4.00	-476.04	-63.15	-1568.72	22.58	354.40	32.32
7918	4.00	0.55	4.00	-480.21	-65.59	-1536.62	13.21	351.66	-24.85
7919	4.00	-0.55	4.00	-481.15	-67.80	-1504.42	3.38	346.07	-78.83
7920	3.98	-1.65	4.00	-478.84	-69.50	-1472.64	-6.73	337.82	-130.53

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
7921	5.12	1.65	4.00	-565.17	-66.90	-1442.49	24.16	446.76	33.49
7922	5.14	0.55	4.00	-569.29	-69.08	-1411.68	14.56	443.12	-20.80
7923	5.14	-0.55	4.00	-569.59	-70.97	-1381.17	4.51	436.38	-72.18
7924	5.12	-1.65	4.00	-566.06	-72.31	-1351.40	-5.96	426.76	-121.38
7925	6.26	1.65	4.00	-665.33	-74.16	-1316.28	24.64	526.66	34.86
7926	6.28	0.55	4.00	-669.29	-76.19	-1286.98	15.03	522.41	-16.11
7927	6.28	-0.55	4.00	-668.86	-77.70	-1258.37	5.05	514.81	-64.50
7928	6.26	-1.65	4.00	-664.09	-78.45	-1230.84	-5.51	504.11	-110.82
7929	7.40	1.65	4.00	-776.57	-86.29	-1194.81	23.75	593.66	35.92
7930	7.43	0.55	4.00	-780.20	-88.38	-1167.09	14.47	589.07	-11.17
7931	7.43	-0.55	4.00	-779.01	-89.46	-1140.49	5.02	580.93	-56.01
7932	7.40	-1.65	4.00	-773.09	-89.32	-1115.29	-5.23	569.47	-98.95
7933	8.54	1.65	4.00	-899.13	-104.97	-1083.63	21.23	647.67	36.22
7934	8.57	0.55	4.00	-902.21	-107.35	-1057.51	12.81	642.96	-6.34
7935	8.57	-0.55	4.00	-900.28	-107.97	-1032.90	4.48	634.58	-46.97
7936	8.54	-1.65	4.00	-893.45	-106.66	-1009.96	-4.86	622.76	-85.90
7937	9.68	1.65	4.00	-1033.83	-132.25	-989.22	16.89	689.07	35.31
7938	9.71	0.55	4.00	-1036.10	-135.07	-964.69	10.03	684.42	-2.00
7939	9.71	-0.55	4.00	-1033.49	-135.22	-941.90	3.56	676.08	-37.63
7940	9.68	-1.65	4.00	-1026.10	-132.54	-920.94	-4.12	664.26	-71.83
7941	10.82	1.65	4.00	-1183.04	-170.48	-919.02	10.73	718.65	32.76
7942	10.86	0.55	4.00	-1184.26	-173.66	-896.09	6.22	714.19	1.55
7943	10.86	-0.55	4.00	-1181.04	-173.31	-874.87	2.36	706.13	-28.23
7944	10.82	-1.65	4.00	-1173.50	-169.36	-855.37	-2.83	694.63	-56.84
7945	11.95	1.65	4.00	-1352.31	-222.14	-881.86	3.01	737.24	28.10
7946	12.00	0.55	4.00	-1352.24	-225.34	-860.65	1.53	733.07	3.99
7947	12.00	-0.55	4.00	-1348.50	-224.49	-840.66	1.01	725.45	-18.90
7948	11.95	-1.65	4.00	-1341.23	-219.58	-821.85	-1.01	714.54	-40.89
7949	13.09	1.65	4.00	-1553.98	-289.61	-889.10	-6.06	745.07	20.86
7950	13.14	0.55	4.00	-1551.81	-292.83	-869.78	-4.08	740.99	5.16
7951	13.14	-0.55	4.00	-1547.62	-291.48	-850.63	-0.19	733.95	-9.82
7952	13.09	-1.65	4.00	-1541.55	-285.56	-831.54	1.43	724.08	-23.83
7953	14.23	1.65	4.00	-1814.27	-375.76	-958.29	-17.75	740.54	11.08
7954	14.28	0.55	4.00	-1806.72	-381.17	-940.75	-11.63	734.86	5.37
7955	14.28	-0.55	4.00	-1802.03	-379.32	-922.00	-0.01	728.47	-1.46
7956	14.23	-1.65	4.00	-1800.43	-370.18	-901.91	5.99	721.51	-5.93
7957	15.37	1.65	4.00	-2188.38	-487.72	-1125.16	-37.40	718.06	1.48
7958	15.43	0.55	4.00	-2166.18	-501.99	-1107.12	-24.18	703.35	6.80
7959	15.43	-0.55	4.00	-2160.75	-499.63	-1088.24	4.41	697.60	4.09
7960	15.37	-1.65	4.00	-2172.47	-480.57	-1068.52	17.89	701.08	10.03
7961	16.51	1.65	4.00	-2775.06	-650.27	-1543.32	-70.27	659.56	1.15
7962	16.57	0.55	4.00	-2725.09	-684.69	-1506.34	-43.37	611.95	13.31
7963	16.57	-0.55	4.00	-2718.50	-681.70	-1486.37	13.54	606.82	3.46
7964	16.51	-1.65	4.00	-2755.51	-641.25	-1483.51	41.09	644.39	15.50
7965	17.65	1.65	4.00	-3868.97	-896.64	-2344.17	-116.18	872.37	57.23
7966	17.71	0.55	4.00	-3803.26	-979.37	-2263.27	-75.40	767.71	42.41
7967	17.71	-0.55	4.00	-3793.64	-975.16	-2244.13	28.01	761.60	-21.38
7968	17.65	-1.65	4.00	-3840.61	-885.21	-2286.22	69.43	853.63	-35.79
7969	0.58	1.65	3.00	-266.61	-70.09	-1739.05	14.90	-23.73	37.60
7970	0.58	0.55	3.00	-268.82	-70.55	-1710.63	5.78	-22.76	-26.05
7971	0.58	-0.55	3.00	-270.37	-72.19	-1679.63	-3.40	-23.56	-86.70
7972	0.58	-1.65	3.00	-271.18	-74.72	-1646.60	-12.62	-26.10	-145.00
7973	1.73	1.65	3.00	-318.91	-68.85	-1644.26	16.69	92.60	35.65
7974	1.74	0.55	3.00	-321.57	-69.30	-1615.60	7.80	92.43	-25.85
7975	1.74	-0.55	3.00	-322.95	-70.87	-1585.02	-1.28	90.16	-84.41
7976	1.73	-1.65	3.00	-322.99	-73.27	-1553.00	-10.48	85.84	-140.64
7977	2.89	1.65	3.00	-383.91	-69.16	-1539.43	18.48	198.86	34.70
7978	2.90	0.55	3.00	-386.89	-69.52	-1510.96	9.63	197.58	-24.45
7979	2.90	-0.55	3.00	-387.96	-70.93	-1481.16	0.50	193.92	-80.75
7980	2.89	-1.65	3.00	-387.05	-73.14	-1450.50	-8.83	188.01	-134.80
7981	4.04	1.65	3.00	-461.15	-71.53	-1427.99	19.97	293.92	34.53
7982	4.05	0.55	3.00	-464.34	-71.77	-1400.06	11.07	291.64	-21.99
7983	4.05	-0.55	3.00	-464.96	-72.95	-1371.37	1.86	286.77	-75.85
7984	4.04	-1.65	3.00	-462.97	-74.84	-1342.35	-7.67	279.46	-127.53
7985	5.19	1.65	3.00	-550.39	-76.68	-1313.66	20.86	376.87	34.82
7986	5.21	0.55	3.00	-553.67	-76.84	-1286.54	11.94	373.77	-18.73
7987	5.21	-0.55	3.00	-553.74	-77.74	-1259.22	2.72	367.89	-69.84
7988	5.19	-1.65	3.00	-550.58	-79.15	-1232.07	-6.95	359.42	-118.88
7989	6.35	1.65	3.00	-651.50	-85.59	-1200.64	20.88	446.87	35.19
7990	6.37	0.55	3.00	-654.73	-85.82	-1174.50	12.08	443.14	-14.96
7991	6.37	-0.55	3.00	-654.18	-86.38	-1148.72	3.08	436.51	-62.89
7992	6.35	-1.65	3.00	-649.87	-87.06	-1123.60	-6.53	427.16	-108.90
7993	7.50	1.65	3.00	-764.43	-99.53	-1093.83	19.74	503.24	35.19
7994	7.53	0.55	3.00	-767.43	-100.02	-1068.77	11.36	499.08	-11.01
7995	7.53	-0.55	3.00	-766.24	-100.20	-1044.60	2.96	491.95	-55.20
7996	7.50	-1.65	3.00	-760.91	-99.89	-1021.52	-6.24	482.02	-97.66
7997	8.66	1.65	3.00	-889.34	-120.08	-998.96	17.21	545.40	34.35
7998	8.69	0.55	3.00	-891.87	-121.03	-975.03	9.72	541.01	-7.21
7999	8.69	-0.55	3.00	-890.05	-120.81	-952.42	2.46	533.62	-46.97
8000	8.66	-1.65	3.00	-883.96	-119.28	-931.26	-5.80	523.43	-85.22
8001	9.81	1.65	3.00	-1026.80	-149.13	-922.86	13.14	572.79	32.18
8002	9.85	0.55	3.00	-1028.62	-150.60	-900.09	7.17	568.35	-3.92
8003	9.85	-0.55	3.00	-1026.22	-149.98	-878.90	1.66	560.95	-38.36
8004	9.81	-1.65	3.00	-1019.71	-147.14	-859.34	-5.00	550.75	-71.58
8005	10.97	1.65	3.00	-1178.26	-188.67	-873.89	7.74	584.43	28.12
8006	11.00	0.55	3.00	-1179.21	-190.50	-852.36	3.85	580.15	-1.47
8007	11.00	-0.55	3.00	-1176.32	-189.47	-832.35	0.61	572.94	-29.52
8008	10.97	-1.65	3.00	-1169.69	-185.51	-813.86	-3.84	562.92	-56.62
8009	12.12	1.65	3.00	-1346.86	-240.32	-863.08	1.65	578.00	21.52
8010	12.16	0.55	3.00	-1346.76	-242.26	-842.91	-0.01	574.06	-0.19
8011	12.16	-0.55	3.00	-1343.47	-240.84	-823.77	-0.63	567.19	-20.50
8012	12.12	-1.65	3.00	-1337.12	-236.03	-805.61	-2.69	557.50	-40.11
8013	13.27	1.65	3.00	-1538.36	-304.61	-906.61	-4.60	547.89	11.84
8014	13.32	0.55	3.00	-1535.93	-307.47	-888.08	-4.48	544.16	-0.25
8015	13.32	-0.55	3.00	-1532.36	-305.70	-869.44	-1.67	537.76	-11.46
8016	13.27	-1.65	3.00	-1527.81	-299.29	-850.59	-1.74	528.77	-21.80
8017	14.43	1.65	3.00	-1760.91	-380.45	-1032.15	-12.92	481.81	-0.35
8018	14.48	0.55	3.00	-1749.80	-389.23	-1015.78	-11.29	476.26	-1.13
8019	14.48	-0.55	3.00	-1746.04	-387.20	-997.19	-0.50	470.42	-3.15

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
8020	14.43	-1.65	3.00	-1749.92	-374.32	-976.25	1.32	464.38	-2.57
8021	15.58	1.65	3.00	-2018.74	-465.00	-1294.51	-32.73	357.57	-9.08
8022	15.64	0.55	3.00	-1975.69	-494.70	-1280.27	-26.87	339.49	0.77
8023	15.64	-0.55	3.00	-1971.83	-492.59	-1261.20	9.50	334.19	0.68
8024	15.58	-1.65	3.00	-2007.66	-458.61	-1237.23	16.19	341.93	11.30
8025	16.74	1.65	3.00	-2293.76	-558.51	-1780.45	-86.28	212.55	20.53
8026	16.80	0.55	3.00	-2163.26	-622.30	-1761.79	-56.35	135.48	22.34
8027	16.80	-0.55	3.00	-2159.77	-620.04	-1741.79	33.60	130.12	-17.17
8028	16.74	-1.65	3.00	-2283.20	-552.65	-1721.14	64.57	196.96	-15.28
8029	17.89	1.65	3.00	-2557.32	-576.68	-1964.47	-166.06	108.00	153.81
8030	17.95	0.55	3.00	-2315.50	-594.34	-1856.56	-52.49	-135.07	45.85
8031	17.95	-0.55	3.00	-2314.16	-592.61	-1841.19	26.51	-138.87	-43.82
8032	17.89	-1.65	3.00	-2548.87	-572.69	-1915.12	138.48	92.22	-148.83
8033	-0.57	-1.65	4.00	-237.72	-72.90	-1894.60	-14.17	-123.60	-152.65
8034	-0.57	-0.55	4.00	-236.54	-70.75	-1931.45	-5.63	-122.63	-91.92
8035	-0.57	0.55	4.00	-234.50	-68.08	-1966.46	2.93	-123.45	-28.78
8036	-0.57	1.65	4.00	-231.67	-65.16	-1999.00	11.60	-126.02	38.00
8037	-1.71	-1.65	4.00	-207.14	-74.97	-1967.52	-17.24	-261.46	-154.34
8038	-1.71	-0.55	4.00	-205.54	-72.71	-2004.73	-8.47	-262.70	-91.40
8039	-1.71	0.55	4.00	-203.66	-70.13	-2039.27	0.39	-265.22	-26.00
8040	-1.71	1.65	4.00	-201.58	-67.52	-2070.50	9.52	-268.94	42.88
8041	-2.85	-1.65	4.00	-190.89	-77.35	-2020.61	-20.71	-404.55	-154.22
8042	-2.86	-0.55	4.00	-189.12	-74.97	-2057.67	-11.26	-408.11	-89.28
8043	-2.86	0.55	4.00	-187.58	-72.57	-2091.26	-1.65	-412.22	-21.87
8044	-2.85	1.65	4.00	-186.33	-70.45	-2120.80	8.38	-416.75	48.81
8045	-3.98	-1.65	4.00	-190.17	-80.31	-2051.50	-24.44	-548.90	-152.07
8046	-4.00	-0.55	4.00	-188.54	-77.81	-2087.79	-13.84	-554.82	-85.59
8047	-4.00	0.55	4.00	-187.48	-75.69	-2120.03	-3.01	-560.34	-16.65
8048	-3.98	1.65	4.00	-187.03	-74.21	-2147.71	8.35	-565.29	55.27
8049	-5.12	-1.65	4.00	-205.23	-84.18	-2059.65	-28.14	-689.33	-147.68
8050	-5.14	-0.55	4.00	-204.09	-81.63	-2094.48	-16.04	-697.52	-80.40
8051	-5.14	0.55	4.00	-203.63	-79.85	-2125.05	-3.61	-704.21	-10.70
8052	-5.12	1.65	4.00	-203.85	-79.10	-2150.92	9.42	-709.19	61.64
8053	-6.26	-1.65	4.00	-234.93	-89.35	-2047.14	-31.46	-819.93	-140.96
8054	-6.28	-0.55	4.00	-234.62	-86.83	-2079.82	-17.65	-830.14	-73.85
8055	-6.28	0.55	4.00	-234.81	-85.46	-2108.51	-3.43	-837.72	-4.41
8056	-6.26	1.65	4.00	-235.49	-85.46	-2132.82	11.39	-842.43	67.32
8057	-7.40	-1.65	4.00	-276.27	-96.08	-2019.01	-33.96	-934.89	-131.94
8058	-7.43	-0.55	4.00	-277.05	-93.75	-2048.98	-18.52	-946.70	-66.15
8059	-7.43	0.55	4.00	-277.91	-92.83	-2075.68	-2.58	-954.85	1.84
8060	-7.40	1.65	4.00	-278.80	-93.54	-2098.84	13.92	-959.11	71.76
8061	-8.54	-1.65	4.00	-324.62	-104.54	-1983.23	-35.22	-1029.24	-120.84
8062	-8.57	-0.55	4.00	-326.64	-102.55	-2010.12	-18.50	-1042.12	-57.57
8063	-8.57	0.55	4.00	-328.11	-102.11	-2034.87	-1.22	-1050.56	7.70
8064	-8.54	1.65	4.00	-328.98	-103.40	-2057.31	16.54	-1054.33	74.55
8065	-9.68	-1.65	4.00	-373.84	-114.63	-1950.11	-34.87	-1099.51	-108.00
8066	-9.71	-0.55	4.00	-377.08	-113.16	-1973.83	-17.51	-1112.89	-48.45
8067	-9.71	0.55	4.00	-379.08	-113.20	-1996.80	0.41	-1121.35	12.86
8068	-9.68	1.65	4.00	-379.75	-114.91	-2018.92	18.72	-1124.67	75.46
8069	-10.82	-1.65	4.00	-416.99	-126.05	-1931.43	-32.62	-1143.78	-93.84
8070	-10.86	-0.55	4.00	-421.28	-125.25	-1952.22	-15.56	-1157.09	-39.12
8071	-10.86	0.55	4.00	-423.67	-125.76	-1973.68	2.04	-1165.35	17.11
8072	-10.82	1.65	4.00	-424.05	-127.67	-1995.78	19.92	-1168.36	74.37
8073	-11.95	-1.65	4.00	-446.55	-138.15	-1939.42	-28.31	-1161.15	-78.78
8074	-12.00	-0.55	4.00	-451.56	-138.17	-1957.84	-12.70	-1173.93	-29.87
8075	-12.00	0.55	4.00	-454.17	-139.09	-1978.14	3.37	-1181.83	20.27
8076	-11.95	1.65	4.00	-454.28	-140.97	-2000.36	19.62	-1184.69	71.24
8077	-13.09	-1.65	4.00	-455.13	-149.97	-1985.45	-21.91	-1150.68	-63.13
8078	-13.14	-0.55	4.00	-460.36	-150.90	-2002.37	-9.08	-1162.58	-20.97
8079	-13.14	0.55	4.00	-463.01	-152.17	-2021.93	4.10	-1170.01	22.18
8080	-13.09	1.65	4.00	-462.98	-153.80	-2044.20	17.39	-1172.85	66.00
8081	-14.23	-1.65	4.00	-436.12	-160.07	-2077.58	-13.61	-1109.61	-47.02
8082	-14.28	-0.55	4.00	-440.95	-161.96	-2094.15	-4.92	-1120.33	-12.57
8083	-14.28	0.55	4.00	-443.43	-163.51	-2113.41	3.97	-1127.23	22.64
8084	-14.23	1.65	4.00	-443.51	-164.66	-2135.42	12.95	-1130.21	58.40
8085	-15.37	-1.65	4.00	-387.35	-166.92	-2217.39	-4.08	-1033.46	-30.47
8086	-15.43	-0.55	4.00	-391.05	-169.72	-2234.94	-0.61	-1042.62	-4.81
8087	-15.43	0.55	4.00	-393.18	-171.45	-2254.27	2.89	-1048.90	21.38
8088	-15.37	1.65	4.00	-393.75	-172.02	-2275.49	6.51	-1052.28	48.11
8089	-16.51	-1.65	4.00	-311.74	-168.68	-2395.84	5.54	-917.52	-13.71
8090	-16.57	-0.55	4.00	-313.65	-172.40	-2415.52	3.29	-924.55	2.08
8091	-16.57	0.55	4.00	-315.30	-174.20	-2435.20	1.02	-930.13	18.19
8092	-16.51	1.65	4.00	-316.74	-173.99	-2455.01	-1.18	-934.30	34.89
8093	-17.65	-1.65	4.00	-222.82	-166.00	-2598.40	13.44	-763.15	2.28
8094	-17.71	-0.55	4.00	-222.63	-170.01	-2620.82	6.27	-767.47	7.50
8095	-17.71	0.55	4.00	-223.82	-171.75	-2640.97	-1.16	-772.30	12.94
8096	-17.65	1.65	4.00	-226.42	-171.14	-2658.96	-8.40	-777.70	19.01
8097	-0.58	-1.65	3.00	-232.33	-77.20	-1728.15	-15.23	-146.57	-147.81
8098	-0.58	-0.55	3.00	-230.93	-74.57	-1761.83	-5.74	-145.95	-87.58
8099	-0.58	0.55	3.00	-229.38	-72.94	-1792.82	3.79	-146.67	-24.97
8100	-0.58	1.65	3.00	-227.73	-72.60	-1820.62	13.39	-148.68	40.61
8101	-1.73	-1.65	3.00	-207.33	-80.59	-1794.75	-18.25	-273.68	-148.97
8102	-1.74	-0.55	3.00	-205.59	-77.89	-1828.63	-8.16	-275.11	-87.00
8103	-1.74	0.55	3.00	-204.19	-76.36	-1859.23	2.03	-277.31	-22.64
8104	-1.73	1.65	3.00	-203.18	-76.26	-1886.04	12.44	-280.20	44.59
8105	-2.89	-1.65	3.00	-197.14	-84.96	-1844.07	-21.57	-404.75	-148.35
8106	-2.90	-0.55	3.00	-195.32	-82.22	-1877.64	-10.53	-408.28	-84.97
8107	-2.90	0.55	3.00	-194.21	-80.86	-1907.47	0.69	-411.87	-19.20
8108	-2.89	1.65	3.00	-193.87	-81.14	-1933.07	12.23	-415.39	49.27
8109	-4.04	-1.65	3.00	-202.29	-90.50	-1874.84	-24.98	-536.16	-145.82
8110	-4.05	-0.55	3.00	-200.69	-87.76	-1907.54	-12.67	-541.78	-81.51
8111	-4.05	0.55	3.00	-200.00	-86.65	-1936.26	-0.10	-546.60	-14.85
8112	-4.04	1.65	3.00	-200.28	-87.41	-1960.57	12.87	-550.47	54.29
8113	-5.19	-1.65	3.00	-222.56	-97.47	-1887.48	-28.25	-663.55	-141.30
8114	-5.21	-0.55	3.00	-221.48	-94.80	-1918.73	-14.44	-671.13	-76.73
8115	-5.21	0.55	3.00	-221.32	-94.00	-1946.09	-0.28	-676.99	-9.87
8116	-5.19	1.65	3.00	-222.09	-95.30	-1969.20	14.33	-680.93	59.21
8117	-6.35	-1.65	3.00	-256.55	-106.14	-1884.63	-31.06	-782.25	-134.80
8118	-6.37	-0.55	3.00	-256.28	-103.64	-1913.87	-15.66	-791.54	-70.76

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
8119	-6.37	0.55	3.00	-256.69	-103.21	-1939.71	0.15	-798.19	-4.56
8120	-6.35	1.65	3.00	-257.78	-105.04	-1961.85	16.41	-802.01	63.59
8121	-7.50	-1.65	3.00	-301.50	-116.73	-1871.37	-33.06	-887.87	-126.43
8122	-7.53	-0.55	3.00	-302.26	-114.52	-1898.16	-16.21	-898.49	-63.84
8123	-7.53	0.55	3.00	-303.25	-114.49	-1922.41	1.11	-905.70	0.79
8124	-7.50	1.65	3.00	-304.46	-116.81	-1943.90	18.85	-909.28	67.07
8125	-8.66	-1.65	3.00	-353.29	-129.32	-1855.16	-33.90	-976.90	-116.45
8126	-8.69	-0.55	3.00	-355.19	-127.55	-1879.26	-15.98	-988.40	-56.19
8127	-8.69	0.55	3.00	-356.74	-127.94	-1901.97	2.46	-995.92	5.90
8128	-8.66	1.65	3.00	-357.89	-130.64	-1923.16	21.25	-999.26	69.40
8129	-9.81	-1.65	3.00	-406.63	-143.88	-1845.59	-33.29	-1047.10	-105.18
8130	-9.85	-0.55	3.00	-409.68	-142.68	-1866.97	-14.91	-1059.01	-48.12
8131	-9.85	0.55	3.00	-411.71	-143.48	-1888.29	3.99	-1066.64	10.56
8132	-9.81	1.65	3.00	-412.65	-146.41	-1909.49	23.16	-1069.79	70.44
8133	-10.97	-1.65	3.00	-455.17	-160.12	-1853.83	-30.96	-1097.60	-93.04
8134	-11.00	-0.55	3.00	-459.26	-159.62	-1872.73	-13.00	-1109.49	-39.91
8135	-11.00	0.55	3.00	-461.67	-160.82	-1892.89	5.46	-1117.06	14.62
8136	-10.97	1.65	3.00	-462.31	-163.80	-1914.34	24.09	-1120.14	70.15
8137	-12.12	-1.65	3.00	-491.60	-177.49	-1892.16	-26.71	-1128.36	-80.37
8138	-12.16	-0.55	3.00	-496.49	-177.82	-1909.10	-10.28	-1139.90	-31.79
8139	-12.16	0.55	3.00	-499.14	-179.37	-1928.44	6.57	-1147.29	17.95
8140	-12.12	1.65	3.00	-499.47	-182.19	-1950.23	23.52	-1150.39	68.54
8141	-13.27	-1.65	3.00	-507.31	-195.02	-1973.26	-20.35	-1138.85	-67.38
8142	-13.32	-0.55	3.00	-512.63	-196.28	-1989.06	-6.84	-1149.84	-23.97
8143	-13.32	0.55	3.00	-515.37	-198.13	-2007.95	6.99	-1156.99	20.41
8144	-13.27	1.65	3.00	-515.45	-200.56	-2030.03	20.87	-1160.18	65.52
8145	-14.43	-1.65	3.00	-492.34	-211.14	-2108.96	-11.82	-1125.50	-53.95
8146	-14.48	-0.55	3.00	-497.54	-213.44	-2124.77	-2.85	-1135.87	-16.50
8147	-14.48	0.55	3.00	-500.15	-215.53	-2143.64	6.34	-1142.72	21.76
8148	-14.43	1.65	3.00	-500.18	-217.33	-2165.66	15.56	-1145.98	60.66
8149	-15.58	-1.65	3.00	-436.62	-222.80	-2301.59	-1.39	-1075.88	-39.32
8150	-15.64	-0.55	3.00	-440.83	-226.16	-2318.91	1.42	-1085.40	-9.27
8151	-15.64	0.55	3.00	-443.09	-228.40	-2338.14	4.30	-1091.84	21.46
8152	-15.58	1.65	3.00	-443.47	-229.39	-2359.41	7.28	-1095.20	52.82
8153	-16.74	-1.65	3.00	-349.08	-228.50	-2539.81	9.03	-977.55	-23.09
8154	-16.80	-0.55	3.00	-351.32	-232.93	-2560.06	5.09	-985.50	-2.36
8155	-16.80	0.55	3.00	-353.08	-235.21	-2579.91	1.21	-991.35	18.93
8156	-16.74	1.65	3.00	-354.45	-235.17	-2599.55	-2.60	-995.18	40.91
8157	-17.89	-1.65	3.00	-235.62	-224.93	-2788.34	17.39	-822.28	-5.79
8158	-17.95	-0.55	3.00	-235.49	-229.66	-2811.86	7.54	-827.59	3.77
8159	-17.95	0.55	3.00	-236.74	-231.75	-2832.31	-2.54	-832.67	13.83
8160	-17.89	1.65	3.00	-239.41	-231.08	-2849.94	-12.41	-837.59	24.58
8161	0.57	2.50	4.00	-271.72	-61.13	-1933.56	20.88	6.94	87.44
8162	1.70	2.50	4.00	-326.68	-59.95	-1830.26	23.84	133.58	83.56
8163	2.83	2.50	4.00	-393.17	-59.88	-1715.56	26.84	249.76	80.90
8164	3.97	2.50	4.00	-470.82	-61.45	-1592.94	29.45	354.65	79.15
8165	5.10	2.50	4.00	-559.55	-65.37	-1466.06	31.28	447.51	77.79
8166	6.23	2.50	4.00	-659.43	-72.58	-1339.05	31.98	527.73	76.28
8167	7.36	2.50	4.00	-770.55	-84.33	-1216.71	31.18	594.88	74.05
8168	8.50	2.50	4.00	-893.30	-102.25	-1104.64	28.47	648.93	70.58
8169	9.63	2.50	4.00	-1028.61	-128.50	-1009.25	23.44	690.32	65.40
8170	10.76	2.50	4.00	-1178.87	-165.77	-937.90	15.84	719.83	58.03
8171	11.90	2.50	4.00	-1349.50	-217.14	-899.24	6.03	738.30	47.81
8172	13.03	2.50	4.00	-1552.87	-285.22	-904.38	-4.91	746.02	33.73
8173	14.16	2.50	4.00	-1816.82	-371.62	-971.21	-16.09	742.38	14.41
8174	15.29	2.50	4.00	-2200.44	-478.15	-1135.26	-29.10	725.10	-11.49
8175	16.43	2.50	4.00	-2813.76	-626.34	-1566.98	-46.03	695.53	-40.83
8176	17.56	2.50	4.00	-3901.34	-819.42	-2394.52	-55.26	946.95	-21.28
8177	0.56	3.10	4.00	-268.86	-60.29	-1948.62	25.46	4.43	126.65
8178	1.69	3.10	4.00	-323.02	-59.14	-1846.03	28.28	131.48	121.42
8179	2.82	3.10	4.00	-388.77	-59.21	-1731.69	31.28	248.08	117.23
8180	3.94	3.10	4.00	-465.73	-60.93	-1609.15	34.02	353.30	113.74
8181	5.07	3.10	4.00	-553.80	-64.91	-1482.16	36.10	446.40	110.42
8182	6.20	3.10	4.00	-653.05	-71.97	-1354.96	37.13	526.72	106.68
8183	7.33	3.10	4.00	-763.69	-83.23	-1232.38	36.71	593.91	101.94
8184	8.45	3.10	4.00	-886.26	-100.23	-1120.04	34.29	647.97	95.67
8185	9.58	3.10	4.00	-1021.87	-125.15	-1024.26	29.27	689.40	87.38
8186	10.71	3.10	4.00	-1173.00	-161.00	-952.26	21.09	718.98	76.59
8187	11.83	3.10	4.00	-1344.83	-211.62	-912.49	9.91	737.49	62.54
8188	12.96	3.10	4.00	-1548.98	-280.64	-915.78	-2.62	744.99	43.84
8189	14.09	3.10	4.00	-1812.52	-370.11	-979.66	-13.27	740.51	17.72
8190	15.22	3.10	4.00	-2194.49	-480.03	-1139.07	-19.40	721.46	-20.54
8191	16.34	3.10	4.00	-2806.69	-627.99	-1561.20	-14.60	691.64	-79.05
8192	17.47	3.10	4.00	-3893.07	-813.62	-2366.60	3.80	941.58	-99.51
8193	0.57	2.50	3.00	-264.56	-70.79	-1759.00	21.92	-25.54	89.12
8194	1.72	2.50	3.00	-316.13	-69.51	-1664.78	23.43	91.42	85.48
8195	2.87	2.50	3.00	-380.46	-69.85	-1560.21	25.12	198.32	82.60
8196	4.02	2.50	3.00	-457.10	-72.24	-1448.76	26.63	294.00	80.25
8197	5.17	2.50	3.00	-545.82	-77.31	-1334.22	27.64	377.46	78.07
8198	6.32	2.50	3.00	-646.53	-85.92	-1220.86	27.79	447.87	75.62
8199	7.47	2.50	3.00	-759.30	-99.24	-1113.62	26.67	504.55	72.40
8200	8.61	2.50	3.00	-884.38	-118.84	-1018.23	23.87	546.92	67.87
8201	9.76	2.50	3.00	-1022.42	-146.77	-941.45	19.05	574.41	61.45
8202	10.91	2.50	3.00	-1174.77	-185.44	-891.59	12.31	586.00	52.40
8203	12.06	2.50	3.00	-1344.34	-236.98	-879.51	4.72	579.31	39.75
8204	13.21	2.50	3.00	-1537.21	-301.52	-921.32	-1.35	548.83	22.30
8205	14.36	2.50	3.00	-1764.98	-374.49	-1043.73	-3.56	483.35	-1.07
8206	15.51	2.50	3.00	-2044.66	-444.89	-1304.74	-2.21	368.12	-27.45
8207	16.66	2.50	3.00	-2390.60	-490.95	-1772.35	-5.26	259.24	-32.65
8208	17.80	2.50	3.00	-2875.94	-489.33	-2092.46	-56.11	386.94	76.46
8209	0.57	3.10	3.00	-262.95	-72.33	-1771.20	26.84	-27.58	126.77
8210	1.71	3.10	3.00	-313.71	-71.00	-1677.68	28.08	89.59	121.93
8211	2.86	3.10	3.00	-377.24	-71.34	-1573.63	29.65	196.78	117.63
8212	4.00	3.10	3.00	-453.09	-73.71	-1462.53	31.20	292.74	113.66
8213	5.14	3.10	3.00	-541.05	-78.63	-1348.22	32.38	376.47	109.63
8214	6.29	3.10	3.00	-641.08	-86.86	-1235.00	32.79	447.12	105.08
8215	7.43	3.10	3.00	-753.35	-99.47	-1127.82	31.99	504.02	99.51
8216	8.57	3.10	3.00	-878.28	-117.98	-1032.39	29.41	546.60	92.36
8217	9.71	3.10	3.00	-1016.66	-144.50	-955.41	24.49	574.28	82.98

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
8218	10.86	3.10	3.00	-1169.83	-181.88	-905.02	17.07	585.97	70.53
8219	12.00	3.10	3.00	-1340.16	-233.08	-891.96	8.32	579.15	53.82
8220	13.14	3.10	3.00	-1532.70	-299.14	-932.18	2.04	548.12	31.08
8221	14.29	3.10	3.00	-1758.21	-374.85	-1051.91	5.17	481.24	-0.09
8222	15.43	3.10	3.00	-2034.77	-446.76	-1308.29	26.93	364.06	-42.27
8223	16.57	3.10	3.00	-2382.28	-482.48	-1763.72	78.03	252.39	-75.65
8224	17.72	3.10	3.00	-2888.31	-473.28	-2054.79	192.93	371.23	-87.35
8225	-0.57	2.50	4.00	-229.07	-63.13	-2021.97	18.42	-129.02	92.66
8226	-0.56	3.10	4.00	-227.05	-62.42	-2035.97	23.30	-131.80	133.01
8227	-1.70	2.50	4.00	-199.91	-65.84	-2092.00	16.88	-272.43	99.02
8228	-1.69	3.10	4.00	-198.77	-65.42	-2104.71	22.25	-275.21	140.29
8229	-2.83	2.50	4.00	-185.57	-69.31	-2140.63	16.57	-420.35	106.07
8230	-2.82	3.10	4.00	-185.25	-69.35	-2151.95	22.62	-422.78	147.94
8231	-3.97	2.50	4.00	-187.06	-73.76	-2165.88	17.66	-568.58	113.15
8232	-3.94	3.10	4.00	-187.38	-74.35	-2175.99	24.54	-570.32	155.22
8233	-5.10	2.50	4.00	-204.42	-79.42	-2167.72	20.02	-711.81	119.48
8234	-5.07	3.10	4.00	-205.10	-80.60	-2177.01	27.83	-712.58	161.26
8235	-6.23	2.50	4.00	-236.27	-86.54	-2148.75	23.35	-844.15	124.30
8236	-6.20	3.10	4.00	-236.97	-88.28	-2157.73	32.06	-843.81	165.23
8237	-7.36	2.50	4.00	-279.46	-95.27	-2114.46	27.09	-959.88	127.00
8238	-7.33	3.10	4.00	-279.85	-97.47	-2123.74	36.58	-958.47	166.48
8239	-8.50	2.50	4.00	-329.23	-105.62	-2073.20	30.57	-1054.26	127.13
8240	-8.45	3.10	4.00	-329.05	-108.10	-2083.31	40.57	-1051.98	164.57
8241	-9.63	2.50	4.00	-379.42	-117.39	-2035.50	33.05	-1124.02	124.51
8242	-9.58	3.10	4.00	-378.53	-119.91	-2046.83	43.17	-1121.17	159.35
8243	-10.76	2.50	4.00	-423.11	-130.12	-2013.29	33.79	-1167.43	119.12
8244	-10.71	3.10	4.00	-421.51	-132.45	-2025.96	43.52	-1164.37	150.87
8245	-11.90	2.50	4.00	-452.85	-143.11	-2018.75	32.14	-1183.77	111.01
8246	-11.83	3.10	4.00	-450.72	-144.97	-2032.62	40.88	-1180.84	139.23
8247	-13.03	2.50	4.00	-461.35	-155.34	-2063.13	27.58	-1172.22	100.17
8248	-12.96	3.10	4.00	-459.04	-156.47	-2077.71	34.67	-1169.70	124.44
8249	-14.16	2.50	4.00	-442.17	-165.36	-2154.18	19.84	-1130.12	86.32
8250	-14.09	3.10	4.00	-440.22	-165.58	-2168.65	24.66	-1128.31	106.23
8251	-15.29	2.50	4.00	-393.32	-171.75	-2293.10	9.37	-1053.12	69.06
8252	-15.22	3.10	4.00	-392.42	-170.96	-2306.39	11.46	-1052.43	84.15
8253	-16.43	2.50	4.00	-317.74	-172.88	-2470.48	-2.69	-936.69	48.21
8254	-16.34	3.10	4.00	-318.48	-171.24	-2481.53	-3.41	-937.74	58.01
8255	-17.56	2.50	4.00	-229.15	-168.21	-2671.43	-13.75	-782.23	24.33
8256	-17.47	3.10	4.00	-231.92	-165.81	-2679.43	-17.38	-785.69	28.72
8257	-0.57	2.50	3.00	-226.46	-73.45	-1839.70	20.91	-150.99	93.58
8258	-0.57	3.10	3.00	-225.63	-75.13	-1851.03	26.26	-153.11	132.20
8259	-1.72	2.50	3.00	-202.70	-77.40	-1904.05	20.69	-282.78	98.70
8260	-1.71	3.10	3.00	-202.62	-79.31	-1914.44	26.63	-284.76	138.04
8261	-2.87	2.50	3.00	-194.11	-82.69	-1949.93	21.45	-417.96	104.15
8262	-2.86	3.10	3.00	-194.66	-84.92	-1959.43	28.13	-419.55	143.89
8263	-4.02	2.50	3.00	-201.09	-89.44	-1976.41	23.25	-552.74	109.45
8264	-4.00	3.10	3.00	-202.09	-92.05	-1985.23	30.77	-553.71	149.22
8265	-5.17	2.50	3.00	-223.25	-97.85	-1984.30	25.97	-682.68	114.06
8266	-5.14	3.10	3.00	-224.45	-100.85	-1992.79	34.37	-682.86	153.44
8267	-6.32	2.50	3.00	-259.02	-108.09	-1976.61	29.31	-803.12	117.47
8268	-6.29	3.10	3.00	-260.13	-111.42	-1985.24	38.54	-802.46	156.00
8269	-7.47	2.50	3.00	-305.51	-120.26	-1958.80	32.81	-909.75	119.29
8270	-7.43	3.10	3.00	-306.26	-123.82	-1968.02	42.74	-908.33	156.51
8271	-8.61	2.50	3.00	-358.51	-134.34	-1938.61	35.93	-999.21	119.27
8272	-8.57	3.10	3.00	-358.70	-137.98	-1948.85	46.29	-997.23	154.75
8273	-9.76	2.50	3.00	-412.70	-150.17	-1925.84	38.03	-1069.45	117.36
8274	-9.71	3.10	3.00	-412.19	-153.69	-1937.36	48.46	-1067.17	150.70
8275	-10.91	2.50	3.00	-461.74	-167.36	-1931.75	38.46	-1119.74	113.61
8276	-10.86	3.10	3.00	-460.51	-170.54	-1944.64	48.47	-1117.43	144.48
8277	-12.06	2.50	3.00	-498.34	-185.29	-1968.65	36.50	-1150.15	108.12
8278	-12.00	3.10	3.00	-496.50	-187.88	-1982.77	45.50	-1148.05	136.26
8279	-13.21	2.50	3.00	-513.95	-202.92	-2049.11	31.44	-1160.21	100.81
8280	-13.14	3.10	3.00	-511.74	-204.64	-2064.00	38.74	-1158.45	125.94
8281	-14.36	2.50	3.00	-498.70	-218.65	-2184.68	22.55	-1146.30	91.12
8282	-14.29	3.10	3.00	-496.57	-219.26	-2199.51	27.39	-1144.92	112.87
8283	-15.51	2.50	3.00	-442.74	-229.42	-2377.17	9.58	-1095.92	77.40
8284	-15.43	3.10	3.00	-441.51	-228.73	-2390.62	11.22	-1095.06	95.05
8285	-16.66	2.50	3.00	-355.32	-234.09	-2614.73	-5.38	-996.94	58.29
8286	-16.57	3.10	3.00	-355.94	-232.32	-2625.44	-6.99	-997.30	70.92
8287	-17.80	2.50	3.00	-242.19	-227.73	-2861.73	-19.81	-841.29	33.43
8288	-17.72	3.10	3.00	-245.07	-225.00	-2869.01	-24.92	-843.83	40.27
8289	17.30	3.97	4.00	-3838.14	-862.08	-2258.04	54.97	867.68	-161.99
8290	17.02	5.09	4.00	-3744.77	-919.82	-2132.39	21.78	786.16	-129.05
8291	16.67	6.19	4.00	-3710.73	-915.28	-2075.61	-47.74	812.02	-49.31
8292	16.26	7.27	4.00	-3752.85	-844.26	-2051.05	-8.95	930.04	-21.49
8293	16.18	3.96	4.00	-2753.18	-653.12	-1528.95	5.71	654.88	-108.74
8294	15.92	5.08	4.00	-2693.08	-688.21	-1496.40	-19.31	624.37	-97.11
8295	15.60	6.19	4.00	-2682.91	-674.89	-1490.54	-51.76	650.38	-60.98
8296	15.21	7.27	4.00	-2685.15	-581.65	-1498.56	12.33	713.89	-48.86
8297	15.07	3.96	4.00	-2169.72	-490.45	-1142.36	-14.02	709.17	-24.31
8298	14.82	5.08	4.00	-2140.16	-493.28	-1149.11	-24.99	699.12	-10.41
8299	14.52	6.18	4.00	-2126.46	-447.16	-1164.35	-19.01	707.87	12.62
8300	14.16	7.27	4.00	-2061.76	-334.01	-1185.77	81.16	721.84	26.56
8301	13.95	3.96	4.00	-1799.25	-365.49	-991.99	-10.51	735.41	26.90
8302	13.73	5.08	4.00	-1779.63	-344.42	-1011.36	-4.07	730.34	45.75
8303	13.45	6.18	4.00	-1746.15	-289.55	-1036.87	33.01	728.30	67.66
8304	13.11	7.26	4.00	-1645.81	-214.02	-1070.10	130.16	722.56	87.68
8305	12.83	3.96	4.00	-1538.11	-269.28	-933.75	3.78	741.74	60.46
8306	12.63	5.08	4.00	-1514.48	-242.97	-960.44	23.02	735.91	85.00
8307	12.37	6.18	4.00	-1464.36	-202.89	-993.17	68.09	727.34	110.92
8308	12.06	7.26	4.00	-1358.42	-166.12	-1033.78	141.56	712.33	136.14
8309	11.72	3.96	4.00	-1331.97	-200.09	-933.41	19.79	734.10	84.94
8310	11.53	5.08	4.00	-1302.49	-179.64	-963.98	43.23	726.56	115.68
8311	11.29	6.18	4.00	-1246.37	-157.20	-1000.04	82.68	714.09	147.21
8312	11.01	7.26	4.00	-1150.67	-143.70	-1042.48	132.88	694.70	178.70
8313	10.60	3.96	4.00	-1157.94	-152.54	-974.67	32.25	715.13	104.17
8314	10.43	5.07	4.00	-1125.74	-140.28	-1006.71	54.20	706.21	141.26
8315	10.22	6.17	4.00	-1071.50	-130.83	-1043.03	84.55	691.50	179.05
8316	9.97	7.26	4.00	-990.39	-129.90	-1084.03	117.92	669.90	216.95

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
8317	9.49	3.96	4.00	-1005.89	-120.19	-1047.19	40.02	685.18	119.79
8318	9.33	5.07	4.00	-974.25	-114.75	-1079.06	58.35	675.41	163.18
8319	9.14	6.17	4.00	-925.68	-113.64	-1113.73	80.47	659.51	207.29
8320	8.92	7.26	4.00	-858.80	-119.77	-1151.35	102.53	636.78	251.42
8321	8.37	3.96	4.00	-870.66	-98.07	-1142.91	43.89	643.58	132.58
8322	8.24	5.07	4.00	-841.64	-97.32	-1173.68	58.47	633.43	182.02
8323	8.07	6.17	4.00	-799.97	-101.31	-1205.59	74.26	617.02	232.29
8324	7.87	7.26	4.00	-745.67	-111.56	-1238.67	88.83	593.85	282.42
8325	7.25	3.96	4.00	-749.33	-82.89	-1254.93	45.04	589.50	143.02
8326	7.14	5.07	4.00	-723.86	-85.01	-1284.12	56.50	579.32	198.16
8327	6.99	6.17	4.00	-689.12	-91.96	-1312.70	67.81	562.91	254.31
8328	6.82	7.26	4.00	-645.59	-104.64	-1340.56	77.55	539.83	310.20
8329	6.14	3.96	4.00	-640.31	-72.59	-1377.08	44.39	522.37	151.54
8330	6.04	5.06	4.00	-618.63	-76.23	-1404.50	53.59	512.38	211.96
8331	5.92	6.16	4.00	-590.26	-84.77	-1429.50	61.95	496.36	273.66
8332	5.77	7.26	4.00	-555.83	-98.89	-1451.83	68.75	473.88	335.05
8333	5.02	3.95	4.00	-542.79	-65.87	-1503.81	42.59	442.07	158.67
8334	4.94	5.06	4.00	-524.74	-70.12	-1529.40	50.33	432.38	223.90
8335	4.84	6.16	4.00	-502.00	-79.40	-1550.77	56.97	417.02	290.72
8336	4.72	7.26	4.00	-475.25	-94.37	-1567.50	62.21	395.62	357.23
8337	3.91	3.95	4.00	-456.41	-61.85	-1630.22	40.05	348.92	165.00
8338	3.84	5.06	4.00	-441.68	-66.20	-1653.90	47.06	339.53	234.50
8339	3.76	6.16	4.00	-423.86	-75.73	-1671.63	52.97	325.05	305.92
8340	3.67	7.25	4.00	-403.60	-91.16	-1682.84	57.70	305.17	377.06
8341	2.79	3.95	4.00	-381.06	-59.95	-1751.97	37.15	243.53	171.12
8342	2.75	5.06	4.00	-369.36	-64.14	-1773.55	44.03	234.44	244.33
8343	2.69	6.16	4.00	-355.84	-73.70	-1787.64	49.99	221.03	319.71
8344	2.62	7.25	4.00	-341.14	-89.42	-1793.51	55.04	203.11	394.82
8345	1.67	3.95	4.00	-316.89	-59.71	-1865.17	34.25	126.72	177.56
8346	1.65	5.05	4.00	-308.00	-63.76	-1884.34	41.51	118.01	253.85
8347	1.61	6.15	4.00	-298.31	-73.32	-1894.74	48.15	105.93	332.46
8348	1.57	7.25	4.00	-288.41	-89.23	-1895.56	54.16	90.46	410.72
8349	0.56	3.95	4.00	-264.32	-60.84	-1966.20	31.81	-0.43	184.65
8350	0.55	5.05	4.00	-258.11	-64.92	-1982.62	39.87	-8.54	263.35
8351	0.54	6.15	4.00	-251.86	-74.57	-1989.31	47.65	-18.87	344.34
8352	0.52	7.25	4.00	-246.14	-90.68	-1985.50	55.08	-31.28	424.82
8353	17.55	3.96	3.00	-2588.97	-524.63	-1880.07	316.68	93.28	-141.67
8354	17.27	5.09	3.00	-2362.10	-527.66	-1738.49	229.98	-118.14	-49.22
8355	16.93	6.19	3.00	-2371.51	-540.98	-1670.32	184.38	-93.38	44.78
8356	16.52	7.27	3.00	-2617.13	-606.61	-1706.51	112.57	174.83	160.67
8357	16.41	3.96	3.00	-2278.11	-530.12	-1747.65	155.71	201.28	-117.32
8358	16.16	5.08	3.00	-2150.86	-594.88	-1709.35	139.98	145.13	-96.36
8359	15.84	6.19	3.00	-2149.44	-619.05	-1679.77	68.90	183.85	-32.81
8360	15.46	7.27	3.00	-2280.25	-585.32	-1656.02	62.01	312.17	-10.11
8361	15.28	3.96	3.00	-1989.01	-466.45	-1308.22	51.25	348.27	-50.05
8362	15.04	5.08	3.00	-1937.85	-492.92	-1310.47	40.99	339.35	-35.86
8363	14.75	6.18	3.00	-1940.51	-475.24	-1313.35	18.55	363.45	-5.83
8364	14.39	7.26	3.00	-1950.28	-381.19	-1312.90	80.22	413.86	21.24
8365	14.15	3.96	3.00	-1738.80	-378.16	-1064.20	12.26	476.81	6.71
8366	13.93	5.08	3.00	-1717.14	-370.96	-1080.77	13.28	475.57	26.16
8367	13.65	6.18	3.00	-1701.31	-327.06	-1098.65	34.62	485.66	55.04
8368	13.33	7.26	3.00	-1639.68	-251.08	-1118.36	119.80	507.71	90.76
8369	13.02	3.96	3.00	-1521.65	-292.34	-948.73	7.97	546.44	47.00
8370	12.81	5.08	3.00	-1502.49	-272.27	-972.45	22.65	545.67	73.54
8371	12.56	6.18	3.00	-1465.70	-234.93	-999.88	61.61	548.95	106.37
8372	12.26	7.26	3.00	-1378.62	-196.13	-1033.02	134.00	556.72	143.24
8373	11.89	3.96	3.00	-1329.24	-224.09	-911.38	17.08	577.98	76.21
8374	11.70	5.07	3.00	-1304.98	-206.45	-939.37	38.18	576.05	109.05
8375	11.47	6.18	3.00	-1257.64	-185.02	-971.97	76.17	574.43	145.52
8376	11.19	7.26	3.00	-1171.67	-171.16	-1010.63	127.96	572.58	183.85
8377	10.75	3.96	3.00	-1157.03	-175.08	-925.91	27.46	584.49	98.10
8378	10.59	5.07	3.00	-1129.26	-164.72	-955.78	48.59	580.93	136.44
8379	10.38	6.17	3.00	-1080.93	-156.46	-989.86	79.19	575.35	176.88
8380	10.13	7.26	3.00	-1005.83	-156.45	-1028.93	114.45	567.07	218.20
8381	9.62	3.96	3.00	-1002.76	-141.08	-976.79	34.84	572.25	115.03
8382	9.47	5.07	3.00	-974.71	-137.56	-1006.75	53.11	567.10	158.52
8383	9.28	6.17	3.00	-930.55	-138.16	-1039.85	76.05	558.56	203.35
8384	9.06	7.26	3.00	-868.22	-145.97	-1076.54	99.87	546.04	248.53
8385	8.49	3.96	3.00	-864.54	-117.51	-1053.59	38.84	544.00	128.45
8386	8.36	5.07	3.00	-838.56	-119.06	-1082.49	53.71	537.58	176.90
8387	8.19	6.17	3.00	-800.58	-125.26	-1113.16	70.51	526.99	226.32
8388	8.00	7.26	3.00	-750.30	-137.68	-1145.92	86.72	511.75	275.74
8389	7.36	3.96	3.00	-740.70	-101.13	-1148.44	40.30	500.95	139.31
8390	7.24	5.07	3.00	-718.02	-106.00	-1175.60	52.23	493.65	192.50
8391	7.10	6.17	3.00	-686.66	-115.64	-1203.05	64.61	481.78	246.52
8392	6.93	7.26	3.00	-646.98	-130.86	-1231.02	75.94	464.95	300.29
8393	6.23	3.96	3.00	-630.05	-89.84	-1254.83	40.12	443.71	148.25
8394	6.13	5.06	3.00	-611.09	-96.71	-1279.91	49.88	435.87	205.91
8395	6.01	6.16	3.00	-586.04	-108.38	-1303.74	59.35	423.37	264.39
8396	5.86	7.26	3.00	-555.45	-125.36	-1326.49	67.70	405.89	322.45
8397	5.09	3.95	3.00	-531.83	-82.31	-1367.15	39.01	372.79	155.85
8398	5.01	5.06	3.00	-516.59	-90.27	-1389.98	47.38	364.72	217.61
8399	4.92	6.16	3.00	-497.24	-103.10	-1410.06	55.14	352.14	280.28
8400	4.80	7.25	3.00	-474.40	-121.21	-1427.44	61.89	334.79	342.41
8401	3.96	3.95	3.00	-445.69	-77.70	-1480.46	37.45	288.86	162.59
8402	3.90	5.06	3.00	-433.93	-86.18	-1500.96	45.14	280.78	228.04
8403	3.82	6.16	3.00	-419.64	-99.64	-1517.27	52.15	268.58	294.51
8404	3.73	7.25	3.00	-403.40	-118.48	-1529.38	58.31	252.07	360.34
8405	2.83	3.95	3.00	-371.59	-75.44	-1590.42	35.83	192.75	168.93
8406	2.79	5.06	3.00	-363.02	-84.14	-1608.52	43.43	184.88	237.58
8407	2.73	6.16	3.00	-353.16	-97.95	-1621.13	50.44	173.49	307.35
8408	2.67	7.25	3.00	-342.54	-117.28	-1628.21	56.78	158.48	376.40
8409	1.70	3.95	3.00	-309.72	-75.14	-1693.16	34.48	85.51	175.24
8410	1.67	5.05	3.00	-304.06	-83.97	-1708.77	42.49	78.10	246.55
8411	1.64	6.15	3.00	-298.07	-98.00	-1717.83	50.07	67.96	319.00
8412	1.60	7.25	3.00	-292.26	-117.68	-1720.28	57.17	55.08	390.64
8413	0.57	3.95	3.00	-260.54	-76.56	-1785.20	33.73	-31.54	181.72
8414	0.56	5.05	3.00	-257.52	-85.56	-1798.27	42.54	-38.13	255.09
8415	0.55	6.15	3.00	-254.89	-99.80	-1804.03	51.14	-46.53	329.54

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
8416	0.53	7.25	3.00	-253.12	-119.76	-1802.45	59.41	-56.61	403.02
8417	-0.56	3.95	4.00	-224.12	-63.16	-2051.61	30.30	-136.56	192.54
8418	-0.55	5.05	4.00	-220.44	-67.53	-2065.02	39.51	-143.56	273.00
8419	-0.54	6.15	4.00	-217.31	-77.46	-2068.15	48.77	-151.49	355.44
8420	-0.52	7.25	4.00	-215.15	-93.80	-2060.39	57.86	-160.06	437.00
8421	-1.67	3.95	4.00	-197.38	-66.62	-2118.21	30.14	-279.36	200.93
8422	-1.65	5.05	4.00	-196.01	-71.55	-2128.63	40.78	-284.63	282.46
8423	-1.61	6.15	4.00	-195.52	-81.94	-2128.67	51.70	-289.46	365.39
8424	-1.57	7.25	4.00	-196.21	-98.51	-2117.98	62.54	-293.44	446.87
8425	-2.79	3.95	4.00	-185.20	-71.20	-2163.42	31.61	-425.76	209.17
8426	-2.75	5.06	4.00	-185.72	-76.94	-2171.28	43.86	-428.52	290.90
8427	-2.69	6.16	4.00	-187.23	-87.91	-2169.17	56.47	-429.47	373.33
8428	-2.62	7.25	4.00	-189.89	-104.67	-2157.05	68.98	-428.14	453.69
8429	-3.91	3.95	4.00	-188.28	-77.00	-2185.88	34.76	-571.58	216.40
8430	-3.84	5.06	4.00	-190.05	-83.66	-2192.13	48.66	-571.12	297.43
8431	-3.76	6.16	4.00	-192.67	-95.22	-2189.28	62.88	-567.55	378.39
8432	-3.67	7.25	4.00	-196.21	-112.04	-2177.62	76.82	-560.41	456.70
8433	-5.02	3.95	4.00	-206.42	-84.09	-2186.10	39.33	-711.74	221.68
8434	-4.94	5.06	4.00	-208.57	-91.66	-2192.13	54.82	-707.61	301.08
8435	-4.84	6.16	4.00	-211.25	-103.69	-2190.36	70.41	-699.22	379.67
8436	-4.72	7.26	4.00	-214.46	-120.33	-2181.34	85.43	-686.17	455.11
8437	-6.14	3.96	4.00	-238.11	-92.51	-2167.07	44.77	-840.72	224.14
8438	-6.04	5.06	4.00	-239.67	-100.82	-2174.50	61.61	-832.90	300.97
8439	-5.92	6.16	4.00	-241.31	-113.06	-2175.77	78.24	-819.85	376.38
8440	-5.77	7.26	4.00	-242.94	-129.17	-2171.60	93.90	-801.32	448.30
8441	-7.25	3.96	4.00	-280.21	-102.23	-2134.39	50.27	-953.33	223.08
8442	-7.14	5.07	4.00	-280.32	-110.94	-2144.84	68.08	-942.21	296.45
8443	-6.99	6.17	4.00	-279.94	-122.98	-2150.98	85.30	-925.18	367.96
8444	-6.82	7.26	4.00	-278.99	-138.11	-2153.58	101.12	-902.09	435.84
8445	-8.37	3.96	4.00	-328.19	-113.08	-2096.18	54.84	-1045.23	218.11
8446	-8.24	5.07	4.00	-326.22	-121.72	-2110.96	73.10	-1031.63	287.18
8447	-8.07	6.17	4.00	-323.10	-133.04	-2123.35	90.35	-1011.70	354.18
8448	-7.87	7.26	4.00	-318.87	-146.66	-2134.03	105.84	-985.40	417.63
8449	-9.49	3.96	4.00	-376.24	-124.73	-2062.49	57.46	-1113.46	209.12
8450	-9.33	5.07	4.00	-371.89	-132.74	-2082.35	75.48	-1098.45	273.15
8451	-9.14	6.17	4.00	-365.82	-142.74	-2101.63	92.16	-1076.95	335.11
8452	-8.92	7.26	4.00	-358.13	-154.27	-2120.85	106.80	-1048.98	393.77
8453	-10.60	3.96	4.00	-417.85	-136.66	-2044.55	57.16	-1156.39	196.24
8454	-10.43	5.07	4.00	-411.29	-143.42	-2069.48	74.10	-1141.10	254.56
8455	-10.22	6.17	4.00	-402.50	-151.47	-2095.38	89.53	-1119.43	310.99
8456	-9.97	7.26	4.00	-391.71	-160.32	-2122.51	102.81	-1091.39	364.53
8457	-11.72	3.96	4.00	-446.06	-148.13	-2053.71	53.06	-1173.23	179.64
8458	-11.53	5.08	4.00	-437.92	-153.00	-2082.85	68.02	-1158.71	231.63
8459	-11.29	6.18	4.00	-427.25	-158.49	-2114.05	81.46	-1138.14	282.07
8460	-11.01	7.26	4.00	-414.35	-164.14	-2147.26	92.90	-1111.52	330.16
8461	-12.83	3.96	4.00	-454.08	-158.17	-2100.27	44.54	-1163.04	159.36
8462	-12.63	5.08	4.00	-445.51	-160.57	-2131.81	56.55	-1150.18	204.40
8463	-12.37	6.18	4.00	-434.35	-162.94	-2165.85	67.28	-1131.81	248.34
8464	-12.06	7.26	4.00	-420.95	-164.99	-2202.08	76.42	-1107.88	290.61
8465	-13.95	3.96	4.00	-436.01	-165.50	-2191.04	31.41	-1123.14	135.09
8466	-13.73	5.08	4.00	-428.71	-165.00	-2222.18	39.63	-1112.88	172.50
8467	-13.45	6.18	4.00	-419.15	-163.89	-2255.52	47.05	-1097.87	209.36
8468	-13.11	7.26	4.00	-407.57	-162.14	-2290.58	53.56	-1078.00	245.33
8469	-15.07	3.96	4.00	-390.27	-169.03	-2326.53	14.55	-1049.56	106.34
8470	-14.82	5.08	4.00	-386.31	-165.58	-2353.92	18.46	-1043.21	135.47
8471	-14.52	6.18	4.00	-380.83	-161.02	-2382.37	22.30	-1033.24	164.76
8472	-14.16	7.27	4.00	-373.82	-155.64	-2411.42	26.12	-1019.40	194.03
8473	-16.18	3.96	4.00	-319.55	-167.54	-2497.43	-4.19	-938.31	72.98
8474	-15.92	5.08	4.00	-320.65	-161.61	-2517.93	-4.76	-937.69	93.27
8475	-15.60	6.19	4.00	-321.27	-154.16	-2537.70	-4.38	-934.99	114.69
8476	-15.21	7.27	4.00	-321.20	-145.59	-2556.38	-3.11	-929.81	137.18
8477	-17.30	3.97	4.00	-236.68	-162.12	-2689.81	-21.80	-790.89	36.10
8478	-17.02	5.09	4.00	-243.40	-154.36	-2701.04	-26.12	-797.74	47.29
8479	-16.67	6.19	4.00	-251.00	-145.08	-2709.33	-28.70	-804.30	60.77
8480	-16.26	7.27	4.00	-258.90	-134.86	-2714.52	-29.33	-810.12	76.69
8481	-0.57	3.95	3.00	-224.71	-79.56	-1863.45	33.89	-156.73	188.44
8482	-0.56	5.05	3.00	-224.02	-88.85	-1874.06	43.85	-162.03	263.31
8483	-0.55	6.15	3.00	-224.26	-103.36	-1876.94	53.76	-168.05	339.01
8484	-0.53	7.25	3.00	-225.78	-123.53	-1872.20	63.42	-174.62	413.45
8485	-1.70	3.95	3.00	-203.01	-84.09	-1925.32	35.22	-287.61	195.18
8486	-1.67	5.05	3.00	-204.29	-93.82	-1933.80	46.56	-291.12	270.93
8487	-1.64	6.15	3.00	-206.80	-108.66	-1934.50	57.96	-294.22	347.10
8488	-1.60	7.25	3.00	-210.78	-128.94	-1927.73	69.11	-296.66	421.60
8489	-2.83	3.95	3.00	-196.08	-90.16	-1969.04	37.83	-421.25	201.43
8490	-2.79	5.06	3.00	-198.83	-100.42	-1976.01	50.71	-422.41	277.34
8491	-2.73	6.16	3.00	-202.89	-115.59	-1975.58	63.64	-422.02	353.17
8492	-2.67	7.25	3.00	-208.41	-135.88	-1968.25	76.22	-419.83	426.92
8493	-3.96	3.95	3.00	-204.16	-97.80	-1994.08	41.69	-553.90	206.60
8494	-3.90	5.06	3.00	-207.72	-108.62	-2000.51	56.13	-552.27	281.90
8495	-3.82	6.16	3.00	-212.47	-124.06	-2000.30	70.52	-548.02	356.63
8496	-3.73	7.25	3.00	-218.47	-144.18	-1994.15	84.35	-540.93	428.92
8497	-5.09	3.95	3.00	-226.68	-107.09	-2001.61	46.50	-681.33	210.07
8498	-5.01	5.06	3.00	-230.27	-118.39	-2008.74	62.42	-676.70	283.99
8499	-4.92	6.16	3.00	-234.76	-133.93	-2010.33	78.08	-668.51	356.90
8500	-4.80	7.25	3.00	-240.13	-153.62	-2007.26	92.88	-656.61	427.12
8501	-6.23	3.96	3.00	-262.01	-118.04	-1994.88	51.79	-799.21	211.26
8502	-6.13	5.06	3.00	-264.83	-129.63	-2004.07	68.97	-791.70	283.07
8503	-6.01	6.16	3.00	-268.09	-144.99	-2009.11	85.60	-779.85	353.53
8504	-5.86	7.26	3.00	-271.78	-163.90	-2010.95	101.02	-763.63	421.18
8505	-7.36	3.96	3.00	-307.32	-130.62	-1979.34	56.87	-903.59	209.79
8506	-7.24	5.07	3.00	-308.62	-142.18	-1991.87	74.96	-893.65	278.80
8507	-7.10	6.17	3.00	-309.82	-156.99	-2001.83	92.15	-878.82	346.27
8508	-6.93	7.26	3.00	-310.91	-174.69	-2010.13	107.77	-859.13	410.97
8509	-8.49	3.96	3.00	-358.55	-144.70	-1962.55	60.93	-991.41	205.49
8510	-8.36	5.07	3.00	-357.80	-155.80	-1979.43	79.42	-979.78	271.08
8511	-8.19	6.17	3.00	-356.33	-169.58	-1995.37	96.68	-962.92	335.12
8512	-8.00	7.26	3.00	-354.21	-185.56	-2011.17	112.05	-940.92	396.56
8513	-9.62	3.96	3.00	-410.63	-159.98	-1953.86	63.08	-1060.81	198.41
8514	-9.47	5.07	3.00	-407.55	-170.13	-1975.64	81.32	-1048.37	260.07

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
8515	-9.28	6.17	3.00	-403.14	-182.31	-1998.03	98.06	-1030.58	320.29
8516	-9.06	7.26	3.00	-397.52	-196.00	-2021.64	112.65	-1007.52	378.23
8517	-10.75	3.96	3.00	-457.55	-176.01	-1964.00	62.41	-1111.08	188.75
8518	-10.59	5.07	3.00	-452.18	-184.63	-1990.61	79.60	-1098.71	246.03
8519	-10.38	6.17	3.00	-444.92	-194.61	-2019.14	95.11	-1081.05	302.11
8520	-10.13	7.26	3.00	-435.98	-205.39	-2049.99	108.36	-1058.13	356.27
8521	-11.89	3.96	3.00	-492.37	-192.09	-2004.57	57.97	-1142.15	176.72
8522	-11.70	5.07	3.00	-485.10	-198.54	-2035.20	73.15	-1130.55	229.21
8523	-11.47	6.18	3.00	-475.52	-205.66	-2068.68	86.62	-1113.86	280.77
8524	-11.19	7.26	3.00	-463.89	-212.92	-2105.11	97.91	-1092.02	330.84
8525	-13.02	3.96	3.00	-506.95	-207.15	-2087.30	48.81	-1153.26	162.22
8526	-12.81	5.08	3.00	-498.66	-210.77	-2120.24	60.88	-1142.86	209.41
8527	-12.56	6.18	3.00	-487.81	-214.32	-2156.38	71.39	-1127.63	255.97
8528	-12.26	7.26	3.00	-474.73	-217.45	-2195.49	80.04	-1107.43	301.42
8529	-14.15	3.96	3.00	-492.04	-219.63	-2222.59	34.05	-1140.55	144.41
8530	-13.93	5.08	3.00	-484.21	-219.78	-2254.99	41.87	-1131.54	185.53
8531	-13.65	6.18	3.00	-473.99	-219.12	-2290.07	48.53	-1118.02	226.25
8532	-13.33	7.26	3.00	-461.60	-217.54	-2327.41	53.91	-1099.79	266.20
8533	-15.28	3.96	3.00	-438.77	-226.76	-2411.00	13.55	-1091.85	120.85
8534	-15.04	5.08	3.00	-433.93	-223.11	-2438.78	16.21	-1084.87	154.60
8535	-14.75	6.18	3.00	-427.41	-217.99	-2467.73	18.48	-1074.01	188.24
8536	-14.39	7.26	3.00	-419.25	-211.61	-2497.36	20.39	-1058.98	221.50
8537	-16.41	3.96	3.00	-356.81	-228.16	-2640.57	-9.12	-996.54	89.80
8538	-16.16	5.08	3.00	-357.65	-221.46	-2659.76	-11.58	-993.75	114.88
8539	-15.84	6.19	3.00	-358.03	-212.81	-2677.84	-13.20	-988.34	140.51
8540	-15.46	7.27	3.00	-357.76	-202.57	-2694.42	-14.08	-979.94	166.50
8541	-17.55	3.96	3.00	-250.03	-220.79	-2878.02	-31.49	-847.35	51.03
8542	-17.27	5.09	3.00	-257.02	-211.83	-2887.03	-38.58	-851.50	66.14
8543	-16.93	6.19	3.00	-265.06	-200.92	-2892.64	-43.99	-854.76	82.91
8544	-16.52	7.27	3.00	-273.46	-188.61	-2894.61	-47.51	-856.78	101.31
8545	15.89	8.10	4.00	-3779.90	-779.66	-2006.15	228.90	1019.20	-116.51
8546	15.59	8.70	4.00	-3376.87	-753.45	-1975.45	735.08	1010.70	-323.79
8547	14.87	8.10	4.00	-2555.13	-432.25	-1496.54	239.17	747.83	-78.62
8548	14.59	8.70	4.00	-2192.58	-336.50	-1467.05	462.25	737.25	-58.26
8549	13.84	8.10	4.00	-1891.07	-224.50	-1200.49	249.12	722.55	36.42
8550	13.58	8.70	4.00	-1634.73	-192.60	-1214.21	370.23	709.03	43.67
8551	12.82	8.10	4.00	-1486.95	-169.79	-1102.06	236.60	710.08	101.51
8552	12.57	8.70	4.00	-1310.80	-171.50	-1129.36	296.09	692.38	112.85
8553	11.79	8.10	4.00	-1228.52	-154.30	-1070.83	203.47	694.20	155.70
8554	11.57	8.70	4.00	-1107.66	-161.51	-1100.45	234.13	675.69	170.83
8555	10.77	8.10	4.00	-1048.71	-144.72	-1079.77	169.40	674.18	203.54
8556	10.56	8.70	4.00	-961.27	-152.88	-1109.04	187.00	655.15	221.99
8557	9.74	8.10	4.00	-910.54	-136.72	-1119.15	140.34	648.18	246.70
8558	9.56	8.70	4.00	-845.03	-145.68	-1146.44	150.94	629.00	268.34
8559	8.71	8.10	4.00	-796.01	-129.94	-1182.86	116.52	614.46	285.73
8560	8.55	8.70	4.00	-746.03	-139.97	-1207.17	122.86	595.08	310.09
8561	7.69	8.10	4.00	-696.29	-123.78	-1265.61	97.64	571.28	321.02
8562	7.54	8.70	4.00	-657.64	-134.49	-1286.07	101.57	551.84	348.01
8563	6.66	8.10	4.00	-606.88	-118.21	-1362.31	83.23	517.45	352.95
8564	6.54	8.70	4.00	-576.96	-129.67	-1378.37	85.73	498.24	382.49
8565	5.64	8.10	4.00	-525.78	-113.43	-1468.07	72.62	452.15	381.75
8566	5.53	8.70	4.00	-502.86	-125.56	-1479.42	74.34	433.57	413.73
8567	4.61	8.10	4.00	-452.37	-109.60	-1578.13	65.24	375.03	407.63
8568	4.53	8.70	4.00	-435.19	-122.32	-1584.68	66.70	357.53	441.88
8569	3.59	8.10	4.00	-386.71	-106.91	-1687.99	60.62	286.23	430.77
8570	3.52	8.70	4.00	-374.32	-120.12	-1689.85	62.22	270.27	467.04
8571	2.56	8.10	4.00	-329.31	-105.54	-1793.47	58.42	186.33	451.35
8572	2.51	8.70	4.00	-320.96	-119.13	-1790.93	60.48	172.39	489.30
8573	1.54	8.10	4.00	-280.89	-105.63	-1890.77	58.43	76.39	469.43
8574	1.51	8.70	4.00	-275.94	-119.50	-1884.30	61.19	64.99	508.63
8575	0.51	8.10	4.00	-242.28	-107.29	-1976.58	60.55	-42.05	484.95
8576	0.50	8.70	4.00	-240.13	-121.33	-1966.85	64.15	-50.42	524.91
8577	16.16	8.10	3.00	-3005.66	-651.71	-1803.79	254.09	502.53	48.70
8578	15.87	8.70	3.00	-3051.41	-741.75	-1880.33	664.43	587.98	-167.24
8579	15.12	8.10	3.00	-2336.74	-486.80	-1623.39	229.00	409.65	-46.80
8580	14.84	8.70	3.00	-2123.02	-388.24	-1579.21	450.49	456.77	-40.92
8581	14.08	8.10	3.00	-1863.49	-266.50	-1305.20	234.60	460.77	48.08
8582	13.82	8.70	3.00	-1656.24	-221.44	-1295.96	367.04	499.31	76.22
8583	13.03	8.10	3.00	-1513.87	-198.96	-1135.94	229.68	531.04	122.14
8584	12.80	8.70	3.00	-1351.75	-197.45	-1153.17	297.76	548.51	143.38
8585	11.99	8.10	3.00	-1261.73	-181.65	-1063.89	200.67	563.96	172.48
8586	11.77	8.70	3.00	-1145.32	-188.77	-1089.99	236.20	567.18	192.68
8587	10.95	8.10	3.00	-1075.87	-172.11	-1045.24	167.90	569.69	213.84
8588	10.75	8.70	3.00	-990.73	-181.10	-1073.15	188.38	564.99	235.11
8589	9.91	8.10	3.00	-929.98	-164.29	-1062.95	139.28	558.06	250.51
8590	9.72	8.70	3.00	-866.50	-174.40	-1089.86	151.76	549.03	273.69
8591	8.86	8.10	3.00	-808.81	-157.66	-1107.82	115.71	533.24	283.69
8592	8.70	8.70	3.00	-760.98	-168.93	-1132.36	123.46	521.49	308.66
8593	7.82	8.10	3.00	-704.16	-151.67	-1173.25	97.11	496.58	313.91
8594	7.68	8.70	3.00	-667.81	-163.66	-1194.45	102.25	483.12	340.81
8595	6.78	8.10	3.00	-611.51	-146.36	-1253.68	83.08	448.45	341.56
8596	6.65	8.70	3.00	-584.03	-159.12	-1270.96	86.68	434.10	370.38
8597	5.73	8.10	3.00	-528.71	-141.96	-1344.11	72.98	388.94	366.76
8598	5.63	8.70	3.00	-508.31	-155.40	-1357.16	75.76	374.38	397.46
8599	4.69	8.10	3.00	-454.89	-138.63	-1439.91	66.26	318.16	389.60
8600	4.61	8.70	3.00	-440.28	-152.66	-1448.65	68.72	304.02	422.07
8601	3.65	8.10	3.00	-389.92	-136.53	-1536.81	62.47	236.45	410.16
8602	3.58	8.70	3.00	-380.12	-151.05	-1541.34	65.00	223.32	444.20
8603	2.61	8.10	3.00	-334.15	-135.79	-1630.91	61.25	144.51	428.45
8604	2.56	8.70	3.00	-328.35	-150.70	-1631.53	64.12	132.95	463.81
8605	1.56	8.10	3.00	-288.11	-136.53	-1718.75	62.35	43.41	444.44
8606	1.54	8.70	3.00	-285.64	-151.71	-1715.96	65.76	33.94	480.82
8607	0.52	8.10	3.00	-252.50	-138.83	-1797.40	65.54	-65.38	458.02
8608	0.51	8.70	3.00	-252.69	-154.17	-1791.85	69.61	-72.25	495.05
8609	-0.51	8.10	4.00	-214.32	-110.53	-2048.22	64.65	-166.96	497.70
8610	-0.50	8.70	4.00	-214.44	-124.60	-2036.10	69.14	-171.80	537.87
8611	-1.54	8.10	4.00	-197.69	-115.23	-2103.74	70.64	-295.77	507.25
8612	-1.51	8.70	4.00	-199.41	-129.18	-2090.32	75.99	-296.69	547.12
8613	-2.56	8.10	4.00	-192.80	-121.23	-2142.21	78.25	-425.41	512.99



Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
8614	-2.51	8.70	4.00	-195.43	-134.88	-2128.78	84.32	-422.08	552.07
8615	-3.59	8.10	4.00	-199.59	-128.27	-2163.95	87.01	-552.36	514.25
8616	-3.52	8.70	4.00	-202.36	-141.42	-2151.92	93.60	-544.70	552.14
8617	-4.61	8.10	4.00	-217.27	-135.97	-2170.73	96.22	-672.87	510.38
8618	-4.53	8.70	4.00	-219.41	-148.39	-2161.56	103.07	-661.06	546.78
8619	-5.64	8.10	4.00	-244.19	-143.88	-2165.86	104.93	-783.27	500.89
8620	-5.53	8.70	4.00	-244.99	-155.33	-2160.87	111.81	-767.75	535.58
8621	-6.66	8.10	4.00	-277.87	-151.53	-2154.22	112.03	-880.15	485.47
8622	-6.54	8.70	4.00	-276.73	-161.70	-2154.45	118.67	-861.67	518.32
8623	-7.69	8.10	4.00	-314.86	-158.37	-2142.00	116.28	-960.77	464.07
8624	-7.54	8.70	4.00	-311.47	-167.00	-2148.04	122.51	-940.23	495.01
8625	-8.71	8.10	4.00	-351.14	-163.84	-2136.33	116.46	-1023.00	436.88
8626	-8.55	8.70	4.00	-345.46	-170.68	-2148.17	122.12	-1001.46	465.83
8627	-9.74	8.10	4.00	-382.09	-167.34	-2144.78	111.42	-1065.38	404.09
8628	-9.56	8.70	4.00	-374.47	-172.12	-2161.74	116.42	-1043.82	430.97
8629	-10.77	8.10	4.00	-402.99	-168.31	-2174.58	100.26	-1086.78	365.90
8630	-10.56	8.70	4.00	-394.03	-170.85	-2195.22	104.53	-1066.09	390.37
8631	-11.79	8.10	4.00	-409.26	-166.17	-2231.67	82.40	-1085.62	322.36
8632	-11.57	8.70	4.00	-400.23	-166.52	-2253.65	86.03	-1067.08	344.39
8633	-12.82	8.10	4.00	-397.42	-160.30	-2318.85	58.05	-1059.30	272.81
8634	-12.57	8.70	4.00	-389.66	-158.62	-2339.41	61.17	-1043.75	292.62
8635	-13.84	8.10	4.00	-367.42	-151.01	-2434.38	29.16	-1005.93	216.88
8636	-13.58	8.70	4.00	-362.23	-147.44	-2450.84	31.70	-994.20	233.98
8637	-14.87	8.10	4.00	-320.52	-138.67	-2570.35	-1.57	-923.89	155.22
8638	-14.59	8.70	4.00	-319.44	-133.70	-2580.00	0.42	-918.08	169.50
8639	-15.89	8.10	4.00	-265.05	-125.59	-2716.34	-28.66	-813.96	90.25
8640	-15.59	8.70	4.00	-269.27	-119.28	-2716.81	-27.61	-815.40	100.89
8641	-0.52	8.10	3.00	-227.96	-142.70	-1864.55	70.62	-179.97	468.99
8642	-0.51	8.70	3.00	-230.25	-158.06	-1857.09	75.40	-183.80	506.27
8643	-1.56	8.10	3.00	-214.96	-148.05	-1918.66	77.37	-298.03	477.01
8644	-1.54	8.70	3.00	-218.66	-163.27	-1910.31	82.85	-298.49	514.16
8645	-2.61	8.10	3.00	-213.71	-154.76	-1959.15	85.46	-416.86	481.65
8646	-2.56	8.70	3.00	-218.12	-169.66	-1951.08	91.52	-413.74	518.34
8647	-3.65	8.10	3.00	-223.97	-162.62	-1986.60	94.38	-533.51	482.48
8648	-3.58	8.70	3.00	-228.37	-177.01	-1980.07	100.87	-526.79	518.41
8649	-4.69	8.10	3.00	-244.89	-171.36	-2002.88	103.46	-644.91	479.11
8650	-4.61	8.70	3.00	-248.57	-185.01	-1999.14	110.18	-634.81	514.07
8651	-5.73	8.10	3.00	-274.91	-180.63	-2011.26	111.83	-748.16	471.32
8652	-5.63	8.70	3.00	-277.21	-193.30	-2011.41	118.58	-735.09	505.16
8653	-6.78	8.10	3.00	-311.68	-190.03	-2016.36	118.51	-840.68	459.04
8654	-6.65	8.70	3.00	-312.08	-201.45	-2021.28	125.09	-825.29	491.67
8655	-7.82	8.10	3.00	-352.13	-199.10	-2024.07	122.39	-920.47	442.43
8656	-7.68	8.70	3.00	-350.28	-208.97	-2034.25	128.59	-903.54	473.77
8657	-8.86	8.10	3.00	-392.41	-207.31	-2041.34	122.26	-986.16	421.74
8658	-8.70	8.70	3.00	-388.22	-215.32	-2056.75	127.90	-968.47	451.71
8659	-9.91	8.10	3.00	-427.99	-213.99	-2075.83	116.88	-1036.80	397.20
8660	-9.72	8.70	3.00	-421.64	-219.81	-2095.89	121.81	-1019.05	425.68
8661	-10.95	8.10	3.00	-453.65	-218.35	-2135.53	105.03	-1071.54	368.84
8662	-10.75	8.70	3.00	-445.51	-221.65	-2158.90	109.05	-1054.25	395.40
8663	-11.99	8.10	3.00	-463.32	-219.40	-2227.85	85.44	-1088.38	336.13
8664	-11.77	8.70	3.00	-454.51	-220.07	-2252.27	88.55	-1072.28	360.50
8665	-13.03	8.10	3.00	-450.73	-215.63	-2357.79	57.23	-1082.39	296.93
8666	-12.80	8.70	3.00	-442.53	-213.67	-2380.22	59.46	-1067.73	319.01
8667	-14.08	8.10	3.00	-411.92	-205.91	-2520.79	21.70	-1044.36	247.22
8668	-13.82	8.70	3.00	-405.89	-201.18	-2537.52	22.86	-1031.57	266.01
8669	-15.12	8.10	3.00	-356.93	-194.05	-2706.42	-14.31	-971.09	186.76
8670	-14.84	8.70	3.00	-356.07	-187.88	-2714.35	-13.44	-963.04	202.46
8671	-16.16	8.10	3.00	-280.14	-177.29	-2893.70	-49.05	-857.27	116.12
8672	-15.87	8.70	3.00	-284.61	-169.19	-2891.98	-49.73	-855.80	127.48
8673	10.74	9.43	3.00	-907.93	-197.97	-1111.34	213.76	559.32	248.76
8674	11.69	9.39	3.00	-1025.57	-207.15	-1130.45	269.48	566.72	204.95
8675	12.64	9.35	3.00	-1175.02	-218.19	-1186.84	344.37	559.80	156.79
8676	10.93	10.30	3.00	-810.61	-222.53	-1164.45	242.33	552.44	251.41
8677	11.76	10.18	3.00	-889.46	-233.47	-1186.19	297.57	562.45	206.86
8678	12.58	10.05	3.00	-983.49	-252.33	-1233.73	370.71	564.62	159.58
8679	11.10	11.18	3.00	-693.25	-242.89	-1227.51	251.60	540.79	245.15
8680	11.80	10.97	3.00	-740.36	-253.64	-1244.64	299.10	552.97	202.41
8681	12.49	10.74	3.00	-799.58	-277.92	-1279.12	354.35	561.00	156.47
8682	0.52	9.79	3.00	-256.11	-184.31	-1779.33	76.16	-83.47	556.76
8683	1.56	9.78	3.00	-285.95	-181.13	-1704.30	70.89	22.49	539.79
8684	2.60	9.76	3.00	-325.12	-179.01	-1621.91	68.29	121.22	518.96
8685	3.64	9.74	3.00	-372.73	-177.98	-1534.95	68.77	211.28	494.67
8686	4.67	9.71	3.00	-427.89	-177.99	-1446.69	72.79	291.71	467.25
8687	5.69	9.67	3.00	-489.84	-178.97	-1360.77	80.87	361.98	436.99
8688	6.72	9.63	3.00	-558.12	-180.88	-1281.11	93.68	421.90	404.14
8689	7.74	9.59	3.00	-632.77	-183.68	-1211.81	112.05	471.57	368.85
8690	8.75	9.54	3.00	-714.65	-187.42	-1157.21	137.09	511.17	331.21
8691	9.76	9.48	3.00	-805.98	-192.31	-1121.96	170.36	540.75	291.25
8692	0.55	11.37	3.00	-264.18	-227.79	-1764.08	83.74	-99.03	629.22
8693	1.65	11.34	3.00	-289.80	-223.43	-1688.27	76.81	8.13	608.60
8694	2.73	11.29	3.00	-324.28	-219.40	-1607.22	73.12	107.78	582.41
8695	3.81	11.22	3.00	-366.41	-215.87	-1523.75	73.31	198.48	551.39
8696	4.87	11.13	3.00	-414.99	-213.00	-1441.12	77.98	279.35	516.27
8697	5.92	11.03	3.00	-468.93	-210.94	-1362.82	87.72	349.99	477.71
8698	6.96	10.91	3.00	-527.48	-209.89	-1292.49	103.21	410.39	436.27
8699	7.99	10.77	3.00	-590.37	-210.11	-1233.78	125.30	460.79	392.40
8700	9.01	10.62	3.00	-658.20	-212.01	-1190.35	155.19	501.54	346.39
8701	10.01	10.45	3.00	-733.18	-216.38	-1165.99	194.65	532.84	298.38
8702	0.57	12.96	3.00	-276.85	-260.41	-1772.89	88.26	-117.20	679.50
8703	1.71	12.91	3.00	-297.24	-255.43	-1695.86	80.65	-11.33	656.60
8704	2.84	12.82	3.00	-325.39	-249.74	-1616.33	76.47	87.45	626.62
8705	3.95	12.71	3.00	-359.97	-243.79	-1536.78	76.55	177.70	590.57
8706	5.05	12.57	3.00	-399.58	-238.04	-1460.10	81.58	258.57	549.45
8707	6.12	12.40	3.00	-442.91	-233.00	-1389.34	92.16	329.65	504.19
8708	7.18	12.20	3.00	-488.91	-229.23	-1327.58	108.89	390.92	455.58
8709	8.23	11.97	3.00	-536.95	-227.44	-1277.83	132.49	442.61	404.25
8710	9.25	11.71	3.00	-587.13	-228.65	-1243.01	163.99	485.08	350.61
8711	10.25	11.43	3.00	-640.68	-234.32	-1225.94	205.29	518.91	295.08
8712	0.59	14.55	3.00	-292.55	-264.13	-1825.14	88.45	-137.64	700.65

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
8713	1.77	14.48	3.00	-307.51	-259.76	-1745.27	82.04	-35.75	676.92
8714	2.93	14.37	3.00	-328.55	-253.70	-1665.42	78.75	60.08	644.90
8715	4.08	14.22	3.00	-354.43	-246.67	-1587.64	79.50	148.40	605.71
8716	5.20	14.02	3.00	-383.77	-239.47	-1514.24	84.99	228.29	560.49
8717	6.30	13.79	3.00	-415.21	-232.92	-1447.68	95.72	299.24	510.36
8718	7.38	13.51	3.00	-447.59	-227.98	-1390.40	112.10	361.06	456.31
8719	8.44	13.18	3.00	-480.12	-225.72	-1344.78	134.52	413.86	399.15
8720	9.47	12.82	3.00	-512.47	-227.51	-1313.06	163.52	457.97	339.50
8721	10.47	12.43	3.00	-544.96	-235.61	-1297.61	200.08	494.06	277.57
8722	0.61	16.14	3.00	-308.03	-229.70	-1925.27	82.21	-159.29	678.00
8723	1.81	16.07	3.00	-318.23	-227.34	-1840.69	79.22	-64.84	655.54
8724	3.00	15.93	3.00	-332.50	-223.07	-1757.50	78.61	25.13	624.08
8725	4.17	15.74	3.00	-349.84	-217.71	-1677.44	81.20	109.24	584.71
8726	5.33	15.49	3.00	-369.14	-212.16	-1602.42	87.57	186.46	538.65
8727	6.45	15.19	3.00	-389.27	-207.39	-1534.46	98.07	256.12	487.11
8728	7.56	14.83	3.00	-409.23	-204.44	-1475.60	112.87	317.90	431.26
8729	8.63	14.41	3.00	-428.35	-204.41	-1427.82	132.06	371.77	372.15
8730	9.67	13.95	3.00	-446.36	-208.63	-1393.16	155.72	417.96	310.64
8731	10.67	13.43	3.00	-463.42	-218.61	-1373.78	183.98	457.24	247.31
8732	0.61	17.73	3.00	-318.20	-167.29	-2039.66	67.62	-179.41	590.84
8733	1.84	17.65	3.00	-325.12	-167.34	-1950.43	69.07	-97.04	572.58
8734	3.05	17.50	3.00	-334.12	-166.10	-1862.68	72.15	-16.87	545.73
8735	4.25	17.27	3.00	-344.53	-164.23	-1778.07	77.45	59.79	511.27
8736	5.42	16.97	3.00	-355.58	-162.48	-1698.45	85.35	131.92	470.14
8737	6.58	16.60	3.00	-366.47	-161.65	-1625.75	96.03	198.76	423.43
8738	7.70	16.16	3.00	-376.48	-162.57	-1561.88	109.53	259.85	372.22
8739	8.79	15.66	3.00	-385.06	-166.11	-1508.82	125.78	315.02	317.57
8740	9.85	15.08	3.00	-392.04	-173.25	-1468.58	144.70	364.37	260.47
8741	10.86	14.45	3.00	-397.92	-185.04	-1443.62	166.35	408.14	201.44
8742	15.44	9.49	3.00	-1928.73	-899.94	-1848.15	1123.80	642.78	-200.57
8743	14.86	10.46	3.00	-581.02	-498.96	-1627.95	470.92	654.40	-128.25
8744	14.22	11.40	3.00	-479.68	-348.67	-1540.51	311.86	574.84	-42.28
8745	14.51	9.43	3.00	-1586.63	-319.10	-1512.73	629.16	524.45	-0.50
8746	14.11	10.27	3.00	-983.22	-400.53	-1469.56	557.02	575.79	27.77
8747	13.66	11.08	3.00	-623.31	-350.58	-1430.50	385.67	574.50	41.70
8748	13.58	9.36	3.00	-1363.37	-247.81	-1303.27	455.82	537.42	96.35
8749	13.36	10.07	3.00	-1044.64	-292.11	-1323.68	461.24	561.67	103.37
8750	13.11	10.78	3.00	-776.64	-313.57	-1341.64	403.01	564.92	107.65
8751	11.80	13.76	3.00	-403.27	-204.13	-1434.88	190.47	447.20	144.22
8752	11.56	12.90	3.00	-480.43	-236.27	-1368.92	215.15	489.15	189.91
8753	11.31	12.05	3.00	-574.69	-249.33	-1296.93	238.34	519.35	223.92
8754	12.67	13.03	3.00	-410.52	-231.21	-1444.80	218.23	484.89	86.11
8755	12.33	12.36	3.00	-501.32	-260.38	-1378.46	251.49	516.46	136.85
8756	11.99	11.69	3.00	-607.76	-267.53	-1308.87	278.48	537.07	178.17
8757	13.49	12.25	3.00	-418.92	-270.81	-1477.63	255.31	524.48	25.07
8758	13.07	11.78	3.00	-531.55	-297.13	-1405.96	300.22	543.18	82.56
8759	12.65	11.32	3.00	-648.68	-288.46	-1332.92	332.80	553.42	131.81
8760	10.55	9.42	4.00	-877.34	-168.07	-1141.70	208.29	633.98	230.86
8761	11.49	9.38	4.00	-987.81	-178.49	-1138.02	261.21	653.34	177.82
8762	12.42	9.34	4.00	-1131.89	-191.69	-1165.80	332.51	669.28	119.35
8763	10.73	10.27	4.00	-781.47	-190.22	-1181.86	232.19	608.52	226.67
8764	11.54	10.15	4.00	-856.61	-202.11	-1184.55	283.54	625.68	174.52
8765	12.35	10.02	4.00	-948.30	-222.42	-1210.10	351.64	641.31	118.84
8766	10.89	11.13	4.00	-668.32	-209.31	-1229.60	238.17	576.87	216.07
8767	11.58	10.92	4.00	-714.88	-220.60	-1232.56	282.20	593.06	168.82
8768	12.26	10.70	4.00	-773.92	-245.41	-1252.32	333.38	608.49	118.30
8769	0.51	9.77	4.00	-239.10	-149.34	-1943.42	69.79	-63.88	589.30
8770	1.54	9.76	4.00	-271.82	-146.81	-1862.38	65.17	50.75	570.02
8771	2.56	9.74	4.00	-313.38	-145.35	-1771.59	63.30	157.28	546.34
8772	3.57	9.72	4.00	-362.68	-144.96	-1674.25	64.50	254.15	518.69
8773	4.58	9.69	4.00	-418.68	-145.55	-1573.98	69.18	340.33	487.37
8774	5.59	9.65	4.00	-480.44	-147.04	-1474.76	77.81	415.29	452.63
8775	6.60	9.62	4.00	-547.31	-149.36	-1380.72	90.98	479.02	414.63
8776	7.60	9.57	4.00	-619.19	-152.50	-1296.08	109.45	531.90	373.48
8777	8.59	9.52	4.00	-696.77	-156.55	-1225.09	134.21	574.73	329.15
8778	9.59	9.47	4.00	-782.28	-161.81	-1171.99	166.62	608.59	281.58
8779	0.54	11.31	4.00	-240.35	-189.70	-1907.81	76.12	-82.17	659.61
8780	1.61	11.28	4.00	-269.02	-186.05	-1826.99	69.56	32.68	636.60
8781	2.68	11.23	4.00	-306.09	-182.68	-1738.40	66.38	139.09	607.11
8782	3.73	11.16	4.00	-350.18	-179.78	-1645.32	67.15	235.42	572.00
8783	4.78	11.07	4.00	-399.91	-177.50	-1551.39	72.39	320.70	532.09
8784	5.81	10.97	4.00	-454.08	-175.96	-1460.45	82.61	394.54	488.10
8785	6.83	10.86	4.00	-511.77	-175.37	-1376.35	98.35	457.10	440.64
8786	7.84	10.72	4.00	-572.69	-176.03	-1302.81	120.31	508.96	390.17
8787	8.84	10.58	4.00	-637.44	-178.42	-1243.39	149.45	551.08	337.00
8788	9.83	10.41	4.00	-708.35	-183.39	-1201.55	187.26	584.73	281.22
8789	0.56	12.86	4.00	-245.25	-219.34	-1889.19	79.51	-102.29	698.38
8790	1.68	12.81	4.00	-268.80	-215.14	-1808.53	72.01	9.46	673.60
8791	2.79	12.73	4.00	-299.74	-210.18	-1722.78	68.13	113.25	640.58
8792	3.88	12.62	4.00	-336.59	-204.93	-1634.88	68.63	207.42	600.55
8793	4.95	12.48	4.00	-377.81	-199.89	-1548.07	74.12	290.97	554.70
8794	6.01	12.31	4.00	-422.02	-195.56	-1465.71	85.06	363.51	504.16
8795	7.05	12.12	4.00	-468.14	-192.54	-1391.07	101.90	425.19	449.87
8796	8.07	11.89	4.00	-515.63	-191.54	-1327.26	125.14	476.57	392.63
8797	9.07	11.65	4.00	-564.75	-193.59	-1277.17	155.58	518.64	332.96
8798	10.06	11.37	4.00	-616.99	-200.12	-1243.59	194.79	552.89	271.29
8799	0.58	14.40	4.00	-252.86	-224.88	-1905.00	78.80	-123.16	699.91
8800	1.74	14.34	4.00	-271.02	-221.19	-1823.29	71.96	-17.81	675.33
8801	2.87	14.23	4.00	-295.07	-215.85	-1739.09	68.49	80.80	641.39
8802	4.00	14.09	4.00	-323.64	-209.61	-1654.80	69.23	171.01	599.47
8803	5.10	13.89	4.00	-355.27	-203.27	-1573.08	74.77	251.76	550.98
8804	6.18	13.66	4.00	-388.57	-197.68	-1496.64	85.51	322.56	497.27
8805	7.24	13.39	4.00	-422.44	-193.75	-1428.18	101.71	383.38	439.57
8806	8.28	13.08	4.00	-456.20	-192.53	-1370.23	123.61	434.66	378.91
8807	9.29	12.73	4.00	-489.72	-195.31	-1325.20	151.60	477.25	316.08
8808	10.27	12.34	4.00	-523.58	-204.24	-1295.70	186.54	512.53	251.39
8809	0.59	15.95	4.00	-261.00	-200.06	-1958.71	72.55	-143.41	658.80
8810	1.77	15.88	4.00	-274.29	-197.87	-1874.64	68.04	-47.69	636.43
8811	2.94	15.75	4.00	-291.72	-193.77	-1789.73	66.26	43.06	604.45

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
8812	4.09	15.57	4.00	-312.20	-188.60	-1705.98	68.00	127.29	564.15
8813	5.22	15.32	4.00	-334.51	-183.26	-1625.55	73.75	203.89	516.93
8814	6.33	15.03	4.00	-357.48	-178.74	-1550.71	83.81	272.23	464.22
8815	7.41	14.68	4.00	-380.12	-176.02	-1483.69	98.29	332.08	407.33
8816	8.46	14.28	4.00	-401.80	-176.19	-1426.71	117.19	383.66	347.49
8817	9.48	13.82	4.00	-422.34	-180.51	-1382.00	140.55	427.52	285.62
8818	10.47	13.32	4.00	-441.89	-190.39	-1352.00	168.50	464.75	222.37
8819	0.60	17.50	4.00	-267.12	-156.23	-2026.76	59.76	-160.91	573.61
8820	1.80	17.43	4.00	-276.64	-155.59	-1940.18	58.18	-77.90	555.34
8821	2.99	17.28	4.00	-288.65	-153.45	-1853.44	58.70	2.40	528.25
8822	4.16	17.06	4.00	-302.35	-150.53	-1768.30	61.89	78.58	493.37
8823	5.31	16.77	4.00	-316.86	-147.63	-1686.71	68.15	149.55	451.80
8824	6.45	16.41	4.00	-331.30	-145.62	-1610.71	77.63	214.56	404.72
8825	7.55	15.98	4.00	-344.90	-145.40	-1542.36	90.33	273.19	353.34
8826	8.62	15.48	4.00	-357.11	-147.88	-1483.75	106.13	325.36	298.83
8827	9.65	14.93	4.00	-367.76	-154.07	-1437.09	124.93	371.34	242.25
8828	10.65	14.31	4.00	-377.52	-165.10	-1405.05	146.66	411.57	184.26
8829	15.16	9.48	4.00	-1947.67	-821.17	-1872.45	1054.30	861.87	-273.66
8830	14.59	10.43	4.00	-565.25	-467.18	-1604.42	432.80	660.85	-122.96
8831	13.96	11.33	4.00	-471.93	-324.23	-1485.20	291.72	567.15	-48.08
8832	14.25	9.42	4.00	-1577.21	-285.14	-1422.52	611.66	703.74	-39.82
8833	13.85	10.23	4.00	-953.42	-365.57	-1405.68	526.71	650.25	-15.21
8834	13.41	11.03	4.00	-607.14	-316.43	-1379.08	364.26	595.30	12.52
8835	13.34	9.35	4.00	-1325.64	-222.28	-1244.62	440.58	683.35	49.62
8836	13.12	10.05	4.00	-1011.54	-263.32	-1278.17	435.88	648.38	56.60
8837	12.87	10.73	4.00	-754.79	-280.60	-1301.05	378.61	610.40	69.43
8838	11.58	13.64	4.00	-386.76	-183.58	-1389.42	171.03	447.27	128.27
8839	11.34	12.80	4.00	-461.05	-207.54	-1337.56	199.43	495.55	164.92
8840	11.10	11.97	4.00	-554.77	-218.33	-1282.86	222.83	538.44	195.44
8841	12.43	12.93	4.00	-398.01	-209.95	-1393.23	199.20	481.66	72.12
8842	12.10	12.27	4.00	-484.15	-230.63	-1338.76	235.31	523.13	111.91
8843	11.77	11.62	4.00	-589.09	-236.18	-1284.63	260.88	558.70	147.83
8844	13.24	12.17	4.00	-410.95	-249.22	-1422.08	236.53	518.66	14.43
8845	12.83	11.71	4.00	-516.46	-265.65	-1358.43	282.92	551.89	57.69
8846	12.42	11.26	4.00	-630.97	-256.31	-1298.69	312.25	579.99	99.54
8847	-10.73	9.45	3.00	-437.46	-223.31	-2211.60	107.27	-1036.66	417.14
8848	-11.68	9.40	3.00	-442.81	-217.97	-2303.80	85.40	-1052.36	379.33
8849	-12.63	9.36	3.00	-430.86	-209.50	-2422.51	56.84	-1047.94	335.86
8850	-10.89	10.34	3.00	-426.69	-219.61	-2302.83	96.62	-1015.09	430.52
8851	-11.72	10.21	3.00	-425.96	-210.59	-2387.25	74.31	-1025.19	389.75
8852	-12.55	10.07	3.00	-413.89	-200.02	-2485.89	48.15	-1020.14	344.44
8853	-11.04	11.22	3.00	-409.99	-206.15	-2411.33	78.49	-985.06	431.52
8854	-11.76	11.00	3.00	-406.30	-197.28	-2478.27	58.99	-991.30	391.53
8855	-12.46	10.77	3.00	-395.65	-187.05	-2550.71	37.43	-986.67	347.61
8856	-0.52	9.79	3.00	-236.44	-188.27	-1844.47	83.49	-193.68	568.68
8857	-1.55	9.79	3.00	-227.25	-193.00	-1898.56	92.37	-306.05	576.02
8858	-2.58	9.77	3.00	-228.45	-198.38	-1941.73	102.19	-418.53	578.32
8859	-3.61	9.75	3.00	-239.66	-204.10	-1974.80	112.21	-528.43	575.36
8860	-4.64	9.73	3.00	-259.88	-209.84	-1999.73	121.57	-633.08	567.03
8861	-5.66	9.69	3.00	-287.51	-215.25	-2019.60	129.29	-729.99	553.40
8862	-6.69	9.65	3.00	-320.31	-219.92	-2038.55	134.34	-817.03	534.73
8863	-7.71	9.61	3.00	-355.42	-223.47	-2061.61	135.65	-892.52	511.38
8864	-8.73	9.55	3.00	-389.43	-225.46	-2094.44	132.16	-955.15	483.74
8865	-9.74	9.50	3.00	-418.37	-225.43	-2143.01	122.86	-1003.87	452.13
8866	-0.53	11.38	3.00	-248.52	-231.91	-1831.35	92.91	-209.44	642.68
8867	-1.60	11.36	3.00	-242.77	-235.56	-1889.05	103.32	-320.19	649.11
8868	-2.67	11.32	3.00	-246.61	-238.71	-1938.12	114.14	-430.36	648.61
8869	-3.73	11.26	3.00	-259.41	-241.09	-1979.49	124.35	-537.30	641.16
8870	-4.79	11.18	3.00	-279.92	-242.45	-2015.12	132.87	-638.43	626.93
8871	-5.84	11.08	3.00	-306.30	-242.55	-2047.88	138.63	-731.43	606.34
8872	-6.88	10.96	3.00	-336.14	-241.19	-2081.46	140.57	-814.34	579.93
8873	-7.92	10.82	3.00	-366.55	-238.19	-2120.04	137.80	-885.63	548.32
8874	-8.95	10.66	3.00	-394.30	-233.45	-2168.01	129.55	-944.06	512.08
8875	-9.96	10.49	3.00	-415.85	-226.97	-2229.57	115.34	-988.46	471.57
8876	-0.55	12.97	3.00	-265.32	-264.06	-1843.58	98.05	-225.40	693.84
8877	-1.66	12.94	3.00	-262.46	-266.01	-1906.90	108.65	-332.75	699.48
8878	-2.76	12.87	3.00	-267.84	-266.19	-1964.28	119.07	-438.99	696.76
8879	-3.85	12.77	3.00	-280.68	-264.46	-2016.46	128.08	-541.59	685.79
8880	-4.94	12.63	3.00	-299.61	-260.72	-2065.01	134.51	-638.10	666.93
8881	-6.02	12.46	3.00	-322.69	-255.01	-2112.16	137.27	-726.34	640.75
8882	-7.08	12.26	3.00	-347.53	-247.44	-2160.64	135.48	-804.42	607.95
8883	-8.13	12.03	3.00	-371.45	-238.20	-2213.39	128.47	-870.81	569.25
8884	-9.16	11.77	3.00	-391.56	-227.59	-2273.19	115.90	-924.18	525.30
8885	-10.18	11.48	3.00	-405.13	-216.09	-2342.28	97.94	-963.48	476.72
8886	-0.57	14.56	3.00	-284.63	-266.35	-1900.98	96.68	-241.09	715.02
8887	-1.71	14.51	3.00	-283.53	-266.11	-1971.64	105.31	-343.05	719.66
8888	-2.85	14.42	3.00	-288.84	-263.21	-2038.52	113.23	-443.39	714.90
8889	-3.97	14.27	3.00	-299.73	-257.68	-2101.91	119.22	-539.75	700.91
8890	-5.09	14.08	3.00	-314.87	-249.71	-2162.66	122.16	-629.84	678.12
8891	-6.19	13.85	3.00	-332.48	-239.65	-2222.04	121.13	-711.57	647.22
8892	-7.28	13.57	3.00	-350.48	-228.01	-2281.56	115.53	-783.13	609.03
8893	-8.34	13.25	3.00	-366.65	-215.41	-2342.73	105.10	-842.99	564.46
8894	-9.38	12.88	3.00	-378.83	-202.56	-2406.87	90.01	-889.96	514.47
8895	-10.40	12.48	3.00	-385.18	-189.90	-2474.75	70.84	-923.10	459.86
8896	-0.59	16.15	3.00	-302.61	-229.87	-2007.56	86.53	-254.62	690.96
8897	-1.77	16.09	3.00	-301.82	-227.74	-2086.23	91.05	-348.27	693.89
8898	-2.94	15.96	3.00	-305.38	-223.11	-2161.99	94.71	-439.78	687.03
8899	-4.09	15.78	3.00	-312.62	-216.17	-2234.51	96.49	-527.02	670.67
8900	-5.24	15.54	3.00	-322.47	-207.32	-2303.83	95.55	-607.99	645.34
8901	-6.37	15.23	3.00	-333.62	-197.16	-2370.24	91.30	-680.90	611.89
8902	-7.47	14.88	3.00	-344.58	-186.40	-2434.22	83.46	-744.21	571.40
8903	-8.55	14.46	3.00	-353.86	-175.84	-2496.27	72.13	-796.76	525.13
8904	-9.60	13.99	3.00	-360.13	-166.21	-2556.86	57.71	-837.72	474.43
8905	-10.62	13.47	3.00	-362.47	-158.20	-2616.35	40.93	-866.82	420.76
8906	-0.61	17.74	3.00	-313.84	-165.65	-2127.80	67.16	-262.05	600.42
8907	-1.82	17.66	3.00	-312.10	-162.49	-2213.53	66.98	-343.40	600.97
8908	-3.02	17.51	3.00	-312.86	-157.72	-2296.20	66.23	-422.14	592.85
8909	-4.22	17.29	3.00	-315.73	-151.55	-2374.98	64.17	-496.75	576.35
8910	-5.39	16.99	3.00	-320.08	-144.41	-2449.27	60.25	-565.80	552.14

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{XX}$ [kPa]	$\sigma_{YY}$ [kPa]	$\sigma_{ZZ}$ [kPa]	$\tau_{XY}$ [kPa]	$\tau_{XZ}$ [kPa]	$\tau_{YZ}$ [kPa]
8911	-6.54	16.62	3.00	-325.08	-136.86	-2518.68	54.08	-628.02	521.16
8912	-7.67	16.18	3.00	-329.81	-129.58	-2583.04	45.55	-682.42	484.57
8913	-8.76	15.67	3.00	-333.35	-123.23	-2642.38	34.75	-728.28	443.66
8914	-9.82	15.10	3.00	-334.86	-118.46	-2696.80	22.02	-765.21	399.81
8915	-10.84	14.46	3.00	-333.45	-115.65	-2746.70	7.73	-792.89	354.19
8916	-15.44	9.50	3.00	-289.77	-159.47	-2890.29	-48.84	-851.74	146.54
8917	-14.85	10.47	3.00	-296.06	-146.25	-2886.68	-45.95	-845.46	171.21
8918	-14.21	11.40	3.00	-302.88	-133.78	-2879.35	-41.68	-837.31	197.38
8919	-14.50	9.43	3.00	-354.19	-179.73	-2728.48	-12.76	-949.60	219.97
8920	-14.09	10.28	3.00	-350.35	-169.21	-2747.96	-12.30	-929.66	238.18
8921	-13.64	11.10	3.00	-347.34	-158.64	-2764.55	-11.00	-908.24	256.43
8922	-13.57	9.37	3.00	-396.88	-194.49	-2566.23	21.27	-1012.69	281.76
8923	-13.34	10.09	3.00	-384.64	-184.51	-2606.60	17.10	-986.39	293.45
8924	-13.08	10.80	3.00	-373.91	-173.80	-2644.47	13.69	-958.93	303.13
8925	-11.79	13.78	3.00	-329.34	-115.34	-2789.76	-6.74	-812.18	310.40
8926	-11.52	12.93	3.00	-361.50	-153.23	-2667.34	24.83	-884.71	371.80
8927	-11.25	12.09	3.00	-385.18	-179.89	-2534.80	51.95	-940.38	411.12
8928	-12.66	13.04	3.00	-322.68	-118.24	-2826.12	-20.16	-825.44	268.73
8929	-12.30	12.38	3.00	-357.53	-151.93	-2709.74	10.66	-894.69	328.20
8930	-11.95	11.73	3.00	-381.09	-173.92	-2585.43	35.51	-946.98	369.44
8931	-13.48	12.26	3.00	-312.86	-123.39	-2858.69	-32.78	-831.99	229.07
8932	-13.05	11.80	3.00	-350.34	-152.18	-2751.13	-3.02	-897.96	285.57
8933	-12.62	11.34	3.00	-373.64	-170.37	-2636.96	19.48	-946.71	328.08
8934	-10.53	9.43	4.00	-384.59	-171.36	-2234.92	103.83	-1040.96	406.06
8935	-11.47	9.39	4.00	-388.59	-164.35	-2293.87	84.57	-1041.62	358.18
8936	-12.41	9.35	4.00	-379.14	-155.20	-2373.49	60.56	-1021.66	306.14
8937	-10.69	10.30	4.00	-372.88	-166.99	-2301.03	95.93	-1007.48	408.52
8938	-11.51	10.18	4.00	-373.15	-157.76	-2356.18	76.98	-1006.23	360.67
8939	-12.33	10.04	4.00	-364.96	-147.80	-2422.50	55.42	-990.84	310.33
8940	-10.84	11.17	4.00	-357.54	-155.74	-2379.21	82.81	-967.00	399.16
8941	-11.54	10.95	4.00	-356.56	-147.39	-2423.58	66.62	-966.43	356.05
8942	-12.23	10.73	4.00	-350.42	-138.32	-2473.00	48.89	-956.30	310.71
8943	-0.51	9.77	4.00	-216.29	-152.66	-2011.84	76.59	-183.31	602.90
8944	-1.52	9.77	4.00	-203.81	-156.74	-2066.22	85.15	-305.07	611.20
8945	-2.53	9.75	4.00	-201.77	-161.38	-2106.44	94.86	-426.73	613.59
8946	-3.54	9.73	4.00	-209.83	-166.22	-2133.17	104.97	-545.07	609.65
8947	-4.55	9.71	4.00	-227.03	-170.85	-2148.33	114.58	-656.78	599.12
8948	-5.56	9.67	4.00	-251.69	-174.82	-2155.12	122.64	-758.71	581.89
8949	-6.57	9.64	4.00	-281.38	-177.70	-2157.85	128.04	-848.09	558.10
8950	-7.57	9.59	4.00	-313.16	-179.08	-2161.68	129.70	-922.63	528.07
8951	-8.57	9.54	4.00	-343.49	-178.58	-2172.27	126.62	-980.56	492.24
8952	-9.57	9.48	4.00	-368.66	-175.92	-2195.29	118.01	-1020.55	451.10
8953	-0.52	11.32	4.00	-221.52	-193.10	-1977.31	85.09	-200.70	674.42
8954	-1.57	11.30	4.00	-212.58	-195.98	-2034.33	95.50	-319.50	681.10
8955	-2.62	11.26	4.00	-213.31	-198.26	-2079.56	106.49	-437.33	679.59
8956	-3.66	11.20	4.00	-223.14	-199.60	-2113.83	117.00	-550.93	669.74
8957	-4.70	11.12	4.00	-240.79	-199.69	-2139.11	125.92	-657.13	651.68
8958	-5.73	11.02	4.00	-264.38	-198.28	-2158.39	132.11	-753.01	625.79
8959	-6.76	10.91	4.00	-291.38	-195.18	-2175.44	134.57	-836.12	592.69
8960	-7.77	10.77	4.00	-318.91	-190.30	-2194.51	132.41	-904.53	553.13
8961	-8.78	10.62	4.00	-343.82	-183.67	-2219.88	125.07	-956.80	507.98
8962	-9.78	10.45	4.00	-363.02	-175.52	-2255.45	112.35	-991.89	458.09
8963	-0.54	12.87	4.00	-230.54	-222.16	-1960.85	89.39	-216.67	713.38
8964	-1.63	12.83	4.00	-224.56	-223.22	-2022.42	100.28	-330.02	718.40
8965	-2.70	12.77	4.00	-226.97	-222.43	-2075.05	111.16	-441.74	713.64
8966	-3.78	12.67	4.00	-237.05	-219.61	-2119.37	120.77	-548.72	699.19
8967	-4.85	12.54	4.00	-253.41	-214.68	-2156.95	127.91	-648.01	675.47
8968	-5.90	12.37	4.00	-274.15	-207.74	-2190.08	131.53	-736.99	643.21
8969	-6.95	12.18	4.00	-296.90	-198.98	-2221.59	130.80	-813.44	603.35
8970	-7.98	11.96	4.00	-319.07	-188.72	-2254.43	125.18	-875.70	557.00
8971	-8.99	11.70	4.00	-338.06	-177.40	-2291.41	114.55	-922.60	505.31
8972	-9.99	11.42	4.00	-351.54	-165.64	-2334.80	99.25	-953.53	449.57
8973	-0.56	14.41	4.00	-241.85	-226.42	-1980.21	87.72	-230.29	714.07
8974	-1.68	14.37	4.00	-237.87	-225.48	-2047.76	97.27	-335.77	717.43
8975	-2.79	14.27	4.00	-240.60	-221.89	-2108.79	106.37	-439.13	710.24
8976	-3.90	14.14	4.00	-249.31	-215.68	-2163.47	113.76	-537.59	692.73
8977	-4.99	13.95	4.00	-262.74	-207.08	-2212.69	118.31	-628.48	665.53
8978	-6.07	13.72	4.00	-279.18	-196.50	-2257.81	119.16	-709.50	629.59
8979	-7.14	13.45	4.00	-296.66	-184.49	-2300.50	115.75	-778.73	586.10
8980	-8.18	13.14	4.00	-313.10	-171.71	-2342.52	107.89	-834.77	536.44
8981	-9.21	12.78	4.00	-326.52	-158.85	-2385.47	95.79	-876.73	482.05
8982	-10.20	12.39	4.00	-335.29	-146.44	-2430.66	80.02	-904.27	424.26
8983	-0.58	15.96	4.00	-252.80	-199.99	-2038.36	78.72	-240.20	671.05
8984	-1.73	15.90	4.00	-249.68	-197.44	-2112.34	85.37	-335.32	672.65
8985	-2.88	15.78	4.00	-251.45	-192.27	-2181.12	91.43	-428.02	663.87
8986	-4.01	15.60	4.00	-257.54	-184.66	-2244.39	95.82	-515.92	645.06
8987	-5.14	15.37	4.00	-266.95	-175.00	-2302.29	97.65	-596.84	616.96
8988	-6.24	15.07	4.00	-278.41	-163.89	-2355.30	96.26	-668.85	580.65
8989	-7.33	14.72	4.00	-290.44	-152.04	-2404.17	91.32	-730.45	537.47
8990	-8.39	14.32	4.00	-301.54	-140.20	-2449.75	82.82	-780.56	488.94
8991	-9.42	13.86	4.00	-310.32	-129.09	-2492.94	71.08	-818.56	436.63
8992	-10.42	13.36	4.00	-315.59	-119.26	-2534.53	56.64	-844.33	382.09
8993	-0.59	17.51	4.00	-260.74	-155.00	-2110.70	62.70	-244.56	582.86
8994	-1.78	17.43	4.00	-257.64	-151.78	-2190.72	66.18	-327.06	582.67
8995	-2.96	17.29	4.00	-257.80	-146.52	-2266.15	69.27	-406.96	573.42
8996	-4.13	17.07	4.00	-260.89	-139.43	-2336.23	71.13	-482.55	555.46
8997	-5.28	16.78	4.00	-266.30	-130.96	-2400.51	71.08	-552.24	529.56
8998	-6.41	16.42	4.00	-273.19	-121.70	-2458.80	68.64	-614.65	496.77
8999	-7.52	15.99	4.00	-280.59	-112.37	-2511.16	63.55	-668.72	458.39
9000	-8.59	15.50	4.00	-287.50	-103.69	-2557.85	55.86	-713.70	415.84
9001	-9.63	14.94	4.00	-292.97	-96.34	-2599.24	45.84	-749.22	370.64
9002	-10.63	14.32	4.00	-296.14	-90.84	-2635.89	33.92	-775.04	324.08
9003	-15.16	9.48	4.00	-274.40	-112.13	-2719.29	-24.57	-814.96	118.00
9004	-14.58	10.43	4.00	-279.82	-103.04	-2722.11	-19.11	-812.95	141.28
9005	-13.95	11.34	4.00	-285.16	-95.12	-2722.02	-12.44	-808.92	167.08
9006	-14.25	9.42	4.00	-317.20	-127.11	-2595.04	2.47	-907.26	185.51
9007	-13.84	10.25	4.00	-312.95	-118.74	-2614.73	4.47	-890.62	202.13
9008	-13.39	11.04	4.00	-309.21	-110.54	-2632.01	7.02	-872.34	219.33
9009	-13.33	9.36	4.00	-354.93	-142.36	-2476.15	32.14	-976.44	247.85

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
9010	-13.10	10.06	4.00	-344.68	-134.97	-2510.21	30.75	-951.68	257.74
9011	-12.85	10.75	4.00	-334.82	-127.01	-2542.49	29.65	-926.28	266.56
9012	-11.56	13.65	4.00	-296.97	-87.76	-2666.24	21.42	-792.15	279.79
9013	-11.30	12.83	4.00	-317.19	-112.19	-2569.60	42.08	-858.90	332.86
9014	-11.04	12.01	4.00	-338.38	-136.67	-2470.90	64.25	-916.79	373.96
9015	-12.42	12.94	4.00	-295.29	-87.45	-2690.53	9.28	-802.81	238.04
9016	-12.07	12.30	4.00	-315.63	-108.47	-2598.24	28.71	-865.65	289.44
9017	-11.72	11.66	4.00	-337.44	-130.26	-2505.11	50.14	-919.86	332.06
9018	-13.23	12.18	4.00	-290.77	-89.42	-2711.11	-2.51	-806.77	198.84
9019	-12.80	11.73	4.00	-310.87	-106.19	-2625.84	15.38	-865.54	247.36
9020	-12.39	11.28	4.00	-333.20	-125.62	-2540.45	35.79	-916.50	291.09
9021	-17.56	-2.50	4.00	-223.61	-160.58	-2579.31	18.70	-760.07	-1.95
9022	-17.47	-3.10	4.00	-224.90	-156.59	-2564.62	22.22	-758.10	-5.28
9023	-16.43	-2.50	4.00	-310.08	-165.04	-2380.55	7.10	-911.20	-25.76
9024	-16.34	-3.10	4.00	-308.84	-161.79	-2369.62	7.81	-906.06	-34.40
9025	-15.29	-2.50	4.00	-383.62	-164.19	-2204.83	-6.77	-1024.65	-49.94
9026	-15.22	-3.10	4.00	-380.39	-161.77	-2196.59	-8.75	-1017.23	-63.65
9027	-14.16	-2.50	4.00	-431.04	-158.47	-2066.32	-20.12	-1099.05	-73.07
9028	-14.09	-3.10	4.00	-426.56	-157.10	-2059.36	-24.64	-1090.02	-91.22
9029	-13.03	-2.50	4.00	-449.60	-149.51	-1973.92	-31.47	-1138.84	-94.93
9030	-12.96	-3.10	4.00	-444.69	-149.20	-1966.79	-37.99	-1128.64	-116.95
9031	-11.90	-2.50	4.00	-441.31	-138.72	-1926.30	-39.93	-1148.39	-115.57
9032	-11.83	-3.10	4.00	-436.67	-139.37	-1917.76	-47.82	-1137.38	-140.95
9033	-10.76	-2.50	4.00	-412.58	-127.47	-1915.77	-45.34	-1130.52	-134.94
9034	-10.71	-3.10	4.00	-408.71	-128.91	-1904.97	-53.98	-1119.09	-163.22
9035	-9.63	-2.50	4.00	-370.63	-116.70	-1931.35	-47.84	-1086.28	-152.68
9036	-9.58	-3.10	4.00	-367.84	-118.71	-1917.82	-56.69	-1074.93	-183.36
9037	-8.50	-2.50	4.00	-322.75	-107.02	-1961.23	-47.78	-1016.66	-168.30
9038	-8.45	-3.10	4.00	-321.19	-109.38	-1944.84	-56.39	-1005.95	-200.87
9039	-7.36	-2.50	4.00	-275.71	-98.75	-1993.96	-45.62	-923.60	-181.31
9040	-7.33	-3.10	4.00	-275.31	-101.26	-1974.95	-53.69	-914.09	-215.22
9041	-6.23	-2.50	4.00	-235.46	-92.00	-2019.55	-41.96	-810.48	-191.37
9042	-6.20	-3.10	4.00	-236.00	-94.46	-1998.41	-49.31	-802.66	-226.04
9043	-5.10	-2.50	4.00	-206.50	-86.66	-2030.24	-37.44	-682.09	-198.30
9044	-5.07	-3.10	4.00	-207.65	-88.94	-2007.64	-44.00	-676.28	-233.22
9045	-3.97	-2.50	4.00	-191.76	-82.52	-2021.04	-32.65	-544.06	-202.20
9046	-3.94	-3.10	4.00	-193.11	-84.52	-1997.72	-38.49	-540.38	-236.89
9047	-2.83	-2.50	4.00	-192.40	-79.26	-1989.86	-28.08	-402.10	-203.31
9048	-2.82	-3.10	4.00	-193.58	-80.97	-1966.48	-33.35	-400.50	-237.40
9049	-1.70	-2.50	4.00	-208.23	-76.61	-1937.09	-24.08	-261.24	-202.02
9050	-1.69	-3.10	4.00	-208.92	-78.05	-1914.20	-28.96	-261.55	-235.23
9051	-0.57	-2.50	4.00	-238.13	-74.35	-1864.93	-20.81	-125.39	-198.70
9052	-0.56	-3.10	4.00	-238.10	-75.58	-1842.89	-25.52	-127.37	-230.86
9053	-17.80	-2.50	3.00	-236.35	-218.67	-2767.87	24.76	-817.97	-13.09
9054	-17.72	-3.10	3.00	-237.50	-213.94	-2751.71	29.96	-814.62	-18.33
9055	-16.66	-2.50	3.00	-347.03	-224.29	-2523.81	11.93	-970.09	-38.79
9056	-16.57	-3.10	3.00	-345.39	-220.64	-2512.22	13.56	-963.83	-49.97
9057	-15.51	-2.50	3.00	-432.28	-219.70	-2289.27	-3.54	-1066.64	-62.12
9058	-15.43	-3.10	3.00	-428.46	-217.00	-2281.25	-5.14	-1058.82	-78.17
9059	-14.36	-2.50	3.00	-486.85	-209.39	-2098.52	-18.54	-1115.38	-82.36
9060	-14.29	-3.10	3.00	-481.99	-207.92	-2092.32	-23.19	-1106.78	-102.18
9061	-13.21	-2.50	3.00	-501.73	-194.51	-1962.89	-30.44	-1128.06	-100.23
9062	-13.14	-3.10	3.00	-496.78	-194.21	-1956.77	-37.33	-1118.86	-123.04
9063	-12.06	-2.50	3.00	-486.55	-178.07	-1880.51	-38.97	-1116.99	-117.03
9064	-12.00	-3.10	3.00	-482.10	-178.80	-1873.23	-47.32	-1107.27	-142.39
9065	-10.91	-2.50	3.00	-451.06	-161.61	-1840.00	-44.38	-1085.87	-133.05
9066	-10.86	-3.10	3.00	-447.49	-163.18	-1830.76	-53.52	-1075.83	-160.63
9067	-9.76	-2.50	3.00	-403.70	-146.08	-1829.08	-47.05	-1035.38	-148.07
9068	-9.71	-3.10	3.00	-401.22	-148.31	-1817.43	-56.43	-1025.38	-177.56
9069	-8.61	-2.50	3.00	-351.65	-132.05	-1835.78	-47.35	-965.67	-161.67
9070	-8.57	-3.10	3.00	-350.33	-134.74	-1821.58	-56.57	-956.14	-192.72
9071	-7.47	-2.50	3.00	-301.09	-119.78	-1849.23	-45.75	-877.66	-173.38
9072	-7.43	-3.10	3.00	-300.87	-122.76	-1832.61	-54.49	-869.06	-205.59
9073	-6.32	-2.50	3.00	-257.18	-109.36	-1860.10	-42.72	-773.52	-182.82
9074	-6.29	-3.10	3.00	-257.87	-112.45	-1841.44	-50.80	-766.27	-215.77
9075	-5.17	-2.50	3.00	-223.95	-100.71	-1861.11	-38.78	-656.66	-189.75
9076	-5.14	-3.10	3.00	-225.27	-103.80	-1840.92	-46.12	-651.06	-223.03
9077	-4.02	-2.50	3.00	-204.08	-93.66	-1847.26	-34.42	-531.33	-194.11
9078	-4.00	-3.10	3.00	-205.70	-96.65	-1826.14	-41.05	-527.55	-227.34
9079	-2.87	-2.50	3.00	-198.97	-87.99	-1815.94	-30.07	-402.04	-195.99
9080	-2.86	-3.10	3.00	-200.55	-90.82	-1794.48	-36.08	-400.10	-228.84
9081	-1.72	-2.50	3.00	-208.89	-83.46	-1766.65	-26.06	-273.03	-195.60
9082	-1.71	-3.10	3.00	-210.12	-86.13	-1745.36	-31.58	-272.85	-227.81
9083	-0.57	-2.50	3.00	-233.31	-79.92	-1700.55	-22.59	-147.83	-193.16
9084	-0.57	-3.10	3.00	-233.95	-82.44	-1679.84	-27.80	-149.25	-224.53
9085	17.56	-2.50	4.00	-3859.79	-802.86	-2307.13	10.81	919.27	40.81
9086	16.43	-2.50	4.00	-2784.81	-612.28	-1476.63	17.86	673.22	57.26
9087	15.29	-2.50	4.00	-2176.96	-467.16	-1049.32	9.76	699.79	24.08
9088	14.16	-2.50	4.00	-1796.21	-363.15	-885.50	4.03	713.73	-7.41
9089	13.03	-2.50	4.00	-1534.28	-279.12	-816.93	-0.27	714.38	-34.24
9090	11.90	-2.50	4.00	-1332.94	-213.22	-808.14	-4.78	704.13	-57.52
9091	10.76	-2.50	4.00	-1164.66	-163.93	-841.41	-8.91	683.72	-78.37
9092	9.63	-2.50	4.00	-1017.13	-128.70	-905.90	-11.83	653.06	-97.48
9093	8.50	-2.50	4.00	-884.87	-104.48	-993.28	-13.41	611.57	-115.07
9094	7.36	-2.50	4.00	-765.41	-88.53	-1096.67	-14.04	558.64	-131.15
9095	6.23	-2.50	4.00	-657.62	-78.64	-1210.21	-14.21	493.96	-145.63
9096	5.10	-2.50	4.00	-560.93	-73.09	-1328.84	-14.32	417.57	-158.44
9097	3.97	-2.50	4.00	-475.03	-70.58	-1448.30	-14.64	329.81	-169.58
9098	2.83	-2.50	4.00	-399.68	-70.09	-1564.93	-15.34	231.13	-179.12
9099	1.70	-2.50	4.00	-334.82	-70.87	-1675.43	-16.52	121.97	-187.14
9100	0.57	-2.50	4.00	-280.72	-72.40	-1776.55	-18.32	2.85	-193.68
9101	17.47	-3.10	4.00	-3843.76	-791.54	-2260.56	-46.42	910.03	117.28
9102	16.34	-3.10	4.00	-2772.26	-609.89	-1449.62	-12.97	665.24	95.61
9103	15.22	-3.10	4.00	-2166.13	-466.24	-1032.16	-0.04	690.52	34.40
9104	14.09	-3.10	4.00	-1787.36	-359.71	-872.93	0.88	705.19	-8.85
9105	12.96	-3.10	4.00	-1526.26	-273.17	-806.95	-3.04	705.99	-41.96
9106	11.83	-3.10	4.00	-1324.64	-206.72	-799.26	-9.32	695.43	-69.31
9107	10.71	-3.10	4.00	-1155.72	-158.52	-832.52	-15.03	674.62	-93.37
9108	9.58	-3.10	4.00	-1007.94	-125.06	-896.21	-18.73	643.71	-115.22

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
9109	8.45	-3.10	4.00	-876.07	-102.54	-982.30	-20.45	602.21	-135.22
9110	7.33	-3.10	4.00	-757.49	-87.90	-1084.16	-20.86	549.56	-153.41
9111	6.20	-3.10	4.00	-650.90	-78.87	-1196.07	-20.63	485.43	-169.73
9112	5.07	-3.10	4.00	-555.51	-73.82	-1313.13	-20.31	409.80	-184.17
9113	3.94	-3.10	4.00	-470.88	-71.54	-1431.12	-20.20	322.96	-196.77
9114	2.82	-3.10	4.00	-396.72	-71.13	-1546.40	-20.52	225.31	-207.65
9115	1.69	-3.10	4.00	-332.95	-71.94	-1655.63	-21.42	117.29	-216.93
9116	0.56	-3.10	4.00	-279.84	-73.51	-1755.58	-23.04	-0.56	-224.68
9117	17.80	-2.50	3.00	-2860.02	-485.55	-2014.52	32.59	359.75	-72.92
9118	16.66	-2.50	3.00	-2375.58	-482.76	-1683.34	-13.66	236.86	37.74
9119	15.51	-2.50	3.00	-2028.77	-435.03	-1217.67	-13.33	344.77	31.08
9120	14.36	-2.50	3.00	-1748.79	-365.13	-958.77	-7.92	457.07	0.21
9121	13.21	-2.50	3.00	-1521.49	-293.42	-836.18	-5.30	519.97	-29.70
9122	12.06	-2.50	3.00	-1329.79	-230.42	-792.27	-6.34	548.39	-55.29
9123	10.91	-2.50	3.00	-1161.98	-180.51	-800.57	-9.19	553.63	-77.34
9124	9.76	-2.50	3.00	-1011.84	-143.52	-845.26	-11.88	541.29	-96.72
9125	8.61	-2.50	3.00	-876.37	-117.31	-915.83	-13.58	513.94	-114.02
9126	7.47	-2.50	3.00	-754.05	-99.42	-1004.39	-14.34	472.72	-129.55
9127	6.32	-2.50	3.00	-644.11	-87.73	-1104.62	-14.60	418.33	-143.43
9128	5.17	-2.50	3.00	-546.11	-80.60	-1211.23	-14.80	351.33	-155.69
9129	4.02	-2.50	3.00	-459.81	-76.79	-1319.76	-15.25	272.35	-166.36
9130	2.87	-2.50	3.00	-385.14	-75.38	-1426.32	-16.16	182.09	-175.45
9131	1.72	-2.50	3.00	-322.21	-75.70	-1527.43	-17.64	81.30	-182.97
9132	0.57	-2.50	3.00	-271.38	-77.30	-1619.87	-19.78	-29.10	-188.90
9133	17.72	-3.10	3.00	-2873.16	-469.01	-1960.45	-210.10	342.29	85.75
9134	16.57	-3.10	3.00	-2366.09	-471.74	-1653.35	-94.67	226.13	81.58
9135	15.43	-3.10	3.00	-2016.18	-434.27	-1199.95	-41.83	335.47	47.44
9136	14.29	-3.10	3.00	-1738.66	-363.22	-946.13	-16.65	448.79	1.32
9137	13.14	-3.10	3.00	-1513.54	-289.12	-826.23	-8.99	512.46	-35.99
9138	12.00	-3.10	3.00	-1322.42	-224.87	-783.51	-10.45	541.04	-66.44
9139	10.86	-3.10	3.00	-1154.25	-175.57	-792.02	-14.68	546.13	-92.06
9140	9.71	-3.10	3.00	-1003.80	-140.17	-836.17	-18.22	533.60	-114.30
9141	8.57	-3.10	3.00	-868.54	-115.67	-905.67	-20.14	506.15	-134.00
9142	7.43	-3.10	3.00	-746.98	-99.21	-992.84	-20.75	465.04	-151.59
9143	6.29	-3.10	3.00	-638.14	-88.55	-1091.53	-20.70	410.96	-167.27
9144	5.14	-3.10	3.00	-541.39	-82.10	-1196.60	-20.54	344.51	-181.12
9145	4.00	-3.10	3.00	-456.37	-78.70	-1303.64	-20.68	266.28	-193.21
9146	2.86	-3.10	3.00	-382.92	-77.52	-1408.82	-21.34	176.94	-203.58
9147	1.71	-3.10	3.00	-321.09	-77.99	-1508.69	-22.70	77.22	-212.28
9148	0.57	-3.10	3.00	-271.22	-79.70	-1600.04	-24.83	-31.93	-219.29
9149	0.56	-3.95	4.00	-277.85	-75.81	-1724.22	-29.66	-6.62	-268.27
9150	0.55	-5.05	4.00	-274.55	-80.50	-1680.72	-38.15	-16.12	-324.21
9151	0.54	-6.15	4.00	-270.58	-88.26	-1632.57	-46.44	-27.59	-378.48
9152	0.52	-7.25	4.00	-266.35	-99.70	-1579.46	-54.41	-40.88	-429.41
9153	1.67	-3.95	4.00	-329.13	-74.16	-1626.37	-28.22	109.16	-258.87
9154	1.65	-5.05	4.00	-322.90	-78.72	-1586.18	-36.77	96.54	-312.75
9155	1.61	-6.15	4.00	-315.29	-86.33	-1542.18	-44.90	81.28	-365.09
9156	1.57	-7.25	4.00	-306.76	-97.56	-1493.96	-52.53	63.45	-414.32
9157	2.79	-3.95	4.00	-390.88	-73.32	-1519.35	-27.71	215.35	-247.80
9158	2.75	-5.06	4.00	-381.35	-77.81	-1482.70	-36.67	200.00	-299.33
9159	2.69	-6.16	4.00	-369.55	-85.29	-1443.20	-45.04	181.49	-349.32
9160	2.62	-7.25	4.00	-356.01	-96.31	-1400.47	-52.67	159.77	-396.37
9161	3.91	-3.95	4.00	-462.80	-73.63	-1406.42	-27.98	311.35	-234.99
9162	3.84	-5.06	4.00	-449.56	-77.96	-1373.50	-37.73	293.59	-283.89
9163	3.76	-6.16	4.00	-432.95	-85.23	-1338.77	-46.79	272.26	-331.18
9164	3.67	-7.25	4.00	-413.56	-95.96	-1301.94	-54.90	247.25	-375.68
9165	5.02	-3.95	4.00	-544.98	-75.58	-1290.91	-28.86	396.73	-220.27
9166	4.94	-5.06	4.00	-527.57	-79.45	-1261.91	-39.83	376.86	-266.27
9167	4.84	-6.16	4.00	-505.45	-86.26	-1232.19	-50.17	353.12	-310.58
9168	4.72	-7.26	4.00	-479.21	-96.53	-1201.55	-59.36	325.38	-352.20
9169	6.14	-3.96	4.00	-637.78	-79.88	-1176.48	-30.13	471.13	-203.48
9170	6.04	-5.06	4.00	-615.81	-82.72	-1151.56	-42.83	449.52	-246.30
9171	5.92	-6.16	4.00	-587.38	-88.58	-1127.00	-55.19	423.85	-287.37
9172	5.77	-7.26	4.00	-553.08	-98.05	-1102.68	-66.25	393.95	-325.89
9173	7.25	-3.96	4.00	-741.85	-87.51	-1067.24	-31.45	534.39	-184.53
9174	7.14	-5.07	4.00	-715.12	-88.42	-1046.44	-46.43	511.52	-223.86
9175	6.99	-6.17	4.00	-679.63	-92.50	-1027.04	-61.76	484.46	-261.43
9176	6.82	-7.26	4.00	-635.86	-100.61	-1008.98	-75.80	453.02	-296.66
9177	8.37	-3.96	4.00	-858.30	-99.91	-967.92	-32.17	586.59	-163.40
9178	8.24	-5.07	4.00	-827.04	-97.56	-951.01	-50.03	563.07	-198.90
9179	8.07	-6.17	4.00	-783.96	-98.55	-936.47	-69.57	535.27	-232.72
9180	7.87	-7.26	4.00	-729.07	-104.36	-924.33	-88.15	502.93	-264.45
9181	9.49	-3.96	4.00	-988.93	-119.24	-883.91	-31.31	628.11	-140.10
9182	9.33	-5.07	4.00	-954.11	-111.89	-870.23	-52.44	604.66	-171.43
9183	9.14	-6.17	4.00	-903.50	-107.75	-859.86	-77.71	576.87	-201.22
9184	8.92	-7.26	4.00	-835.76	-109.67	-852.91	-103.16	544.33	-229.22
9185	10.60	-3.96	4.00	-1136.80	-148.87	-821.44	-27.62	659.52	-114.59
9186	10.43	-5.07	4.00	-1100.49	-134.55	-809.74	-51.66	636.91	-141.43
9187	10.22	-6.17	4.00	-1043.62	-122.19	-802.23	-84.25	610.08	-166.95
9188	9.97	-7.26	4.00	-961.46	-117.39	-799.22	-120.03	578.16	-190.90
9189	11.72	-3.96	4.00	-1307.09	-193.75	-788.03	-20.21	681.16	-86.43
9190	11.53	-5.08	4.00	-1272.51	-171.26	-776.27	-44.92	660.19	-108.61
9191	11.29	-6.18	4.00	-1213.11	-146.32	-769.45	-85.41	635.53	-129.81
9192	11.01	-7.26	4.00	-1116.26	-129.50	-768.34	-136.63	605.48	-149.43
9193	12.83	-3.96	4.00	-1509.87	-260.09	-793.66	-10.13	692.40	-54.28
9194	12.63	-5.08	4.00	-1479.97	-231.94	-778.94	-29.93	673.57	-71.78
9195	12.37	-6.18	4.00	-1425.60	-190.20	-769.41	-74.70	652.91	-89.17
9196	12.06	-7.26	4.00	-1318.41	-151.15	-766.85	-147.24	627.00	-104.47
9197	13.95	-3.96	4.00	-1767.83	-352.83	-854.40	-2.48	690.55	-14.53
9198	13.73	-5.08	4.00	-1740.48	-330.01	-832.70	-9.34	673.08	-27.61
9199	13.45	-6.18	4.00	-1701.00	-274.91	-816.21	-45.06	658.99	-42.67
9200	13.11	-7.26	4.00	-1598.78	-199.10	-806.53	-138.70	642.06	-54.70
9201	15.07	-3.96	4.00	-2134.56	-473.15	-1004.48	-6.09	670.01	40.94
9202	14.82	-5.08	4.00	-2095.81	-473.38	-969.78	3.64	648.52	32.10
9203	14.52	-6.18	4.00	-2073.04	-428.43	-942.52	-1.41	644.85	14.75
9204	14.16	-7.27	4.00	-2004.11	-319.00	-920.97	-95.22	646.74	6.31
9205	16.18	-3.96	4.00	-2711.85	-629.30	-1386.36	-33.74	622.99	127.04
9206	15.92	-5.08	4.00	-2641.54	-658.86	-1311.68	-11.62	583.44	120.49
9207	15.60	-6.19	4.00	-2618.60	-646.31	-1261.56	18.94	596.02	90.84

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
9208	15.21	-7.27	4.00	-2609.88	-561.58	-1224.81	-38.66	643.12	82.25
9209	17.30	-3.97	4.00	-3778.94	-829.80	-2126.75	-97.76	832.70	180.31
9210	17.02	-5.09	4.00	-3671.93	-876.28	-1965.94	-70.23	744.03	154.87
9211	16.67	-6.19	4.00	-3619.86	-868.10	-1868.34	-8.42	753.60	87.80
9212	16.26	-7.27	4.00	-3642.24	-808.14	-1799.74	-45.66	845.67	67.88
9213	0.57	-3.95	3.00	-270.63	-84.22	-1570.37	-31.96	-36.93	-261.50
9214	0.56	-5.05	3.00	-269.55	-92.08	-1529.62	-41.14	-44.74	-314.79
9215	0.55	-6.15	3.00	-268.25	-102.98	-1485.55	-50.18	-54.15	-365.65
9216	0.53	-7.25	3.00	-267.04	-117.17	-1438.37	-58.92	-65.02	-412.91
9217	1.70	-3.95	3.00	-318.71	-82.33	-1480.93	-29.81	70.19	-253.05
9218	1.67	-5.05	3.00	-314.78	-89.95	-1443.16	-38.93	59.38	-304.57
9219	1.64	-6.15	3.00	-309.96	-100.58	-1402.72	-47.79	46.42	-353.80
9220	1.60	-7.25	3.00	-304.62	-114.51	-1359.77	-56.26	31.40	-399.63
9221	2.83	-3.95	3.00	-378.49	-81.66	-1383.22	-28.67	168.18	-242.74
9222	2.79	-5.06	3.00	-371.25	-88.97	-1348.83	-38.05	154.82	-292.22
9223	2.73	-6.16	3.00	-362.25	-99.28	-1312.57	-47.10	138.90	-339.48
9224	2.67	-7.25	3.00	-351.93	-112.86	-1274.55	-55.61	120.43	-383.54
9225	3.96	-3.95	3.00	-449.67	-82.48	-1280.40	-28.43	256.08	-230.59
9226	3.90	-5.06	3.00	-438.65	-89.32	-1249.69	-38.46	240.63	-277.77
9227	3.82	-6.16	3.00	-424.80	-99.15	-1217.99	-48.14	222.33	-322.79
9228	3.73	-7.25	3.00	-408.60	-112.26	-1185.42	-57.14	201.13	-364.78
9229	5.09	-3.95	3.00	-532.22	-85.26	-1175.88	-28.93	333.16	-216.54
9230	5.01	-5.06	3.00	-517.01	-91.26	-1149.06	-40.05	316.09	-261.19
9231	4.92	-6.16	3.00	-497.59	-100.31	-1122.18	-50.95	296.00	-303.73
9232	4.80	-7.25	3.00	-474.49	-112.71	-1095.37	-61.02	272.80	-343.43
9233	6.23	-3.96	3.00	-626.42	-90.65	-1073.41	-29.93	398.79	-200.51
9234	6.13	-5.06	3.00	-606.70	-95.22	-1050.59	-42.66	380.62	-242.39
9235	6.01	-6.16	3.00	-581.00	-102.95	-1028.62	-55.51	359.41	-282.27
9236	5.86	-7.26	3.00	-549.82	-114.28	-1007.68	-67.45	335.02	-319.53
9237	7.36	-3.96	3.00	-732.89	-99.62	-977.27	-30.98	452.42	-182.40
9238	7.24	-5.07	3.00	-708.61	-101.83	-958.35	-45.89	433.76	-221.28
9239	7.10	-6.17	3.00	-676.01	-107.38	-941.18	-61.67	412.18	-258.35
9240	6.93	-7.26	3.00	-635.39	-117.04	-925.96	-76.61	387.49	-293.08
9241	8.49	-3.96	3.00	-852.60	-113.59	-892.39	-31.36	493.51	-162.09
9242	8.36	-5.07	3.00	-824.20	-112.16	-876.96	-49.01	475.02	-197.72
9243	8.19	-6.17	3.00	-784.40	-114.17	-864.14	-68.97	453.93	-231.89
9244	8.00	-7.26	3.00	-732.87	-121.17	-854.19	-88.56	429.98	-264.07
9245	9.62	-3.96	3.00	-986.99	-134.79	-824.61	-30.10	521.30	-139.31
9246	9.47	-5.07	3.00	-955.72	-128.04	-811.83	-50.74	503.66	-171.46
9247	9.28	-6.17	3.00	-909.20	-124.43	-802.44	-76.34	484.05	-202.70
9248	9.06	-7.26	3.00	-845.37	-127.02	-796.82	-103.03	462.08	-232.42
9249	10.75	-3.96	3.00	-1137.87	-166.55	-781.23	-26.25	534.40	-113.51
9250	10.59	-5.07	3.00	-1106.13	-152.80	-769.64	-49.15	518.20	-141.90
9251	10.38	-6.17	3.00	-1054.95	-140.45	-762.04	-81.66	501.15	-170.33
9252	10.13	-7.26	3.00	-978.17	-135.54	-759.10	-119.01	482.79	-197.85
9253	11.89	-3.96	3.00	-1307.32	-213.44	-772.14	-20.01	529.84	-83.55
9254	11.70	-5.07	3.00	-1278.39	-192.45	-759.56	-42.18	515.35	-107.73
9255	11.47	-6.18	3.00	-1227.70	-167.25	-751.04	-81.12	502.03	-133.65
9256	11.19	-7.26	3.00	-1139.93	-149.00	-747.89	-133.88	489.57	-159.71
9257	13.02	-3.96	3.00	-1497.90	-279.68	-812.42	-15.38	501.18	-47.38
9258	12.81	-5.08	3.00	-1473.40	-256.41	-795.96	-30.49	488.12	-66.42
9259	12.56	-6.18	3.00	-1432.62	-215.98	-782.51	-69.35	479.63	-90.04
9260	12.26	-7.26	3.00	-1343.58	-173.64	-773.97	-141.25	476.33	-116.08
9261	14.15	-3.96	3.00	-1714.69	-363.55	-927.89	-23.89	435.39	-1.55
9262	13.93	-5.08	3.00	-1687.30	-353.23	-904.07	-25.05	422.29	-14.44
9263	13.65	-6.18	3.00	-1666.55	-307.27	-880.91	-45.53	420.50	-35.41
9264	13.33	-7.26	3.00	-1602.31	-229.21	-859.03	-128.51	431.02	-61.82
9265	15.28	-3.96	3.00	-1967.04	-450.36	-1168.81	-65.75	311.96	58.68
9266	15.04	-5.08	3.00	-1910.98	-473.21	-1129.77	-55.75	291.85	50.87
9267	14.75	-6.18	3.00	-1907.51	-454.36	-1091.09	-32.88	303.18	28.04
9268	14.39	-7.26	3.00	-1912.65	-360.70	-1049.14	-90.91	340.71	7.93
9269	16.41	-3.96	3.00	-2261.82	-514.97	-1605.59	-170.30	169.25	126.07
9270	16.16	-5.08	3.00	-2133.60	-574.97	-1526.11	-154.68	104.05	112.21
9271	15.84	-6.19	3.00	-2126.37	-597.25	-1454.76	-85.45	127.81	59.27
9272	15.46	-7.27	3.00	-2246.99	-566.31	-1390.69	-76.68	236.40	42.17
9273	17.55	-3.96	3.00	-2582.18	-518.44	-1767.53	-329.51	69.35	140.01
9274	17.27	-5.09	3.00	-2361.96	-519.45	-1599.06	-242.69	-141.46	56.90
9275	16.93	-6.19	3.00	-2370.12	-530.64	-1500.99	-199.21	-127.29	-23.71
9276	16.52	-7.27	3.00	-2597.67	-594.74	-1493.99	-134.11	105.74	-119.60
9277	-17.30	-3.97	4.00	-227.40	-150.94	-2542.01	26.30	-755.25	-10.92
9278	-17.02	-5.09	4.00	-231.12	-141.00	-2510.78	29.80	-751.78	-19.96
9279	-16.67	-6.19	4.00	-235.84	-129.63	-2478.15	31.38	-748.94	-30.71
9280	-16.26	-7.27	4.00	-241.10	-117.34	-2443.66	31.37	-746.28	-42.44
9281	-16.18	-3.96	4.00	-306.99	-156.04	-2353.58	8.38	-897.78	-47.46
9282	-15.92	-5.08	4.00	-304.50	-147.63	-2332.50	8.34	-886.14	-64.84
9283	-15.60	-6.19	4.00	-302.14	-137.80	-2311.14	7.24	-873.53	-82.48
9284	-15.21	-7.27	4.00	-299.77	-126.92	-2288.82	5.59	-859.55	-99.89
9285	-15.07	-3.96	4.00	-375.02	-157.63	-2185.40	-11.80	-1004.97	-83.40
9286	-14.82	-5.08	4.00	-367.28	-151.40	-2171.62	-15.76	-986.97	-108.53
9287	-14.52	-6.18	4.00	-358.77	-144.11	-2158.61	-19.62	-966.45	-132.69
9288	-14.16	-7.27	4.00	-349.51	-136.08	-2145.71	-23.15	-943.19	-155.55
9289	-13.95	-3.96	4.00	-418.97	-154.76	-2050.52	-30.93	-1074.86	-116.89
9290	-13.73	-5.08	4.00	-407.79	-151.30	-2040.46	-38.45	-1052.27	-149.02
9291	-13.45	-6.18	4.00	-395.18	-147.17	-2031.98	-45.00	-1026.10	-179.26
9292	-13.11	-7.26	4.00	-381.38	-142.44	-2024.47	-50.42	-996.35	-207.26
9293	-12.83	-3.96	4.00	-436.33	-148.73	-1957.76	-46.89	-1111.42	-147.79
9294	-12.63	-5.08	4.00	-423.89	-148.13	-1947.63	-57.40	-1085.62	-186.11
9295	-12.37	-6.18	4.00	-409.73	-147.29	-1939.36	-66.35	-1055.62	-221.77
9296	-12.06	-7.26	4.00	-394.22	-145.99	-1932.54	-73.53	-1021.55	-254.33
9297	-11.72	-3.96	4.00	-428.76	-140.60	-1906.42	-58.54	-1118.76	-176.28
9298	-11.53	-5.08	4.00	-416.96	-142.59	-1892.98	-71.22	-1090.82	-219.96
9299	-11.29	-6.18	4.00	-403.48	-144.76	-1881.16	-82.04	-1058.36	-260.32
9300	-11.01	-7.26	4.00	-388.65	-146.71	-1870.84	-90.67	-1021.57	-296.79
9301	-10.60	-3.96	4.00	-402.14	-131.52	-1889.84	-65.73	-1099.78	-202.38
9302	-10.43	-5.07	4.00	-392.32	-135.65	-1870.80	-79.73	-1070.84	-250.66
9303	-10.22	-6.17	4.00	-381.07	-140.37	-1852.72	-91.80	-1037.24	-295.06
9304	-9.97	-7.26	4.00	-368.64	-145.23	-1835.78	-101.54	-999.24	-334.89
9305	-9.49	-3.96	4.00	-363.15	-122.34	-1898.07	-68.77	-1055.81	-225.73
9306	-9.33	-5.07	4.00	-356.14	-128.08	-1872.17	-83.33	-1027.17	-277.88

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
9307	-9.14	-6.17	4.00	-348.09	-134.82	-1846.26	-96.10	-993.96	-325.72
9308	-8.92	-7.26	4.00	-339.13	-142.11	-1820.81	-106.63	-956.45	-368.45
9309	-8.37	-3.96	4.00	-318.59	-113.65	-1920.29	-68.24	-987.99	-245.77
9310	-8.24	-5.07	4.00	-314.71	-120.43	-1887.23	-82.73	-961.11	-301.06
9311	-8.07	-6.17	4.00	-310.20	-128.62	-1853.02	-95.72	-929.93	-351.78
9312	-7.87	-7.26	4.00	-305.11	-137.83	-1818.36	-106.74	-894.69	-397.01
9313	-7.25	-3.96	4.00	-274.70	-105.79	-1946.00	-64.89	-898.24	-261.95
9314	-7.14	-5.07	4.00	-273.77	-113.10	-1906.32	-78.85	-874.55	-319.64
9315	-6.99	-6.17	4.00	-272.66	-122.20	-1864.33	-91.69	-847.01	-372.70
9316	-6.82	-7.26	4.00	-271.29	-132.78	-1820.88	-102.93	-815.77	-420.07
9317	-6.14	-3.96	4.00	-236.97	-98.94	-1965.92	-59.62	-789.72	-273.91
9318	-6.04	-5.06	4.00	-238.41	-106.32	-1920.88	-72.73	-770.40	-333.24
9319	-5.92	-6.16	4.00	-240.01	-115.82	-1872.46	-85.13	-747.88	-388.13
9320	-5.77	-7.26	4.00	-241.67	-127.30	-1821.51	-96.34	-722.13	-437.32
9321	-5.02	-3.95	4.00	-209.61	-93.12	-1972.78	-53.34	-666.79	-281.55
9322	-4.94	-5.06	4.00	-212.51	-100.22	-1924.10	-65.44	-652.65	-341.81
9323	-4.84	-6.16	4.00	-215.83	-109.74	-1871.13	-77.19	-636.06	-397.97
9324	-4.72	-7.26	4.00	-219.48	-121.70	-1814.63	-88.14	-616.88	-448.63
9325	-3.91	-3.95	4.00	-195.36	-88.26	-1961.76	-46.89	-534.55	-285.07
9326	-3.84	-5.06	4.00	-198.70	-94.85	-1911.32	-57.95	-525.89	-345.56
9327	-3.76	-6.16	4.00	-202.56	-104.11	-1855.92	-68.93	-515.67	-402.46
9328	-3.67	-7.25	4.00	-206.93	-116.24	-1796.13	-79.43	-503.61	-454.21
9329	-2.79	-3.95	4.00	-195.47	-84.23	-1930.58	-40.96	-398.21	-284.93
9330	-2.75	-5.06	4.00	-198.22	-90.20	-1880.15	-51.06	-394.91	-345.02
9331	-2.69	-6.16	4.00	-201.47	-99.06	-1824.37	-61.22	-390.96	-402.10
9332	-2.62	-7.25	4.00	-205.27	-111.14	-1763.57	-71.12	-386.05	-454.47
9333	-1.67	-3.95	4.00	-209.88	-80.86	-1879.28	-36.00	-262.48	-281.70
9334	-1.65	-5.05	4.00	-211.21	-86.27	-1830.29	-45.30	-264.06	-340.84
9335	-1.61	-6.15	4.00	-212.81	-94.69	-1775.89	-54.69	-265.93	-397.52
9336	-1.57	-7.25	4.00	-214.87	-106.58	-1716.11	-63.91	-267.76	-450.01
9337	-0.56	-3.95	4.00	-237.73	-78.06	-1809.59	-32.22	-131.09	-275.97
9338	-0.55	-5.05	4.00	-236.99	-83.03	-1763.06	-40.97	-136.93	-333.69
9339	-0.54	-6.15	4.00	-236.13	-91.06	-1711.34	-49.70	-143.93	-389.42
9340	-0.52	-7.25	4.00	-235.46	-102.73	-1654.25	-58.25	-151.86	-441.45
9341	-17.55	-3.96	3.00	-239.39	-207.42	-2725.85	36.34	-808.75	-26.53
9342	-17.27	-5.09	3.00	-242.35	-195.94	-2690.40	42.16	-801.05	-39.49
9343	-16.93	-6.19	3.00	-247.28	-182.78	-2655.16	45.63	-794.79	-54.05
9344	-16.52	-7.27	3.00	-253.73	-168.16	-2619.22	47.76	-789.70	-68.52
9345	-16.41	-3.96	3.00	-342.73	-214.02	-2495.11	15.38	-953.66	-66.60
9346	-16.16	-5.08	3.00	-339.31	-204.41	-2472.59	16.70	-939.36	-88.43
9347	-15.84	-6.19	3.00	-336.56	-192.88	-2449.64	16.80	-924.03	-109.94
9348	-15.46	-7.27	3.00	-334.34	-179.77	-2425.52	16.54	-907.24	-130.33
9349	-15.28	-3.96	3.00	-422.10	-212.26	-2270.48	-7.70	-1045.95	-101.21
9350	-15.04	-5.08	3.00	-413.08	-205.16	-2257.42	-10.92	-1027.13	-130.49
9351	-14.75	-6.18	3.00	-403.44	-196.57	-2245.28	-13.87	-1005.72	-158.41
9352	-14.39	-7.26	3.00	-393.14	-186.81	-2233.38	-16.18	-981.42	-184.52
9353	-14.15	-3.96	3.00	-473.77	-205.34	-2084.79	-29.69	-1092.46	-130.29
9354	-13.93	-5.08	3.00	-461.75	-201.64	-2076.81	-37.27	-1071.20	-165.70
9355	-13.65	-6.18	3.00	-448.28	-197.06	-2070.85	-43.65	-1046.58	-199.25
9356	-13.33	-7.26	3.00	-433.54	-191.59	-2066.35	-48.55	-1018.49	-230.54
9357	-13.02	-3.96	3.00	-488.38	-193.76	-1949.51	-46.77	-1103.47	-155.15
9358	-12.81	-5.08	3.00	-475.95	-193.37	-1942.11	-57.79	-1080.52	-195.40
9359	-12.56	-6.18	3.00	-461.82	-192.70	-1937.17	-67.09	-1053.87	-233.38
9360	-12.26	-7.26	3.00	-446.29	-191.48	-1934.39	-74.39	-1023.59	-268.65
9361	-11.89	-3.96	3.00	-474.57	-180.19	-1864.04	-58.70	-1090.97	-177.86
9362	-11.70	-5.07	3.00	-463.39	-182.67	-1853.89	-72.09	-1066.65	-222.12
9363	-11.47	-6.18	3.00	-450.65	-185.40	-1846.05	-83.53	-1038.49	-263.65
9364	-11.19	-7.26	3.00	-436.63	-187.94	-1840.49	-92.66	-1006.65	-301.97
9365	-10.75	-3.96	3.00	-441.48	-166.09	-1818.26	-65.98	-1059.01	-199.00
9366	-10.59	-5.07	3.00	-432.59	-170.91	-1803.22	-80.78	-1033.92	-246.68
9367	-10.38	-6.17	3.00	-422.47	-176.46	-1789.89	-93.59	-1004.95	-291.15
9368	-10.13	-7.26	3.00	-411.33	-182.21	-1778.57	-103.99	-972.36	-331.91
9369	-9.62	-3.96	3.00	-397.10	-152.39	-1800.84	-69.26	-1008.63	-218.42
9370	-9.47	-5.07	3.00	-391.06	-159.02	-1779.71	-84.65	-983.69	-268.99
9371	-9.28	-6.17	3.00	-384.22	-166.81	-1759.45	-98.18	-954.96	-315.95
9372	-9.06	-7.26	3.00	-376.71	-175.23	-1740.59	-109.41	-922.75	-358.72
9373	-8.49	-3.96	3.00	-348.22	-139.65	-1800.68	-69.21	-940.23	-235.60
9374	-8.36	-5.07	3.00	-345.20	-147.58	-1773.10	-84.57	-916.56	-288.57
9375	-8.19	-6.17	3.00	-341.84	-157.05	-1745.39	-98.30	-889.34	-337.60
9376	-8.00	-7.26	3.00	-338.18	-167.59	-1718.32	-109.99	-858.86	-382.04
9377	-7.36	-3.96	3.00	-300.64	-128.17	-1807.65	-66.56	-854.77	-250.00
9378	-7.24	-5.07	3.00	-300.44	-136.93	-1773.98	-81.41	-833.55	-304.83
9379	-7.10	-6.17	3.00	-300.34	-147.58	-1739.17	-94.97	-809.15	-355.54
9380	-6.93	-7.26	3.00	-300.31	-159.71	-1704.13	-106.80	-781.81	-401.38
9381	-6.23	-3.96	3.00	-259.19	-118.09	-1813.05	-62.04	-754.31	-261.18
9382	-6.13	-5.06	3.00	-261.31	-127.28	-1774.24	-76.09	-736.57	-317.32
9383	-6.01	-6.16	3.00	-263.88	-138.65	-1733.34	-89.18	-716.17	-369.33
9384	-5.86	-7.26	3.00	-266.84	-151.90	-1691.35	-100.91	-693.23	-416.32
9385	-5.09	-3.95	3.00	-227.64	-109.44	-1810.03	-56.43	-641.94	-268.92
9386	-5.01	-5.06	3.00	-231.31	-118.71	-1767.42	-69.49	-628.45	-325.81
9387	-4.92	-6.16	3.00	-235.69	-130.43	-1721.93	-81.93	-612.91	-378.70
9388	-4.80	-7.25	3.00	-240.72	-144.41	-1674.54	-93.36	-595.36	-426.60
9389	-3.96	-3.95	3.00	-208.53	-102.13	-1793.78	-50.42	-521.52	-273.21
9390	-3.90	-5.06	3.00	-212.87	-111.25	-1748.92	-62.45	-512.68	-330.31
9391	-3.82	-6.16	3.00	-218.04	-123.04	-1700.60	-74.12	-502.50	-383.66
9392	-3.73	-7.25	3.00	-224.03	-137.42	-1649.68	-85.10	-490.91	-432.18
9393	-2.83	-3.95	3.00	-203.24	-96.06	-1761.67	-44.60	-397.20	-274.27
9394	-2.79	-5.06	3.00	-207.35	-104.89	-1716.10	-55.66	-393.05	-331.04
9395	-2.73	-6.16	3.00	-212.26	-116.55	-1666.71	-66.53	-388.31	-384.42
9396	-2.67	-7.25	3.00	-218.03	-131.08	-1614.22	-76.94	-382.87	-433.24
9397	-1.70	-3.95	3.00	-212.14	-91.10	-1712.98	-39.43	-272.90	-272.42
9398	-1.67	-5.05	3.00	-215.18	-99.58	-1668.05	-49.64	-273.18	-328.41
9399	-1.64	-6.15	3.00	-218.85	-111.01	-1619.21	-59.76	-273.65	-381.37
9400	-1.60	-7.25	3.00	-223.28	-125.53	-1566.99	-69.56	-274.15	-430.11
9401	-0.57	-3.95	3.00	-234.84	-87.16	-1648.58	-35.17	-151.96	-268.04
9402	-0.56	-5.05	3.00	-236.11	-95.31	-1605.37	-44.74	-156.24	-322.83
9403	-0.55	-6.15	3.00	-237.68	-106.47	-1558.41	-54.21	-161.44	-374.94
9404	-0.53	-7.25	3.00	-239.75	-120.86	-1508.04	-63.43	-167.43	-423.18
9405	0.51	-8.10	4.00	-263.13	-110.93	-1535.72	-60.31	-52.16	-465.50



Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
9406	0.50	-8.70	4.00	-260.99	-120.07	-1503.55	-64.22	-60.77	-488.28
9407	1.54	-8.10	4.00	-299.85	-108.63	-1454.40	-58.08	48.06	-449.37
9408	1.51	-8.70	4.00	-294.94	-117.68	-1425.40	-61.73	36.13	-471.63
9409	2.56	-8.10	4.00	-344.71	-107.16	-1365.72	-58.07	140.89	-430.01
9410	2.51	-8.70	4.00	-336.43	-116.02	-1340.43	-61.53	126.11	-451.54
9411	3.59	-8.10	4.00	-397.11	-106.54	-1272.41	-60.46	225.44	-407.60
9412	3.52	-8.70	4.00	-384.81	-115.17	-1251.24	-63.87	208.28	-428.18
9413	4.61	-8.10	4.00	-456.65	-106.75	-1177.51	-65.48	301.17	-382.18
9414	4.53	-8.70	4.00	-439.60	-115.10	-1160.67	-69.07	282.09	-401.65
9415	5.64	-8.10	4.00	-523.24	-107.77	-1084.24	-73.48	367.87	-353.75
9416	5.53	-8.70	4.00	-500.49	-115.78	-1071.79	-77.50	347.28	-372.01
9417	6.66	-8.10	4.00	-597.25	-109.60	-996.05	-84.86	425.58	-322.27
9418	6.54	-8.70	4.00	-567.54	-117.22	-987.89	-89.71	403.90	-339.24
9419	7.69	-8.10	4.00	-679.71	-112.28	-916.59	-100.15	474.65	-287.69
9420	7.54	-8.70	4.00	-641.34	-119.48	-912.42	-106.33	452.24	-303.31
9421	8.71	-8.10	4.00	-772.98	-115.86	-849.75	-119.91	515.68	-249.94
9422	8.55	-8.70	4.00	-723.37	-122.70	-849.08	-128.25	492.83	-264.14
9423	9.74	-8.10	4.00	-881.71	-120.60	-799.70	-144.51	549.59	-208.78
9424	9.56	-8.70	4.00	-816.78	-126.71	-801.73	-156.70	526.42	-221.44
9425	10.77	-8.10	4.00	-1014.69	-127.33	-771.03	-174.20	577.66	-164.03
9426	10.56	-8.70	4.00	-928.19	-132.97	-774.85	-192.80	554.23	-174.63
9427	11.79	-8.10	4.00	-1189.49	-136.71	-769.39	-208.66	601.17	-115.34
9428	11.57	-8.70	4.00	-1070.28	-141.58	-773.51	-239.53	577.88	-123.71
9429	12.82	-8.10	4.00	-1441.83	-153.43	-804.19	-242.16	621.49	-61.39
9430	12.57	-8.70	4.00	-1268.89	-153.00	-806.14	-300.49	598.62	-66.93
9431	13.84	-8.10	4.00	-1836.27	-210.66	-901.91	-255.88	638.73	1.85
9432	13.58	-8.70	4.00	-1586.19	-177.17	-891.03	-373.42	619.60	-0.68
9433	14.87	-8.10	4.00	-2481.94	-421.56	-1188.13	-249.65	665.99	110.54
9434	14.59	-8.70	4.00	-2131.80	-324.67	-1134.69	-464.47	650.05	94.44
9435	15.89	-8.10	4.00	-3661.07	-763.02	-1723.39	-263.68	914.06	154.05
9436	15.59	-8.70	4.00	-3285.05	-750.13	-1664.46	-735.97	901.60	336.34
9437	0.52	-8.10	3.00	-266.35	-130.25	-1400.52	-65.42	-74.28	-446.40
9438	0.51	-8.70	3.00	-266.09	-140.43	-1373.33	-69.75	-81.39	-467.87
9439	1.56	-8.10	3.00	-300.38	-127.40	-1325.47	-62.50	18.47	-432.25
9440	1.54	-8.70	3.00	-297.47	-137.49	-1300.95	-66.66	8.46	-453.25
9441	2.61	-8.10	3.00	-343.38	-125.49	-1244.49	-61.78	104.47	-415.01
9442	2.56	-8.70	3.00	-337.17	-135.38	-1223.22	-65.81	92.02	-435.42
9443	3.65	-8.10	3.00	-394.89	-124.52	-1160.08	-63.51	182.75	-394.90
9444	3.58	-8.70	3.00	-384.68	-134.16	-1142.44	-67.54	168.36	-414.57
9445	4.69	-8.10	3.00	-454.63	-124.50	-1075.03	-67.98	252.68	-372.04
9446	4.61	-8.70	3.00	-439.63	-133.83	-1061.27	-72.21	236.87	-390.85
9447	5.73	-8.10	3.00	-522.62	-125.43	-992.44	-75.53	313.86	-346.51
9448	5.63	-8.70	3.00	-501.85	-134.39	-982.63	-80.23	297.18	-364.40
9449	6.78	-8.10	3.00	-599.36	-127.31	-915.70	-86.59	366.07	-318.37
9450	6.65	-8.70	3.00	-571.53	-135.84	-909.73	-92.15	349.11	-335.30
9451	7.82	-8.10	3.00	-686.08	-130.18	-848.52	-101.64	409.18	-287.67
9452	7.68	-8.70	3.00	-649.42	-138.23	-846.07	-108.65	392.60	-303.61
9453	8.86	-8.10	3.00	-785.27	-134.02	-795.01	-121.21	442.98	-254.37
9454	8.70	-8.70	3.00	-737.18	-141.64	-795.54	-130.64	427.57	-269.36
9455	9.91	-8.10	3.00	-901.67	-139.05	-759.93	-145.59	466.84	-218.29
9456	9.72	-8.70	3.00	-838.06	-145.82	-762.52	-159.39	453.60	-232.37
9457	10.95	-8.10	3.00	-1043.64	-146.03	-749.22	-174.77	479.16	-179.08
9458	10.75	-8.70	3.00	-958.60	-152.05	-752.54	-196.08	469.76	-192.13
9459	11.99	-8.10	3.00	-1226.48	-155.79	-771.54	-207.70	475.46	-135.84
9460	11.77	-8.70	3.00	-1110.54	-160.20	-772.91	-243.45	473.46	-148.69
9461	13.03	-8.10	3.00	-1476.50	-174.75	-843.53	-236.53	445.69	-84.92
9462	12.80	-8.70	3.00	-1315.52	-170.88	-836.27	-303.88	457.40	-99.54
9463	14.08	-8.10	3.00	-1825.25	-245.16	-1008.65	-241.26	378.28	-12.67
9464	13.82	-8.70	3.00	-1619.83	-198.38	-975.59	-371.76	410.94	-35.36
9465	15.12	-8.10	3.00	-2299.50	-471.21	-1327.18	-235.50	321.27	77.40
9466	14.84	-8.70	3.00	-2088.23	-370.01	-1258.24	-453.94	364.08	73.88
9467	16.16	-8.10	3.00	-2966.36	-644.22	-1549.15	-266.26	393.03	-15.37
9468	15.87	-8.70	3.00	-3015.79	-736.84	-1591.45	-663.56	468.40	176.51
9469	-15.89	-8.10	4.00	-245.37	-106.69	-2414.28	30.57	-743.87	-51.75
9470	-15.59	-8.70	4.00	-248.32	-99.53	-2391.45	29.64	-741.01	-58.64
9471	-14.87	-8.10	4.00	-297.60	-118.29	-2270.23	4.14	-847.20	-112.92
9472	-14.59	-8.70	4.00	-295.52	-112.30	-2255.71	2.47	-836.97	-122.96
9473	-13.84	-8.10	4.00	-341.72	-129.51	-2135.22	-25.66	-922.96	-172.42
9474	-13.58	-8.70	4.00	-335.71	-124.72	-2126.89	-27.66	-906.79	-184.63
9475	-12.82	-8.10	4.00	-369.95	-138.34	-2018.76	-53.87	-970.68	-227.57
9476	-12.57	-8.70	4.00	-361.54	-135.17	-2014.17	-56.17	-950.65	-241.65
9477	-11.79	-8.10	4.00	-381.39	-144.50	-1927.81	-77.88	-992.28	-277.55
9478	-11.57	-8.70	4.00	-371.85	-142.95	-1924.41	-80.31	-969.43	-292.93
9479	-10.77	-8.10	4.00	-376.33	-147.80	-1863.64	-95.79	-989.98	-322.48
9480	-10.56	-8.70	4.00	-367.00	-148.08	-1858.89	-98.48	-965.23	-339.23
9481	-9.74	-8.10	4.00	-358.24	-148.77	-1823.41	-107.38	-966.70	-362.77
9482	-9.56	-8.70	4.00	-350.39	-150.90	-1815.12	-110.46	-941.41	-380.80
9483	-8.71	-8.10	4.00	-331.58	-147.82	-1801.58	-113.09	-924.40	-398.16
9484	-8.55	-8.70	4.00	-325.79	-151.61	-1788.39	-116.56	-899.57	-417.09
9485	-7.69	-8.10	4.00	-300.77	-145.33	-1791.58	-113.72	-864.56	-428.26
9486	-7.54	-8.70	4.00	-297.34	-150.55	-1772.92	-117.58	-841.22	-447.96
9487	-6.66	-8.10	4.00	-270.05	-141.69	-1786.76	-110.29	-788.97	-452.71
9488	-6.54	-8.70	4.00	-268.92	-148.11	-1762.68	-114.52	-768.16	-473.11
9489	-5.64	-8.10	4.00	-242.98	-137.26	-1781.02	-103.93	-699.91	-471.18
9490	-5.53	-8.70	4.00	-243.82	-144.64	-1752.13	-108.47	-682.53	-492.26
9491	-4.61	-8.10	4.00	-222.53	-132.37	-1769.27	-95.80	-600.14	-483.58
9492	-4.53	-8.70	4.00	-224.71	-140.46	-1736.61	-100.52	-586.88	-505.29
9493	-3.59	-8.10	4.00	-210.68	-127.34	-1747.70	-86.97	-492.86	-490.05
9494	-3.52	-8.70	4.00	-213.50	-135.95	-1712.57	-91.75	-484.15	-512.31
9495	-2.56	-8.10	4.00	-208.67	-122.46	-1713.97	-78.38	-381.39	-490.93
9496	-2.51	-8.70	4.00	-211.32	-131.40	-1677.74	-83.07	-377.36	-513.64
9497	-1.54	-8.10	4.00	-216.91	-117.97	-1667.07	-70.76	-268.95	-486.77
9498	-1.51	-8.70	4.00	-218.64	-127.10	-1631.08	-75.25	-269.48	-509.73
9499	-0.51	-8.10	4.00	-235.26	-114.07	-1607.25	-64.63	-158.42	-478.11
9500	-0.50	-8.70	4.00	-235.35	-123.24	-1572.68	-68.84	-163.18	-501.13
9501	-16.16	-8.10	3.00	-259.20	-155.15	-2588.46	48.98	-785.21	-78.44
9502	-15.87	-8.70	3.00	-262.61	-146.03	-2563.74	49.69	-779.98	-85.54
9503	-15.12	-8.10	3.00	-332.32	-168.97	-2405.27	16.47	-892.39	-144.98
9504	-14.84	-8.70	3.00	-330.48	-161.38	-2389.28	15.67	-880.21	-155.99

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
9505	-14.08	-8.10	3.00	-384.54	-178.57	-2223.74	-17.52	-960.21	-203.63
9506	-13.82	-8.70	3.00	-377.70	-172.24	-2215.98	-18.51	-943.15	-217.04
9507	-13.03	-8.10	3.00	-421.28	-186.73	-2063.32	-51.40	-994.13	-253.46
9508	-12.80	-8.70	3.00	-412.27	-182.82	-2061.01	-53.18	-975.01	-269.29
9509	-11.99	-8.10	3.00	-433.42	-190.01	-1933.30	-78.72	-997.51	-294.36
9510	-11.77	-8.70	3.00	-423.81	-188.28	-1932.95	-80.99	-977.03	-311.65
9511	-10.95	-8.10	3.00	-424.96	-189.51	-1837.54	-98.12	-979.32	-329.71
9512	-10.75	-8.70	3.00	-416.07	-190.03	-1836.30	-100.95	-957.88	-348.28
9513	-9.91	-8.10	3.00	-402.04	-186.56	-1771.14	-110.35	-944.54	-361.26
9514	-9.72	-8.70	3.00	-395.00	-189.24	-1766.83	-113.77	-922.97	-380.84
9515	-8.86	-8.10	3.00	-370.45	-181.94	-1727.09	-116.46	-895.39	-389.27
9516	-8.70	-8.70	3.00	-365.66	-186.43	-1718.44	-120.34	-874.33	-409.39
9517	-7.82	-8.10	3.00	-335.15	-176.22	-1698.11	-117.52	-833.03	-413.52
9518	-7.68	-8.70	3.00	-332.77	-182.25	-1684.58	-121.80	-813.19	-434.02
9519	-6.78	-8.10	3.00	-300.31	-169.86	-1677.33	-114.64	-758.62	-433.64
9520	-6.65	-8.70	3.00	-300.22	-177.14	-1658.93	-119.24	-740.81	-454.47
9521	-5.73	-8.10	3.00	-269.38	-163.21	-1658.70	-108.90	-673.72	-449.26
9522	-5.63	-8.70	3.00	-271.23	-171.47	-1635.92	-113.73	-658.69	-470.37
9523	-4.69	-8.10	3.00	-245.04	-156.54	-1637.26	-101.35	-580.34	-460.11
9524	-4.61	-8.70	3.00	-248.28	-165.55	-1610.96	-106.32	-568.71	-481.48
9525	-3.65	-8.10	3.00	-229.23	-150.10	-1609.28	-92.94	-480.91	-466.13
9526	-3.58	-8.70	3.00	-233.19	-159.65	-1580.54	-97.94	-473.06	-487.72
9527	-2.61	-8.10	3.00	-223.14	-144.09	-1572.30	-84.53	-378.06	-467.45
9528	-2.56	-8.70	3.00	-227.10	-154.01	-1542.30	-89.46	-374.18	-489.20
9529	-1.56	-8.10	3.00	-227.33	-138.69	-1525.10	-76.80	-274.43	-464.37
9530	-1.54	-8.70	3.00	-230.56	-148.81	-1495.01	-81.58	-274.46	-486.17
9531	-0.52	-8.10	3.00	-241.85	-134.03	-1467.57	-70.30	-172.47	-457.23
9532	-0.51	-8.70	3.00	-243.64	-144.22	-1438.47	-74.87	-176.19	-478.96
9533	10.53	-9.43	4.00	-841.85	-145.24	-778.25	-214.84	528.56	-174.86
9534	11.47	-9.39	4.00	-948.86	-156.14	-782.15	-266.71	550.96	-123.64
9535	12.41	-9.35	4.00	-1089.76	-170.71	-814.81	-336.44	570.74	-67.66
9536	10.69	-10.30	4.00	-742.40	-164.12	-784.23	-238.28	498.82	-161.63
9537	11.51	-10.18	4.00	-815.32	-177.30	-795.86	-287.95	519.16	-113.23
9538	12.33	-10.04	4.00	-905.20	-199.27	-828.94	-354.07	538.51	-61.64
9539	10.84	-11.17	4.00	-630.17	-180.59	-795.19	-243.67	464.77	-142.73
9540	11.54	-10.95	4.00	-675.58	-193.59	-809.82	-285.90	483.86	-100.69
9541	12.23	-10.73	4.00	-733.78	-220.08	-840.69	-335.36	502.64	-55.48
9542	0.51	-9.77	4.00	-258.77	-137.59	-1443.66	-70.52	-75.25	-521.95
9543	1.52	-9.77	4.00	-289.16	-134.76	-1368.01	-67.38	18.87	-503.65
9544	2.53	-9.75	4.00	-326.60	-132.51	-1286.77	-66.83	106.54	-481.00
9545	3.54	-9.73	4.00	-370.34	-130.88	-1202.40	-69.21	186.82	-454.39
9546	4.55	-9.71	4.00	-419.76	-129.91	-1117.66	-74.90	259.10	-424.12
9547	5.56	-9.67	4.00	-474.41	-129.66	-1035.54	-84.36	323.14	-390.43
9548	6.57	-9.64	4.00	-534.10	-130.23	-959.16	-98.15	378.97	-353.51
9549	7.57	-9.59	4.00	-599.14	-131.76	-891.77	-116.98	426.90	-313.47
9550	8.57	-9.54	4.00	-670.61	-134.54	-836.75	-141.79	467.45	-270.34
9551	9.57	-9.48	4.00	-750.93	-138.99	-797.64	-173.92	501.33	-224.14
9552	0.52	-11.32	4.00	-256.98	-161.32	-1359.82	-77.70	-95.44	-551.83
9553	1.57	-11.30	4.00	-282.69	-157.98	-1285.90	-73.92	-4.02	-531.38
9554	2.62	-11.26	4.00	-314.82	-154.71	-1208.53	-73.04	81.50	-505.34
9555	3.66	-11.20	4.00	-352.57	-151.73	-1130.03	-75.58	160.06	-474.33
9556	4.70	-11.12	4.00	-395.12	-149.25	-1053.06	-82.02	231.01	-438.95
9557	5.73	-11.02	4.00	-441.85	-147.51	-980.42	-92.86	294.08	-399.73
9558	6.76	-10.91	4.00	-492.37	-146.81	-915.02	-108.68	349.32	-357.13
9559	7.77	-10.77	4.00	-546.80	-147.57	-859.78	-130.20	397.05	-311.51
9560	8.78	-10.62	4.00	-606.03	-150.35	-817.63	-158.43	437.85	-263.12
9561	9.78	-10.45	4.00	-672.50	-156.08	-791.61	-194.94	472.51	-212.08
9562	0.54	-12.87	4.00	-257.05	-175.68	-1292.50	-81.69	-116.35	-555.78
9563	1.63	-12.83	4.00	-277.68	-172.23	-1219.50	-77.86	-29.20	-534.33
9564	2.70	-12.77	4.00	-303.76	-168.28	-1145.50	-76.96	52.86	-506.45
9565	3.78	-12.67	4.00	-334.45	-164.24	-1072.56	-79.62	128.74	-472.90
9566	4.85	-12.54	4.00	-368.84	-160.56	-1003.05	-86.38	197.73	-434.47
9567	5.90	-12.37	4.00	-406.16	-157.73	-939.44	-97.73	259.49	-391.90
9568	6.95	-12.18	4.00	-445.84	-156.33	-884.26	-114.18	314.00	-345.84
9569	7.98	-11.96	4.00	-487.73	-157.08	-839.99	-136.35	361.52	-296.83
9570	8.99	-11.70	4.00	-532.32	-160.98	-809.11	-165.18	402.59	-245.24
9571	9.99	-11.42	4.00	-581.19	-169.50	-794.14	-202.35	438.22	-191.46
9572	0.56	-14.41	4.00	-258.50	-171.66	-1253.27	-81.23	-137.07	-529.99
9573	1.68	-14.37	4.00	-274.22	-168.86	-1179.44	-78.38	-55.78	-508.89
9574	2.79	-14.27	4.00	-294.14	-165.15	-1106.96	-78.16	21.44	-480.99
9575	3.90	-14.14	4.00	-317.47	-161.11	-1037.63	-81.24	93.51	-447.08
9576	4.99	-13.95	4.00	-343.33	-157.36	-973.46	-88.13	159.69	-408.04
9577	6.07	-13.72	4.00	-370.87	-154.59	-916.53	-99.23	219.58	-364.71
9578	7.14	-13.45	4.00	-399.47	-153.57	-868.95	-114.92	273.03	-317.87
9579	8.18	-13.14	4.00	-428.77	-155.24	-832.82	-135.58	320.20	-268.19
9580	9.21	-12.78	4.00	-458.85	-160.81	-810.20	-161.83	361.51	-216.19
9581	10.20	-12.39	4.00	-490.38	-172.41	-803.50	-194.68	397.86	-161.98
9582	0.58	-15.96	4.00	-259.88	-145.19	-1244.33	-74.97	-156.40	-470.53
9583	1.73	-15.90	4.00	-271.39	-143.82	-1167.76	-74.23	-82.74	-451.38
9584	2.88	-15.78	4.00	-285.74	-141.57	-1094.36	-75.64	-11.94	-425.58
9585	4.01	-15.60	4.00	-302.23	-139.01	-1025.79	-79.74	54.99	-393.90
9586	5.14	-15.37	4.00	-320.11	-136.78	-963.79	-86.95	117.32	-357.13
9587	6.24	-15.07	4.00	-338.63	-135.64	-910.15	-97.55	174.59	-316.14
9588	7.33	-14.72	4.00	-357.19	-136.36	-866.66	-111.72	226.56	-271.73
9589	8.39	-14.32	4.00	-375.42	-139.87	-835.10	-129.64	273.28	-224.68
9590	9.42	-13.86	4.00	-393.33	-147.33	-817.35	-151.53	314.98	-175.57
9591	10.42	-13.36	4.00	-411.16	-160.11	-815.51	-177.75	352.35	-124.76
9592	0.59	-17.51	4.00	-259.15	-104.21	-1247.76	-62.14	-172.68	-376.07
9593	1.78	-17.43	4.00	-267.50	-104.41	-1167.44	-64.02	-108.41	-360.59
9594	2.96	-17.29	4.00	-277.40	-104.13	-1091.65	-67.59	-45.75	-339.33
9595	4.13	-17.07	4.00	-288.29	-103.81	-1021.98	-73.23	14.53	-312.74
9596	5.28	-16.78	4.00	-299.57	-104.03	-960.06	-81.14	71.79	-281.49
9597	6.41	-16.42	4.00	-310.68	-105.40	-907.50	-91.46	125.56	-246.26
9598	7.52	-15.99	4.00	-321.13	-108.62	-865.92	-104.19	175.56	-207.81
9599	8.59	-15.50	4.00	-330.63	-114.44	-836.94	-119.35	221.71	-166.84
9600	9.63	-14.94	4.00	-339.17	-123.72	-822.29	-136.97	264.14	-124.03
9601	10.63	-14.32	4.00	-347.48	-137.56	-824.20	-157.19	303.04	-79.72
9602	15.16	-9.48	4.00	-1891.32	-809.90	-1512.71	-1050.45	757.43	290.23
9603	14.58	-10.43	4.00	-536.82	-450.51	-1200.79	-435.24	562.33	163.68

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
9604	13.95	-11.34	4.00	-442.60	-305.15	-1047.16	-295.85	466.91	102.50
9605	14.25	-9.42	4.00	-1527.03	-270.37	-1063.50	-609.35	610.13	81.88
9606	13.84	-10.25	4.00	-912.97	-345.00	-1013.54	-524.59	551.27	64.35
9607	13.39	-11.04	4.00	-574.74	-293.87	-953.33	-366.03	493.26	44.82
9608	13.33	-9.36	4.00	-1280.06	-203.83	-893.31	-441.90	588.39	-1.32
9609	13.10	-10.06	4.00	-967.70	-241.86	-895.80	-435.85	548.37	-3.11
9610	12.85	-10.75	4.00	-716.19	-256.42	-888.25	-379.34	506.85	-9.91
9611	11.56	-13.65	4.00	-356.14	-158.46	-843.45	-179.90	339.36	-36.73
9612	11.30	-12.83	4.00	-429.59	-179.66	-828.53	-206.89	384.85	-78.48
9613	11.04	-12.01	4.00	-520.36	-188.73	-810.93	-229.04	426.12	-114.83
9614	12.42	-12.94	4.00	-367.49	-187.02	-882.60	-206.50	375.70	6.97
9615	12.07	-12.30	4.00	-452.43	-204.81	-856.17	-241.03	414.94	-35.46
9616	11.72	-11.66	4.00	-553.95	-208.42	-830.38	-265.28	449.00	-74.46
9617	13.23	-12.18	4.00	-381.09	-228.59	-947.20	-242.19	415.57	52.40
9618	12.80	-11.73	4.00	-484.85	-241.74	-902.45	-286.94	446.88	9.01
9619	12.39	-11.28	4.00	-595.32	-230.50	-862.05	-314.83	473.44	-33.36
9620	10.73	-9.45	3.00	-872.39	-165.77	-760.74	-221.96	459.03	-196.10
9621	11.68	-9.40	3.00	-988.00	-176.09	-783.88	-276.66	468.03	-152.86
9622	12.63	-9.36	3.00	-1136.59	-189.33	-841.83	-350.01	463.65	-106.21
9623	10.89	-10.34	3.00	-770.44	-187.18	-777.18	-249.47	446.70	-187.60
9624	11.72	-10.21	3.00	-848.31	-200.25	-804.86	-303.03	458.86	-145.91
9625	12.55	-10.07	3.00	-942.28	-221.81	-857.27	-374.32	463.93	-102.21
9626	11.04	-11.22	3.00	-653.28	-205.45	-800.36	-257.12	431.06	-170.85
9627	11.76	-11.00	3.00	-700.30	-218.75	-827.02	-302.82	445.58	-133.05
9628	12.46	-10.77	3.00	-759.97	-245.82	-870.95	-356.45	456.57	-92.49
9629	0.52	-9.79	3.00	-267.49	-159.90	-1323.84	-76.91	-93.62	-500.75
9630	1.55	-9.79	3.00	-295.35	-156.52	-1253.29	-73.28	-5.97	-484.59
9631	2.58	-9.77	3.00	-330.96	-153.79	-1178.65	-72.17	75.85	-464.48
9632	3.61	-9.75	3.00	-373.75	-151.77	-1102.11	-74.00	150.92	-440.79
9633	4.64	-9.73	3.00	-423.20	-150.52	-1026.23	-79.20	218.62	-413.84
9634	5.66	-9.69	3.00	-478.97	-150.10	-953.83	-88.30	278.63	-383.89
9635	6.69	-9.65	3.00	-541.03	-150.61	-887.97	-101.90	330.80	-351.21
9636	7.71	-9.61	3.00	-609.78	-152.20	-831.94	-120.81	375.13	-315.98
9637	8.73	-9.55	3.00	-686.45	-155.09	-789.34	-146.08	411.62	-278.35
9638	9.74	-9.50	3.00	-773.52	-159.61	-764.17	-179.22	440.03	-238.46
9639	0.53	-11.38	3.00	-271.32	-186.58	-1257.58	-85.27	-111.12	-533.36
9640	1.60	-11.36	3.00	-294.42	-182.65	-1187.81	-81.13	-25.24	-515.00
9641	2.67	-11.32	3.00	-324.60	-178.87	-1116.13	-79.78	55.35	-491.68
9642	3.73	-11.26	3.00	-361.16	-175.47	-1044.62	-81.81	129.68	-463.93
9643	4.79	-11.18	3.00	-403.43	-172.66	-975.73	-87.79	197.15	-432.30
9644	5.84	-11.08	3.00	-450.86	-170.69	-912.12	-98.30	257.42	-397.30
9645	6.88	-10.96	3.00	-503.16	-169.87	-856.64	-114.03	310.39	-359.38
9646	7.92	-10.82	3.00	-560.46	-170.59	-812.29	-135.86	356.10	-318.93
9647	8.95	-10.66	3.00	-623.66	-173.39	-782.20	-165.01	394.61	-276.27
9648	9.96	-10.49	3.00	-695.16	-179.14	-769.85	-203.30	425.75	-231.63
9649	0.55	-12.97	3.00	-277.79	-203.77	-1212.60	-90.34	-130.33	-546.15
9650	1.66	-12.94	3.00	-295.74	-199.64	-1142.53	-86.25	-47.26	-526.30
9651	2.76	-12.87	3.00	-319.70	-195.08	-1073.02	-84.97	31.26	-500.77
9652	3.85	-12.77	3.00	-348.92	-190.50	-1005.95	-87.17	104.28	-470.20
9653	4.94	-12.63	3.00	-382.60	-186.35	-943.48	-93.50	171.18	-435.27
9654	6.02	-12.46	3.00	-420.01	-183.11	-887.99	-104.56	231.60	-396.61
9655	7.08	-12.26	3.00	-460.55	-181.38	-841.97	-120.99	285.40	-354.81
9656	8.13	-12.03	3.00	-504.00	-181.87	-807.97	-143.60	332.56	-310.34
9657	9.16	-11.77	3.00	-550.69	-185.62	-788.61	-173.55	373.16	-263.55
9658	10.18	-11.48	3.00	-601.97	-194.12	-786.61	-212.85	407.40	-214.92
9659	0.57	-14.56	3.00	-285.96	-199.14	-1202.16	-90.67	-150.93	-534.39
9660	1.71	-14.51	3.00	-298.96	-195.69	-1129.66	-87.89	-71.89	-513.99
9661	2.85	-14.42	3.00	-316.58	-191.36	-1060.08	-87.58	3.50	-487.45
9662	3.97	-14.27	3.00	-338.08	-186.71	-995.04	-90.45	74.35	-455.45
9663	5.09	-14.08	3.00	-362.65	-182.36	-936.43	-97.12	139.98	-418.73
9664	6.19	-13.85	3.00	-389.44	-179.02	-886.25	-108.12	199.97	-377.97
9665	7.28	-13.57	3.00	-417.73	-177.48	-846.56	-123.92	254.09	-333.84
9666	8.34	-13.25	3.00	-447.02	-178.73	-819.44	-145.07	302.24	-286.89
9667	9.38	-12.88	3.00	-477.20	-184.06	-806.99	-172.31	344.45	-237.54
9668	10.40	-12.48	3.00	-508.65	-195.71	-811.54	-206.80	381.02	-185.86
9669	0.59	-16.15	3.00	-293.52	-166.53	-1228.99	-84.27	-171.92	-487.95
9670	1.77	-16.09	3.00	-302.40	-164.91	-1151.58	-84.37	-98.80	-468.63
9671	2.94	-15.96	3.00	-314.30	-162.46	-1078.83	-86.34	-28.19	-443.06
9672	4.09	-15.78	3.00	-328.60	-159.75	-1012.28	-90.81	39.02	-411.91
9673	5.24	-15.54	3.00	-344.59	-157.40	-953.60	-98.26	102.14	-375.87
9674	6.37	-15.23	3.00	-361.52	-156.17	-904.51	-109.03	160.72	-335.67
9675	7.47	-14.88	3.00	-378.72	-156.88	-866.74	-123.40	214.43	-292.02
9676	8.55	-14.46	3.00	-395.72	-160.50	-842.04	-141.60	263.13	-245.60
9677	9.60	-13.99	3.00	-412.39	-168.25	-832.22	-163.89	306.81	-196.91
9678	10.62	-13.47	3.00	-428.91	-181.60	-839.26	-190.65	345.85	-146.29
9679	0.61	-17.74	3.00	-296.78	-113.15	-1270.01	-69.50	-190.83	-391.55
9680	1.82	-17.66	3.00	-302.91	-113.87	-1186.80	-73.39	-126.48	-375.92
9681	3.02	-17.51	3.00	-310.48	-114.29	-1109.34	-78.62	-63.33	-354.71
9682	4.22	-17.29	3.00	-319.01	-114.80	-1039.24	-85.59	-2.09	-328.30
9683	5.39	-16.99	3.00	-327.97	-115.93	-978.08	-94.55	56.65	-297.24
9684	6.54	-16.62	3.00	-336.80	-118.25	-927.47	-105.64	112.40	-262.14
9685	7.67	-16.18	3.00	-345.01	-122.43	-888.99	-118.94	164.85	-223.67
9686	8.76	-15.67	3.00	-352.23	-129.18	-864.23	-134.47	213.83	-182.48
9687	9.82	-15.10	3.00	-358.39	-139.39	-854.85	-152.31	259.35	-139.19
9688	10.84	-14.46	3.00	-364.05	-154.08	-862.92	-172.65	301.40	-94.01
9689	15.44	-9.50	3.00	-1893.66	-888.76	-1506.33	-1124.09	534.01	212.32
9690	14.85	-10.47	3.00	-551.25	-481.85	-1232.04	-471.21	555.89	165.47
9691	14.21	-11.40	3.00	-450.25	-327.64	-1103.73	-313.42	474.49	96.50
9692	14.50	-9.43	3.00	-1550.03	-298.70	-1160.46	-630.99	428.39	38.72
9693	14.09	-10.28	3.00	-945.71	-376.34	-1080.22	-556.75	476.71	20.04
9694	13.64	-11.10	3.00	-590.34	-323.66	-1005.87	-386.93	472.28	16.29
9695	13.57	-9.37	3.00	-1325.60	-222.57	-955.35	-459.32	443.62	-49.13
9696	13.34	-10.09	3.00	-1004.65	-264.91	-944.42	-462.57	462.96	-49.86
9697	13.08	-10.80	3.00	-739.08	-283.93	-931.14	-403.78	462.29	-47.29
9698	11.79	-13.78	3.00	-369.90	-175.81	-888.47	-195.40	340.68	-50.13
9699	11.52	-12.93	3.00	-446.11	-202.13	-860.70	-220.37	379.11	-100.46
9700	11.25	-12.09	3.00	-538.30	-212.49	-829.13	-243.18	408.24	-141.06
9701	12.66	-13.04	3.00	-378.18	-205.36	-933.58	-221.96	379.88	-5.01
9702	12.30	-12.38	3.00	-467.55	-228.80	-896.14	-255.40	408.63	-57.92

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
9703	11.95	-11.73	3.00	-571.58	-233.22	-857.54	-281.69	428.34	-102.84
9704	13.48	-12.26	3.00	-388.06	-247.75	-1002.71	-257.82	421.91	42.91
9705	13.05	-11.80	3.00	-498.64	-268.10	-950.23	-302.91	438.19	-14.14
9706	12.62	-11.34	3.00	-612.81	-256.76	-898.41	-334.53	447.67	-64.14
9707	-10.55	-9.42	4.00	-357.19	-145.87	-1869.27	-95.91	-937.48	-344.66
9708	-11.49	-9.38	4.00	-359.92	-138.84	-1936.08	-77.47	-940.94	-298.41
9709	-12.42	-9.34	4.00	-350.61	-130.34	-2021.18	-54.63	-925.13	-248.52
9710	-10.73	-10.27	4.00	-345.00	-138.46	-1901.63	-86.35	-902.40	-335.20
9711	-11.54	-10.15	4.00	-344.31	-130.27	-1966.51	-68.70	-903.51	-291.42
9712	-12.35	-10.02	4.00	-336.22	-121.59	-2041.21	-48.62	-891.73	-245.30
9713	-10.89	-11.13	4.00	-329.25	-125.48	-1944.00	-72.47	-861.00	-315.95
9714	-11.58	-10.92	4.00	-327.61	-118.76	-2000.83	-57.75	-862.36	-278.52
9715	-12.26	-10.70	4.00	-321.48	-111.26	-2062.14	-41.43	-855.23	-238.74
9716	-0.51	-9.77	4.00	-236.03	-140.89	-1512.18	-75.86	-174.90	-535.76
9717	-1.54	-9.76	4.00	-221.73	-144.38	-1571.76	-83.05	-278.37	-543.84
9718	-2.56	-9.74	4.00	-216.34	-147.90	-1620.89	-91.42	-382.60	-546.14
9719	-3.57	-9.72	4.00	-219.71	-151.21	-1659.81	-100.25	-484.99	-542.25
9720	-4.58	-9.69	4.00	-231.20	-154.03	-1689.79	-108.66	-582.80	-531.94
9721	-5.59	-9.65	4.00	-249.53	-156.05	-1713.18	-115.67	-673.26	-515.15
9722	-6.60	-9.62	4.00	-272.74	-156.98	-1733.32	-120.22	-753.86	-491.99
9723	-7.60	-9.57	4.00	-298.35	-156.56	-1754.40	-121.29	-822.37	-462.82
9724	-8.59	-9.52	4.00	-323.26	-154.56	-1781.15	-117.97	-876.93	-428.06
9725	-9.59	-9.47	4.00	-344.15	-150.86	-1818.46	-109.52	-915.97	-388.28
9726	-0.54	-11.31	4.00	-238.20	-164.44	-1429.68	-83.86	-192.68	-566.36
9727	-1.61	-11.28	4.00	-227.25	-167.02	-1493.42	-91.74	-293.67	-573.76
9728	-2.68	-11.23	4.00	-224.63	-168.90	-1548.73	-100.41	-394.22	-573.72
9729	-3.73	-11.16	4.00	-229.92	-169.80	-1596.13	-108.88	-491.77	-566.11
9730	-4.78	-11.07	4.00	-242.10	-169.48	-1637.06	-116.10	-583.75	-551.04
9731	-5.81	-10.97	4.00	-259.67	-167.75	-1673.81	-121.03	-667.72	-528.81
9732	-6.83	-10.86	4.00	-280.54	-164.50	-1709.34	-122.72	-741.54	-499.93
9733	-7.84	-10.72	4.00	-302.28	-159.72	-1747.06	-120.35	-803.43	-465.04
9734	-8.84	-10.58	4.00	-322.19	-153.48	-1790.48	-113.36	-851.94	-424.87
9735	-9.83	-10.41	4.00	-337.55	-146.02	-1842.84	-101.53	-885.86	-380.16
9736	-0.56	-12.86	4.00	-242.35	-178.23	-1364.43	-87.85	-208.93	-570.42
9737	-1.68	-12.81	4.00	-234.47	-179.51	-1433.22	-95.46	-304.71	-577.19
9738	-2.79	-12.73	4.00	-233.74	-179.26	-1496.30	-103.35	-399.23	-575.41
9739	-3.88	-12.62	4.00	-239.59	-177.28	-1554.09	-110.41	-490.11	-565.18
9740	-4.95	-12.48	4.00	-250.91	-173.50	-1607.74	-115.57	-575.01	-546.87
9741	-6.01	-12.31	4.00	-266.14	-167.97	-1658.99	-117.86	-651.81	-521.05
9742	-7.05	-12.12	4.00	-283.32	-160.87	-1709.99	-116.53	-718.68	-488.48
9743	-8.07	-11.89	4.00	-300.32	-152.48	-1763.03	-111.05	-774.14	-450.02
9744	-9.07	-11.65	4.00	-314.92	-143.19	-1820.30	-101.24	-817.06	-406.58
9745	-10.06	-11.37	4.00	-325.15	-133.51	-1883.51	-87.33	-846.72	-359.26
9746	-0.58	-14.40	4.00	-247.44	-173.17	-1328.46	-86.10	-222.74	-543.92
9747	-1.74	-14.34	4.00	-241.82	-172.97	-1403.09	-92.06	-310.71	-549.86
9748	-2.87	-14.23	4.00	-241.78	-170.70	-1474.67	-97.89	-396.94	-546.87
9749	-4.00	-14.09	4.00	-246.75	-166.35	-1543.21	-102.54	-479.31	-535.19
9750	-5.10	-13.89	4.00	-255.73	-160.05	-1609.22	-105.03	-555.82	-515.34
9751	-6.18	-13.66	4.00	-267.36	-152.12	-1673.60	-104.61	-624.64	-488.05
9752	-7.24	-13.39	4.00	-280.04	-142.99	-1737.50	-100.76	-684.23	-454.25
9753	-8.28	-13.08	4.00	-292.08	-133.20	-1802.12	-93.27	-733.39	-414.99
9754	-9.29	-12.73	4.00	-301.88	-123.33	-1868.54	-82.23	-771.30	-371.37
9755	-10.27	-12.34	4.00	-308.04	-113.79	-1937.62	-68.05	-797.47	-324.40
9756	-0.59	-15.95	4.00	-251.59	-145.29	-1323.84	-77.25	-232.89	-482.65
9757	-1.77	-15.88	4.00	-247.16	-143.75	-1404.45	-80.32	-310.50	-487.27
9758	-2.94	-15.75	4.00	-246.60	-140.25	-1483.96	-83.13	-386.16	-483.49
9759	-4.09	-15.57	4.00	-249.52	-134.90	-1561.82	-84.84	-458.17	-471.59
9760	-5.22	-15.32	4.00	-255.19	-128.01	-1637.83	-84.69	-524.92	-452.17
9761	-6.33	-15.03	4.00	-262.64	-120.00	-1712.05	-82.14	-584.95	-426.03
9762	-7.41	-14.68	4.00	-270.73	-111.43	-1784.76	-76.88	-637.06	-394.16
9763	-8.46	-14.28	4.00	-278.30	-102.89	-1856.31	-68.84	-680.36	-357.71
9764	-9.48	-13.82	4.00	-284.23	-94.95	-1927.12	-58.21	-714.28	-317.84
9765	-10.47	-13.32	4.00	-287.56	-88.09	-1997.56	-45.35	-738.56	-275.75
9766	-0.60	-17.50	4.00	-252.65	-103.15	-1331.65	-61.44	-237.78	-385.29
9767	-1.80	-17.43	4.00	-248.53	-100.89	-1417.45	-61.38	-302.63	-388.09
9768	-2.99	-17.28	4.00	-246.82	-97.30	-1503.53	-61.30	-365.74	-384.00
9769	-4.16	-17.06	4.00	-247.33	-92.53	-1588.82	-60.58	-425.85	-373.41
9770	-5.31	-16.77	4.00	-249.70	-86.86	-1672.55	-58.67	-481.81	-356.83
9771	-6.45	-16.41	4.00	-253.37	-80.72	-1754.13	-55.17	-532.62	-334.99
9772	-7.55	-15.98	4.00	-257.66	-74.61	-1833.19	-49.84	-577.47	-308.77
9773	-8.62	-15.48	4.00	-261.85	-69.08	-1909.50	-42.64	-615.76	-279.16
9774	-9.65	-14.93	4.00	-265.20	-64.66	-1982.97	-33.71	-647.12	-247.26
9775	-10.65	-14.31	4.00	-267.00	-61.79	-2053.70	-23.32	-671.26	-213.98
9776	-15.16	-9.48	4.00	-251.44	-91.41	-2362.38	27.03	-734.97	-69.92
9777	-14.59	-10.43	4.00	-254.76	-81.42	-2325.57	22.39	-726.32	-85.25
9778	-13.96	-11.33	4.00	-258.23	-72.56	-2285.60	16.79	-716.59	-102.25
9779	-14.25	-9.42	4.00	-291.86	-104.81	-2241.30	0.93	-821.21	-133.22
9780	-13.85	-10.23	4.00	-286.36	-95.44	-2226.28	-0.24	-799.42	-142.46
9781	-13.41	-11.03	4.00	-281.61	-86.44	-2208.60	-1.93	-776.83	-151.96
9782	-13.34	-9.35	4.00	-327.49	-118.59	-2124.93	-27.47	-884.88	-192.60
9783	-13.12	-10.05	4.00	-316.60	-110.10	-2129.21	-25.27	-856.47	-195.73
9784	-12.87	-10.73	4.00	-306.42	-101.38	-2131.43	-23.47	-828.06	-197.75
9785	-11.58	-13.64	4.00	-267.40	-60.88	-2119.20	-12.49	-688.81	-182.24
9786	-11.34	-12.80	4.00	-288.27	-83.40	-2060.70	-32.51	-753.79	-237.70
9787	-11.10	-11.97	4.00	-309.80	-106.38	-1999.01	-53.91	-810.78	-283.28
9788	-12.43	-12.93	4.00	-265.98	-62.41	-2179.25	-1.96	-701.73	-152.24
9789	-12.10	-12.27	4.00	-286.62	-81.65	-2116.34	-20.76	-762.70	-204.19
9790	-11.77	-11.62	4.00	-308.42	-101.85	-2051.56	-41.35	-815.69	-248.98
9791	-13.24	-12.17	4.00	-262.45	-65.86	-2236.45	8.22	-709.43	-123.99
9792	-12.83	-11.71	4.00	-282.46	-81.10	-2171.27	-9.01	-766.03	-171.47
9793	-12.42	-11.26	4.00	-304.33	-98.95	-2105.17	-28.53	-815.26	-215.39
9794	-10.74	-9.43	3.00	-407.21	-188.63	-1859.26	-97.80	-937.01	-358.83
9795	-11.69	-9.39	3.00	-411.50	-183.95	-1955.57	-76.99	-953.65	-321.25
9796	-12.64	-9.35	3.00	-400.01	-177.00	-2075.96	-50.13	-951.63	-278.71
9797	-10.93	-10.30	3.00	-395.50	-181.88	-1914.74	-86.22	-912.57	-358.39
9798	-11.76	-10.18	3.00	-394.18	-174.67	-2005.54	-65.48	-923.60	-320.65
9799	-12.58	-10.05	3.00	-382.69	-166.30	-2109.30	-41.26	-920.96	-278.82
9800	-11.10	-11.18	3.00	-378.02	-167.14	-1984.39	-68.33	-880.38	-347.35
9801	-11.80	-10.97	3.00	-374.21	-160.65	-2061.23	-50.54	-887.69	-312.62

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
9802	-12.49	-10.74	3.00	-364.16	-152.88	-2143.22	-30.71	-885.38	-274.09
9803	-0.52	-9.79	3.00	-247.85	-163.82	-1389.02	-82.62	-186.24	-512.87
9804	-1.56	-9.78	3.00	-237.03	-168.05	-1447.38	-89.98	-282.36	-519.84
9805	-2.60	-9.76	3.00	-235.33	-172.48	-1497.77	-98.31	-379.26	-521.76
9806	-3.64	-9.74	3.00	-242.48	-176.92	-1540.65	-106.88	-474.77	-518.41
9807	-4.67	-9.71	3.00	-257.75	-181.17	-1577.40	-114.87	-566.66	-509.72
9808	-5.69	-9.67	3.00	-279.86	-184.98	-1610.40	-121.36	-652.77	-495.78
9809	-6.72	-9.63	3.00	-306.95	-188.10	-1643.00	-125.37	-731.16	-476.83
9810	-7.74	-9.59	3.00	-336.57	-190.27	-1679.38	-125.91	-800.19	-453.25
9811	-8.75	-9.54	3.00	-365.70	-191.21	-1724.40	-122.03	-858.51	-425.45
9812	-9.76	-9.48	3.00	-390.75	-190.63	-1783.31	-112.78	-904.87	-393.81
9813	-10.75	-9.41	3.00	-411.75	-189.39	-1842.22	-103.23	-943.16	-358.16
9814	-11.72	-9.34	3.00	-428.75	-187.99	-1901.13	-94.38	-974.45	-322.51
9815	-12.68	-9.26	3.00	-441.75	-186.69	-1959.99	-86.03	-1000.74	-287.86
9816	-13.63	-9.17	3.00	-450.75	-185.55	-2018.80	-78.17	-1023.00	-254.21
9817	-14.57	-9.07	3.00	-455.75	-184.55	-2077.57	-70.79	-1042.22	-222.56
9818	-15.50	-8.96	3.00	-456.75	-183.69	-2136.30	-63.89	-1058.44	-192.91
9819	-16.42	-8.84	3.00	-453.75	-182.96	-2195.00	-57.47	-1071.61	-165.26
9820	-17.33	-8.71	3.00	-446.75	-182.35	-2253.67	-51.53	-1081.78	-142.61
9821	-18.23	-8.57	3.00	-435.75	-181.85	-2312.30	-46.07	-1089.91	-124.96
9822	-19.12	-8.42	3.00	-420.75	-181.45	-2370.89	-41.09	-1095.00	-112.31
9823	-20.00	-8.26	3.00	-401.75	-181.15	-2429.44	-36.59	-1097.13	-104.66
9824	-20.87	-8.09	3.00	-378.75	-180.95	-2487.95	-32.57	-1096.22	-102.01
9825	-21.73	-7.91	3.00	-351.75	-180.85	-2546.42	-28.93	-1092.26	-104.36
9826	-22.58	-7.72	3.00	-320.75	-180.85	-2604.85	-25.67	-1085.35	-111.71
9827	-23.42	-7.52	3.00	-285.75	-180.95	-2663.24	-22.79	-1075.48	-124.06
9828	-24.25	-7.31	3.00	-246.75	-181.15	-2721.59	-20.19	-1062.65	-141.41
9829	-25.07	-7.09	3.00	-203.75	-181.45	-2779.90	-17.87	-1046.86	-163.76
9830	-25.88	-6.86	3.00	-156.75	-181.85	-2838.17	-15.73	-1028.01	-191.11
9831	-26.68	-6.62	3.00	-105.75	-182.35	-2896.40	-13.77	-1006.12	-223.46
9832	-27.47	-6.37	3.00	-50.75	-182.95	-2954.59	-11.99	-981.19	-260.81
9833	-28.25	-6.11	3.00	0.00	-183.65	-3012.74	-10.39	-953.22	-303.16
9834	-29.02	-5.84	3.00	50.75	-184.45	-3070.85	-9.97	-922.21	-350.51
9835	-29.78	-5.56	3.00	101.75	-185.35	-3128.92	-9.73	-888.26	-402.86
9836	-30.53	-5.27	3.00	152.75	-186.35	-3186.95	-9.67	-851.27	-460.21
9837	-31.27	-4.97	3.00	203.75	-187.45	-3244.94	-9.79	-811.28	-522.56
9838	-32.00	-4.66	3.00	254.75	-188.65	-3302.89	-10.09	-768.29	-589.91
9839	-32.72	-4.34	3.00	305.75	-189.95	-3360.80	-10.57	-722.30	-662.26
9840	-33.43	-4.01	3.00	356.75	-191.35	-3418.67	-11.23	-673.31	-740.61
9841	-34.13	-3.67	3.00	407.75	-192.85	-3476.50	-12.07	-621.32	-825.02
9842	-34.82	-3.32	3.00	458.75	-194.45	-3534.29	-13.09	-566.33	-916.47
9843	-35.50	-2.96	3.00	509.75	-196.15	-3592.04	-14.29	-508.34	-1015.02
9844	-36.17	-2.59	3.00	560.75	-197.95	-3649.75	-15.67	-447.35	-1121.67
9845	-36.83	-2.21	3.00	611.75	-199.85	-3707.42	-17.23	-383.36	-1236.42
9846	-37.48	-1.82	3.00	662.75	-201.85	-3765.05	-18.97	-316.37	-1359.27
9847	-38.12	-1.42	3.00	713.75	-203.95	-3822.64	-20.89	-247.38	-1490.22
9848	-38.75	-1.01	3.00	764.75	-206.15	-3880.19	-22.99	-176.39	-1629.27
9849	-39.37	-0.59	3.00	815.75	-208.45	-3937.70	-25.27	-104.40	-1776.42
9850	-40.00	-0.16	3.00	866.75	-210.85	-3995.17	-27.73	28.59	-1931.67
9851	-40.62	0.27	3.00	917.75	-213.35	-4052.60	-30.37	99.60	-2095.02
9852	-41.23	0.69	3.00	968.75	-215.95	-4109.99	-33.19	170.61	-2266.47
9853	-41.83	1.10	3.00	1019.75	-218.65	-4167.34	-36.21	241.62	-2445.92
9854	-42.42	1.50	3.00	1070.75	-221.45	-4224.65	-39.43	312.63	-2633.37
9855	-43.00	1.89	3.00	1121.75	-224.35	-4281.92	-42.85	383.64	-2828.82
9856	-43.57	2.27	3.00	1172.75	-227.35	-4339.15	-46.47	454.65	-3032.27
9857	-44.13	2.64	3.00	1223.75	-230.45	-4396.34	-50.29	525.66	-3243.72
9858	-44.68	2.99	3.00	1274.75	-233.65	-4453.49	-54.31	596.67	-3463.17
9859	-45.22	3.33	3.00	1325.75	-236.95	-4510.60	-58.53	667.68	-3690.62
9860	-45.75	3.66	3.00	1376.75	-240.35	-4567.67	-62.95	738.69	-3926.07
9861	-46.27	3.98	3.00	1427.75	-243.85	-4624.70	-67.57	809.70	-4169.52
9862	-46.78	4.29	3.00	1478.75	-247.45	-4681.69	-72.39	880.71	-4420.97
9863	-47.28	4.59	3.00	1529.75	-251.15	-4738.64	-77.41	951.72	-4680.42
9864	-47.77	4.88	3.00	1580.75	-254.95	-4795.55	-82.63	1022.73	-4947.87
9865	-48.25	5.16	3.00	1631.75	-258.85	-4852.42	-88.05	1093.74	-5223.32
9866	-48.72	5.43	3.00	1682.75	-262.85	-4909.25	-93.67	1164.75	-5506.77
9867	-49.18	5.69	3.00	1733.75	-266.95	-4966.04	-99.49	1235.76	-5798.22
9868	-49.63	5.94	3.00	1784.75	-271.15	-5022.79	-105.51	1306.77	-6097.67
9869	-50.07	6.18	3.00	1835.75	-275.45	-5079.50	-111.73	1377.78	-6405.12
9870	-50.50	6.41	3.00	1886.75	-279.85	-5136.17	-118.15	1448.79	-6720.57
9871	-50.92	6.63	3.00	1937.75	-284.35	-5192.80	-124.77	1519.80	-7044.02
9872	-51.33	6.84	3.00	1988.75	-288.95	-5249.39	-131.59	1590.81	-7375.47
9873	-51.73	7.04	3.00	2039.75	-293.65	-5305.94	-138.61	1661.82	-7714.92
9874	-52.12	7.23	3.00	2090.75	-298.45	-5362.45	-145.83	1732.83	-8062.37
9875	-52.50	7.41	3.00	2141.75	-303.35	-5418.92	-153.25	1803.84	-8417.82
9876	-52.87	7.58	3.00	2192.75	-308.35	-5475.35	-160.87	1874.85	-8781.27
9877	-53.23	7.74	3.00	2243.75	-313.45	-5531.74	-168.69	1945.86	-9152.72
9878	-53.58	7.89	3.00	2294.75	-318.65	-5588.09	-176.71	2016.87	-9532.17
9879	-53.92	8.03	3.00	2345.75	-323.95	-5644.40	-184.93	2087.88	-9919.62
9880	-54.25	8.16	3.00	2396.75	-329.35	-5700.67	-193.35	2158.89	-10315.07
9881	-54.57	8.28	1.75	2447.75	-334.85	-5756.90	-201.97	2229.90	-10718.52
9882	-54.88	8.39	1.75	2498.75	-340.45	-5813.09	-210.79	2300.91	-11129.97
9883	-55.18	8.49	1.75	2549.75	-346.15	-5869.24	-219.81	2371.92	-11549.42
9884	-55.47	8.58	1.75	2600.75	-351.95	-5925.35	-229.03	2442.93	-11976.87
9885	-55.75	8.66	1.75	2651.75	-357.85	-5981.42	-238.45	2513.94	-12412.32
9886	-56.02	8.73	1.75	2702.75	-363.85	-6037.45	-248.07	2584.95	-12855.77
9887	-56.28	8.79	1.75	2753.75	-369.95	-6093.44	-257.89	2655.96	-13307.22
9888	-56.53	8.84	1.75	2804.75	-376.15	-6149.39	-267.91	2726.97	-13766.67
9889	-56.77	8.88	1.75	2855.75	-382.45	-6205.30	-278.13	2797.98	-14234.12
9890	-57.00	8.91	1.75	2906.75	-388.95	-6261.17	-288.55	2868.99	-14709.57
9891	-57.22	8.93	1.75	2957.75	-395.55	-6317.00	-299.17	2939.00	-15193.02
9892	-57.43	8.94	1.75	3008.75	-402.25	-6372.79	-309.99	3009.01	-15684.47
9893	-57.63	8.94	1.75	3059.75	-409.05	-6428.54	-320.91	3079.02	-16183.92
9894	-57.82	8.93	1.75	3110.75	-415.95	-6484.25	-331.93	3149.03	-16691.37
9895	-58.00	8.91	1.75	3161.75	-422.95	-6539.92	-343.15	3219.04	-17206.82
9896	-58.17	8.88	1.75	3212.75	-430.05	-6595.55	-354.57	3289.05	-17730.27
9897	-58.33	8.84	1.75	3263.75	-437.25	-6651.14	-366.19	3359.06	-18261.72
9898	-58.48	8.79	1.75	3314.75	-444.55	-6706.69	-377.91	3429.07	-18801.17
9899	-58.62	8.72	1.75	3365.75	-451.95	-6762.20	-389.73	3499.08	-19348.62
9900	-58.75	8.64	1.75	3416.75	-459.45	-6817.67	-401.65	3569.09	-19904.07

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
9901	6.46	1.65	1.75	-598.62	-95.76	-1075.19	16.57	348.16	32.56
9902	6.48	0.55	1.75	-600.85	-94.25	-1052.40	8.99	344.74	-15.49
9903	6.48	-0.55	1.75	-600.21	-93.88	-1029.68	1.32	339.09	-61.68
9904	6.46	-1.65	1.75	-596.73	-94.46	-1007.25	-6.94	331.37	-106.15
9905	7.63	1.65	1.75	-705.97	-110.77	-988.10	15.27	391.20	31.75
9906	7.66	0.55	1.75	-708.05	-109.61	-965.98	8.18	387.27	-12.45
9907	7.66	-0.55	1.75	-706.90	-108.91	-944.47	1.15	381.16	-54.90
9908	7.63	-1.65	1.75	-702.56	-108.51	-923.71	-6.62	373.02	-95.82
9909	8.80	1.65	1.75	-823.40	-131.95	-915.82	12.97	419.30	30.05
9910	8.83	0.55	1.75	-825.13	-131.26	-894.46	6.70	415.04	-9.58
9911	8.83	-0.55	1.75	-823.48	-130.22	-874.10	0.67	408.66	-47.55
9912	8.80	-1.65	1.75	-818.52	-128.69	-854.83	-6.26	400.32	-84.24
9913	9.98	1.65	1.75	-949.68	-160.64	-866.18	9.78	431.62	26.96
9914	10.01	0.55	1.75	-950.90	-160.40	-845.62	4.64	427.20	-7.20
9915	10.01	-0.55	1.75	-948.81	-159.02	-826.29	-0.11	420.74	-39.74
9916	9.98	-1.65	1.75	-943.47	-156.38	-808.19	-5.83	412.35	-71.28
9917	11.15	1.65	1.75	-1082.83	-197.87	-849.34	6.26	427.10	22.01
9918	11.19	0.55	1.75	-1083.56	-197.87	-829.68	2.25	422.72	-5.58
9919	11.19	-0.55	1.75	-1081.10	-196.17	-811.16	-1.23	416.31	-31.56
9920	11.15	-1.65	1.75	-1075.56	-192.67	-793.76	-5.71	407.96	-56.81
9921	12.33	1.65	1.75	-1219.38	-243.54	-879.43	3.50	404.36	14.85
9922	12.37	0.55	1.75	-1219.45	-243.77	-860.83	-0.13	400.14	-4.90
9923	12.37	-0.55	1.75	-1216.75	-241.79	-842.85	-2.74	393.88	-23.10
9924	12.33	-1.65	1.75	-1211.38	-237.52	-825.45	-6.69	385.65	-40.76
9925	13.50	1.65	1.75	-1351.96	-295.20	-977.02	2.06	362.18	5.78
9926	13.55	0.55	1.75	-1349.30	-297.62	-959.99	-2.77	357.98	-5.07
9927	13.55	-0.55	1.75	-1346.51	-295.42	-942.23	-4.00	351.91	-14.61
9928	13.50	-1.65	1.75	-1343.72	-288.55	-923.67	-8.93	344.01	-23.58
9929	14.67	1.65	1.75	-1463.56	-346.58	-1171.05	-2.30	303.40	-2.95
9930	14.72	0.55	1.75	-1447.26	-359.70	-1157.50	-8.76	297.86	-5.04
9931	14.72	-0.55	1.75	-1444.56	-357.44	-1139.62	-1.49	291.91	-7.19
9932	14.67	-1.65	1.75	-1455.69	-339.73	-1117.32	-7.70	285.58	-7.59
9933	15.85	1.65	1.75	-1517.53	-386.22	-1488.11	-29.47	251.82	-1.75
9934	15.90	0.55	1.75	-1446.67	-432.32	-1484.57	-29.53	239.19	-1.30
9935	15.90	-0.55	1.75	-1444.22	-430.28	-1466.36	16.72	233.02	-4.16
9936	15.85	-1.65	1.75	-1510.69	-379.95	-1433.42	17.55	233.49	-2.34
9937	17.02	1.65	1.75	-1458.20	-401.12	-1828.48	-129.93	274.61	37.57
9938	17.08	0.55	1.75	-1217.87	-482.16	-1834.84	-80.53	215.53	32.08
9939	17.08	-0.55	1.75	-1215.84	-480.42	-1817.00	66.99	208.29	-30.87
9940	17.02	-1.65	1.75	-1452.48	-396.67	-1774.99	117.64	253.85	-36.03
9941	18.20	1.65	1.75	-1223.52	-389.84	-1935.03	-313.18	388.61	294.67
9942	18.26	0.55	1.75	-726.97	-277.29	-1893.48	-34.82	158.43	80.12
9943	18.26	-0.55	1.75	-727.09	-275.58	-1876.70	25.85	152.14	-74.01
9944	18.20	-1.65	1.75	-1218.88	-386.19	-1884.60	302.04	365.03	-281.86
9945	0.60	1.65	0.25	-179.17	-77.79	-1338.70	14.02	-89.77	30.63
9946	0.60	0.55	0.25	-178.91	-74.23	-1319.03	5.19	-89.55	-24.80
9947	0.60	-0.55	0.25	-179.56	-73.89	-1296.64	-3.65	-90.12	-78.42
9948	0.60	-1.65	0.25	-181.08	-76.56	-1271.80	-12.55	-91.46	-130.07
9949	1.80	1.65	0.25	-217.27	-76.75	-1265.35	13.60	-3.56	29.29
9950	1.80	0.55	0.25	-217.39	-73.27	-1245.46	5.67	-4.04	-24.68
9951	1.80	-0.55	0.25	-217.95	-72.87	-1223.29	-2.33	-5.62	-76.86
9952	1.80	-1.65	0.25	-218.88	-75.36	-1199.11	-10.46	-8.27	-127.11
9953	2.99	1.65	0.25	-268.54	-78.10	-1186.00	13.30	73.91	28.34
9954	3.00	0.55	0.25	-269.00	-74.67	-1166.03	6.09	72.70	-23.83
9955	3.00	-0.55	0.25	-269.37	-74.16	-1144.29	-1.25	70.16	-74.25
9956	2.99	-1.65	0.25	-269.57	-76.37	-1121.04	-8.79	66.37	-122.81
9957	4.19	1.65	0.25	-332.11	-82.11	-1103.88	12.97	141.11	27.67
9958	4.20	0.55	0.25	-332.86	-78.75	-1083.96	6.33	139.17	-22.34
9959	4.20	-0.55	0.25	-332.94	-78.07	-1062.83	-0.46	135.78	-70.68
9960	4.19	-1.65	0.25	-332.32	-79.88	-1040.71	-7.55	131.03	-117.25
9961	5.39	1.65	0.25	-406.98	-89.19	-1022.84	12.45	196.79	27.09
9962	5.41	0.55	0.25	-407.92	-85.97	-1003.12	6.28	194.14	-20.38
9963	5.41	-0.55	0.25	-407.66	-85.07	-982.73	0.00	190.02	-66.25
9964	5.39	-1.65	0.25	-406.18	-86.32	-961.87	-6.69	184.54	-110.48
9965	6.59	1.65	0.25	-491.90	-99.93	-947.51	11.55	239.96	26.35
9966	6.61	0.55	0.25	-492.90	-96.93	-928.10	5.86	236.67	-18.12
9967	6.61	-0.55	0.25	-492.26	-95.78	-908.54	0.13	231.96	-61.06
9968	6.59	-1.65	0.25	-489.98	-96.31	-888.96	-6.13	225.97	-102.51
9969	7.78	1.65	0.25	-585.23	-115.03	-883.37	10.18	269.94	25.12
9970	7.81	0.55	0.25	-586.13	-112.35	-864.38	5.04	266.10	-15.79
9971	7.81	-0.55	0.25	-585.11	-110.92	-845.65	-0.05	260.96	-55.21
9972	7.78	-1.65	0.25	-582.16	-110.59	-827.28	-5.78	254.65	-93.35
9973	8.98	1.65	0.25	-684.66	-135.22	-837.06	8.34	286.53	23.05
9974	9.01	0.55	0.25	-685.34	-132.91	-818.58	3.84	282.25	-13.60
9975	9.01	-0.55	0.25	-683.94	-131.19	-800.64	-0.52	276.82	-48.79
9976	8.98	-1.65	0.25	-680.50	-129.94	-783.30	-5.59	270.34	-82.91
9977	10.18	1.65	0.25	-786.84	-161.04	-816.73	6.36	290.30	19.81
9978	10.21	0.55	0.25	-787.24	-158.98	-798.86	2.42	285.72	-11.77
9979	10.21	-0.55	0.25	-785.52	-156.98	-781.61	-1.32	280.11	-41.88
9980	10.18	-1.65	0.25	-781.72	-154.93	-765.00	-5.79	273.56	-71.15
9981	11.38	1.65	0.25	-886.74	-192.27	-832.52	5.05	283.38	15.26
9982	11.41	0.55	0.25	-886.93	-190.25	-815.40	1.09	278.57	-10.41
9983	11.41	-0.55	0.25	-884.95	-187.99	-798.69	-2.59	272.86	-34.58
9984	11.38	-1.65	0.25	-880.85	-185.38	-782.37	-6.99	266.30	-58.13
9985	12.57	1.65	0.25	-976.69	-227.08	-896.89	5.42	271.08	9.75
9986	12.61	0.55	0.25	-976.37	-225.35	-880.83	0.11	266.08	-9.44
9987	12.61	-0.55	0.25	-974.23	-222.87	-864.46	-4.33	260.28	-27.07
9988	12.57	-1.65	0.25	-970.31	-219.55	-847.78	-9.98	253.72	-44.28
9989	13.77	1.65	0.25	-1045.08	-261.12	-1023.38	7.04	265.61	4.42
9990	13.82	0.55	0.25	-1041.37	-262.26	-1009.14	-1.21	260.63	-8.55
9991	13.82	-0.55	0.25	-1039.17	-259.63	-992.94	-5.58	254.68	-19.62
9992	13.77	-1.65	0.25	-1038.51	-253.13	-974.76	-14.05	247.78	-30.69
9993	14.97	1.65	0.25	-1075.73	-287.22	-1219.62	3.07	293.04	0.89
9994	15.02	0.55	0.25	-1056.11	-300.19	-1209.23	-6.87	290.06	-7.30
9995	15.02	-0.55	0.25	-1053.94	-297.47	-1193.07	-1.96	283.78	-12.43
9996	14.97	-1.65	0.25	-1069.29	-279.01	-1171.11	-12.00	274.21	-18.76
9997	16.17	1.65	0.25	-1051.66	-298.08	-1460.25	-29.24	397.11	0.34
9998	16.22	0.55	0.25	-977.07	-339.06	-1456.35	-27.42	404.69	-6.46
9999	16.22	-0.55	0.25	-974.86	-336.57	-1440.39	17.36	397.74	-4.11

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
10000	16.17	-1.65	0.25	-1045.41	-290.05	-1412.11	19.48	376.41	-9.29
10001	17.36	1.65	0.25	-967.05	-301.54	-1688.09	-126.21	619.85	8.90
10002	17.42	0.55	0.25	-740.87	-361.15	-1707.67	-77.17	638.12	21.88
10003	17.42	-0.55	0.25	-737.79	-358.64	-1692.03	66.80	630.04	-21.35
10004	17.36	-1.65	0.25	-959.76	-294.74	-1640.92	117.39	596.47	-7.75
10005	18.56	1.65	0.25	-685.02	-303.99	-1694.03	-333.62	767.20	320.07
10006	18.62	0.55	0.25	-160.20	-123.04	-1694.54	-31.54	641.90	74.70
10007	18.62	-0.55	0.25	-158.56	-119.83	-1677.76	25.30	636.61	-64.63
10008	18.56	-1.65	0.25	-675.58	-293.91	-1647.04	325.02	742.48	-300.16
10009	0.61	1.65	-1.25	-86.10	-66.81	-1164.85	11.98	-110.88	21.48
10010	0.61	0.55	-1.25	-84.94	-62.46	-1148.23	4.42	-111.03	-27.68
10011	0.61	-0.55	-1.25	-85.38	-61.66	-1129.35	-3.14	-111.51	-75.45
10012	0.61	-1.65	-1.25	-87.37	-64.25	-1108.41	-10.77	-112.33	-121.50
10013	1.83	1.65	-1.25	-114.50	-66.40	-1100.95	10.79	-41.11	20.56
10014	1.84	0.55	-1.25	-113.64	-62.14	-1084.15	4.38	-41.83	-27.51
10015	1.84	-0.55	-1.25	-114.02	-61.29	-1065.43	-2.07	-43.16	-74.21
10016	1.83	-1.65	-1.25	-115.56	-63.69	-1044.97	-8.65	-45.05	-119.22
10017	3.05	1.65	-1.25	-155.04	-68.49	-1033.46	9.74	20.96	19.87
10018	3.06	0.55	-1.25	-154.47	-64.30	-1016.56	4.32	19.61	-26.77
10019	3.06	-0.55	-1.25	-154.70	-63.36	-998.14	-1.19	17.50	-72.07
10020	3.05	-1.65	-1.25	-155.67	-65.49	-978.37	-6.88	14.67	-115.74
10021	4.27	1.65	-1.25	-206.59	-73.22	-965.43	8.74	73.93	19.32
10022	4.29	0.55	-1.25	-206.24	-69.14	-948.51	4.15	71.93	-25.54
10023	4.29	-0.55	-1.25	-206.25	-68.05	-930.52	-0.53	69.10	-69.09
10024	4.27	-1.65	-1.25	-206.59	-69.80	-911.59	-5.48	65.51	-111.10
10025	5.49	1.65	-1.25	-267.68	-80.84	-900.61	7.68	116.76	18.77
10026	5.51	0.55	-1.25	-267.48	-76.90	-883.79	3.82	114.12	-23.92
10027	5.51	-0.55	-1.25	-267.24	-75.62	-866.31	-0.12	110.67	-65.35
10028	5.49	-1.65	-1.25	-266.93	-76.87	-848.29	-4.42	106.49	-105.34
10029	6.72	1.65	-1.25	-336.49	-91.65	-843.54	6.48	148.86	18.00
10030	6.74	0.55	-1.25	-336.32	-87.90	-826.90	3.27	145.61	-22.07
10031	6.74	-0.55	-1.25	-335.80	-86.41	-809.99	0.02	141.64	-60.91
10032	6.72	-1.65	-1.25	-334.89	-87.04	-792.88	-3.67	137.05	-98.46
10033	7.94	1.65	-1.25	-410.63	-105.96	-799.50	5.11	170.26	16.78
10034	7.96	0.55	-1.25	-410.38	-102.44	-783.17	2.50	166.46	-20.15
10035	7.96	-0.55	-1.25	-409.56	-100.71	-766.83	-0.09	162.08	-55.85
10036	7.94	-1.65	-1.25	-408.17	-100.64	-750.53	-3.21	157.22	-90.44
10037	9.16	1.65	-1.25	-487.02	-123.97	-774.60	3.70	181.97	14.85
10038	9.19	0.55	-1.25	-486.59	-120.65	-758.70	1.59	177.71	-18.30
10039	9.19	-0.55	-1.25	-485.50	-118.67	-742.90	-0.49	173.01	-50.24
10040	9.16	-1.65	-1.25	-483.74	-117.91	-727.23	-3.12	167.98	-81.25
10041	10.38	1.65	-1.25	-561.78	-145.45	-775.63	2.66	186.67	12.09
10042	10.41	0.55	-1.25	-561.16	-142.18	-760.31	0.69	182.01	-16.65
10043	10.41	-0.55	-1.25	-559.81	-139.96	-744.99	-1.25	177.07	-44.15
10044	10.38	-1.65	-1.25	-557.75	-138.66	-729.67	-3.71	171.94	-70.91
10045	11.60	1.65	-1.25	-630.29	-169.35	-809.56	2.62	189.80	8.63
10046	11.64	0.55	-1.25	-629.47	-165.97	-795.04	0.04	184.78	-15.16
10047	11.64	-0.55	-1.25	-627.90	-163.52	-780.11	-2.47	179.65	-37.71
10048	11.60	-1.65	-1.25	-625.61	-161.88	-764.74	-5.51	174.45	-59.67
10049	12.82	1.65	-1.25	-687.93	-193.33	-881.87	4.02	201.41	5.09
10050	12.86	0.55	-1.25	-686.42	-190.12	-868.54	-0.32	196.14	-13.69
10051	12.86	-0.55	-1.25	-684.67	-187.46	-853.91	-4.08	190.80	-31.10
10052	12.82	-1.65	-1.25	-682.67	-185.25	-837.96	-8.83	185.41	-48.14
10053	14.04	1.65	-1.25	-732.30	-213.75	-992.68	5.55	238.33	2.17
10054	14.09	0.55	-1.25	-727.60	-212.59	-981.05	-1.20	233.70	-12.12
10055	14.09	-0.55	-1.25	-725.67	-209.73	-966.66	-5.13	228.08	-24.31
10056	14.04	-1.65	-1.25	-726.47	-205.11	-949.51	-12.30	221.51	-36.95
10057	15.26	1.65	-1.25	-768.47	-227.28	-1128.68	1.79	324.44	-0.83
10058	15.31	0.55	-1.25	-753.18	-232.56	-1118.45	-5.16	324.40	-11.01
10059	15.31	-0.55	-1.25	-751.05	-229.48	-1104.34	-2.95	318.39	-16.50
10060	15.26	-1.65	-1.25	-761.99	-218.01	-1086.29	-10.44	306.48	-25.13
10061	16.48	1.65	-1.25	-816.86	-237.33	-1264.24	-15.04	484.04	-7.35
10062	16.54	0.55	-1.25	-779.64	-249.07	-1251.93	-13.90	498.81	-11.40
10063	16.54	-0.55	-1.25	-777.10	-245.93	-1238.18	4.05	492.28	-6.07
10064	16.48	-1.65	-1.25	-809.44	-227.24	-1222.74	4.76	464.51	-8.73
10065	17.70	1.65	-1.25	-920.42	-248.50	-1359.18	-31.67	731.10	-7.55
10066	17.76	0.55	-1.25	-856.38	-242.57	-1345.40	-24.37	763.20	6.14
10067	17.76	-0.55	-1.25	-852.44	-238.99	-1332.17	11.99	756.15	-11.46
10068	17.70	-1.65	-1.25	-910.78	-238.19	-1318.73	20.21	709.71	3.35
10069	18.92	1.65	-1.25	-1081.06	-343.83	-1837.87	-72.66	1121.43	203.77
10070	18.98	0.55	-1.25	-999.40	-255.43	-2110.20	2.21	1162.06	52.46
10071	18.98	-0.55	-1.25	-995.12	-250.59	-2092.46	-16.82	1154.50	-40.70
10072	18.92	-1.65	-1.25	-1066.42	-327.24	-1792.72	56.64	1095.31	-186.74
10073	-0.59	-1.65	1.75	-209.07	-81.07	-1538.03	-15.62	-167.13	-140.69
10074	-0.59	-0.55	1.75	-207.45	-78.27	-1567.71	-5.59	-166.88	-83.06
10075	-0.59	0.55	1.75	-206.37	-77.70	-1594.42	4.45	-167.47	-23.21
10076	-0.59	1.65	1.75	-205.91	-79.62	-1617.74	14.57	-168.89	38.99
10077	-1.76	-1.65	1.75	-190.94	-85.63	-1598.60	-18.50	-279.73	-141.32
10078	-1.77	-0.55	1.75	-189.05	-82.78	-1628.36	-7.56	-281.27	-82.45
10079	-1.77	0.55	1.75	-188.11	-82.29	-1654.75	3.48	-283.12	-21.34
10080	-1.76	1.65	1.75	-188.18	-84.41	-1677.39	14.68	-285.21	42.03
10081	-2.93	-1.65	1.75	-187.73	-91.77	-1645.03	-21.58	-395.34	-140.30
10082	-2.94	-0.55	1.75	-185.83	-88.93	-1674.40	-9.46	-398.71	-80.55
10083	-2.94	0.55	1.75	-185.15	-88.59	-1700.19	2.84	-401.73	-18.58
10084	-2.93	1.65	1.75	-185.74	-91.00	-1722.04	15.37	-404.31	45.52
10085	-4.11	-1.65	1.75	-199.62	-99.66	-1676.90	-24.67	-510.79	-137.58
10086	-4.12	-0.55	1.75	-197.97	-96.89	-1705.40	-11.15	-515.94	-77.41
10087	-4.12	0.55	1.75	-197.66	-96.77	-1730.34	2.63	-520.01	-15.09
10088	-4.11	1.65	1.75	-198.71	-99.52	-1751.40	16.70	-522.88	49.21
10089	-5.28	-1.65	1.75	-226.14	-109.51	-1695.28	-27.57	-622.57	-133.16
10090	-5.30	-0.55	1.75	-225.01	-106.90	-1722.44	-12.50	-629.35	-73.15
10091	-5.30	0.55	1.75	-225.14	-107.05	-1746.34	2.90	-634.31	-11.06
10092	-5.28	1.65	1.75	-226.55	-110.18	-1766.70	18.61	-637.32	52.82
10093	-6.46	-1.65	1.75	-265.95	-121.57	-1703.06	-30.00	-727.17	-127.13
10094	-6.48	-0.55	1.75	-265.58	-119.19	-1728.46	-13.38	-735.33	-67.89
10095	-6.48	0.55	1.75	-266.20	-119.67	-1751.20	3.64	-741.00	-6.71
10096	-6.46	1.65	1.75	-267.83	-123.17	-1771.06	20.98	-744.03	56.08
10097	-7.63	-1.65	1.75	-316.78	-136.03	-1705.09	-31.72	-821.52	-119.65
10098	-7.66	-0.55	1.75	-317.33	-134.00	-1728.41	-13.68	-830.74	-61.85

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
10099	-7.66	0.55	1.75	-318.48	-134.82	-1749.95	4.80	-836.93	-2.24
10100	-7.63	1.65	1.75	-320.18	-138.66	-1769.56	23.57	-839.93	58.79
10101	-8.80	-1.65	1.75	-375.38	-153.05	-1708.16	-32.47	-903.49	-111.02
10102	-8.83	-0.55	1.75	-376.98	-151.47	-1729.25	-13.33	-913.40	-55.24
10103	-8.83	0.55	1.75	-378.62	-152.66	-1749.64	6.26	-919.93	2.17
10104	-8.80	1.65	1.75	-380.27	-156.75	-1769.25	26.11	-922.93	60.83
10105	-9.98	-1.65	1.75	-437.69	-172.72	-1720.91	-32.02	-972.24	-101.56
10106	-10.01	-0.55	1.75	-440.36	-171.69	-1739.78	-12.30	-982.46	-48.31
10107	-10.01	0.55	1.75	-442.46	-173.24	-1759.15	7.88	-989.18	6.39
10108	-9.98	1.65	1.75	-443.93	-177.47	-1779.00	28.24	-992.25	62.20
10109	-11.15	-1.65	1.75	-498.76	-194.99	-1753.70	-30.17	-1028.37	-91.70
10110	-11.19	-0.55	1.75	-502.46	-194.62	-1770.58	-10.58	-1038.57	-41.30
10111	-11.19	0.55	1.75	-504.95	-196.51	-1789.14	9.44	-1045.36	10.35
10112	-11.15	1.65	1.75	-506.19	-200.76	-1809.40	29.58	-1048.61	62.98
10113	-12.33	-1.65	1.75	-552.53	-219.68	-1818.78	-26.70	-1073.75	-81.81
10114	-12.37	-0.55	1.75	-557.14	-220.08	-1834.10	-8.19	-1083.70	-34.44
10115	-12.37	0.55	1.75	-559.95	-222.30	-1852.11	10.69	-1090.49	14.01
10116	-12.33	1.65	1.75	-560.89	-226.38	-1872.89	29.64	-1094.02	63.35
10117	-13.50	-1.65	1.75	-590.75	-246.34	-1930.92	-21.33	-1110.64	-72.18
10118	-13.55	-0.55	1.75	-596.09	-247.63	-1945.34	-5.18	-1120.29	-27.87
10119	-13.55	0.55	1.75	-599.09	-250.14	-1963.15	11.29	-1127.07	17.35
10120	-13.50	1.65	1.75	-599.72	-253.87	-1984.45	27.78	-1130.90	63.40
10121	-14.67	-1.65	1.75	-600.56	-273.82	-2107.99	-13.60	-1139.09	-62.70
10122	-14.72	-0.55	1.75	-606.30	-276.17	-2122.49	-1.59	-1148.57	-21.63
10123	-14.72	0.55	1.75	-609.31	-278.96	-2140.52	10.69	-1155.34	20.26
10124	-14.67	1.65	1.75	-609.63	-282.08	-2162.17	23.03	-1159.35	62.95
10125	-15.85	-1.65	1.75	-560.32	-299.75	-2373.03	-2.79	-1149.76	-52.45
10126	-15.90	-0.55	1.75	-565.77	-303.43	-2389.18	2.55	-1159.36	-15.53
10127	-15.90	0.55	1.75	-568.50	-306.44	-2407.90	8.13	-1166.06	22.25
10128	-15.85	1.65	1.75	-568.66	-308.61	-2429.34	13.85	-1169.92	60.82
10129	-17.02	-1.65	1.75	-431.82	-312.90	-2712.05	11.63	-1089.61	-37.49
10130	-17.08	-0.55	1.75	-435.28	-318.33	-2731.96	7.02	-1098.89	-8.52
10131	-17.08	0.55	1.75	-437.29	-321.39	-2751.73	2.73	-1105.16	21.44
10132	-17.02	1.65	1.75	-438.11	-321.91	-2771.62	-1.46	-1108.63	52.21
10133	-18.20	-1.65	1.75	-295.95	-316.85	-3057.90	21.27	-924.89	-16.72
10134	-18.26	-0.55	1.75	-296.15	-322.82	-3082.39	9.14	-931.59	-0.61
10135	-18.26	0.55	1.75	-297.57	-325.52	-3103.14	-2.98	-936.96	16.51
10136	-18.20	1.65	1.75	-300.35	-324.99	-3120.56	-14.90	-941.21	34.38
10137	-0.60	-1.65	0.25	-156.90	-79.82	-1336.59	-15.00	-181.47	-131.66
10138	-0.60	-0.55	0.25	-154.98	-77.04	-1361.78	-5.12	-181.57	-78.90
10139	-0.60	0.55	0.25	-154.33	-77.39	-1384.17	4.77	-182.04	-24.15
10140	-0.60	1.65	0.25	-155.01	-81.06	-1403.49	14.71	-182.87	32.39
10141	-1.80	-1.65	0.25	-146.93	-85.10	-1391.69	-17.70	-276.24	-131.81
10142	-1.80	-0.55	0.25	-144.83	-82.30	-1416.86	-6.64	-277.84	-78.26
10143	-1.80	0.55	0.25	-144.30	-82.71	-1439.03	4.52	-279.34	-22.74
10144	-1.80	1.65	0.25	-145.39	-86.55	-1457.92	15.78	-280.68	34.52
10145	-2.99	-1.65	0.25	-151.56	-92.49	-1436.13	-20.54	-373.35	-130.49
10146	-3.00	-0.55	0.25	-149.50	-89.72	-1460.90	-8.09	-376.46	-76.53
10147	-3.00	0.55	0.25	-149.19	-90.27	-1482.64	4.52	-378.92	-20.63
10148	-2.99	1.65	0.25	-150.66	-94.31	-1501.08	17.30	-380.66	36.92
10149	-4.19	-1.65	0.25	-170.79	-102.12	-1470.05	-23.35	-470.11	-127.71
10150	-4.20	-0.55	0.25	-169.00	-99.46	-1494.04	-9.36	-474.67	-73.77
10151	-4.20	0.55	0.25	-168.99	-100.19	-1515.16	4.85	-478.01	-17.93
10152	-4.19	1.65	0.25	-170.79	-104.48	-1533.19	19.27	-480.02	39.44
10153	-5.39	-1.65	0.25	-204.14	-114.20	-1494.85	-25.95	-563.77	-123.53
10154	-5.41	-0.55	0.25	-202.85	-111.73	-1517.70	-10.34	-569.63	-70.05
10155	-5.41	0.55	0.25	-203.21	-112.68	-1538.07	5.55	-573.71	-14.78
10156	-5.39	1.65	0.25	-205.25	-117.24	-1555.79	21.67	-575.90	41.92
10157	-6.59	-1.65	0.25	-250.58	-128.97	-1513.39	-28.16	-651.74	-118.06
10158	-6.61	-0.55	0.25	-249.96	-126.75	-1534.80	-10.94	-658.69	-65.54
10159	-6.61	0.55	0.25	-250.75	-127.98	-1554.35	6.62	-663.38	-11.32
10160	-6.59	1.65	0.25	-252.94	-132.79	-1571.90	24.40	-665.70	44.20
10161	-7.78	-1.65	0.25	-308.52	-146.67	-1530.03	-29.81	-732.00	-111.52
10162	-7.81	-0.55	0.25	-308.72	-144.79	-1549.79	-11.08	-739.76	-60.38
10163	-7.81	0.55	0.25	-309.95	-146.31	-1568.50	8.01	-744.93	-7.67
10164	-7.78	1.65	0.25	-312.21	-151.37	-1586.06	27.32	-747.37	46.21
10165	-8.98	-1.65	0.25	-375.91	-167.60	-1550.61	-30.74	-803.46	-104.17
10166	-9.01	-0.55	0.25	-377.01	-166.12	-1568.65	-10.73	-811.74	-54.77
10167	-9.01	0.55	0.25	-378.70	-167.95	-1586.56	9.66	-817.25	-3.95
10168	-8.98	1.65	0.25	-380.94	-173.21	-1604.29	30.25	-819.86	47.94
10169	-10.18	-1.65	0.25	-450.42	-192.06	-1582.45	-30.85	-866.36	-96.37
10170	-10.21	-0.55	0.25	-452.47	-191.06	-1598.83	-9.86	-874.85	-48.92
10171	-10.21	0.55	0.25	-454.60	-193.21	-1616.04	11.49	-880.59	-0.22
10172	-10.18	1.65	0.25	-456.78	-198.61	-1634.08	33.00	-883.46	49.48
10173	-11.38	-1.65	0.25	-529.57	-220.46	-1634.45	-30.03	-922.61	-88.54
10174	-11.41	-0.55	0.25	-532.57	-220.00	-1649.35	-8.51	-931.04	-43.04
10175	-11.41	0.55	0.25	-535.13	-222.47	-1666.02	13.37	-936.93	3.54
10176	-11.38	1.65	0.25	-537.20	-227.94	-1684.49	35.37	-940.19	51.06
10177	-12.57	-1.65	0.25	-610.67	-253.34	-1717.57	-28.22	-976.25	-81.13
10178	-12.61	-0.55	0.25	-614.61	-253.49	-1731.34	-6.70	-984.43	-37.34
10179	-12.61	0.55	0.25	-617.57	-256.29	-1747.69	15.14	-990.44	7.40
10180	-12.57	1.65	0.25	-619.52	-261.76	-1766.65	37.08	-994.21	53.04
10181	-13.77	-1.65	0.25	-690.20	-291.48	-1846.37	-25.28	-1033.96	-74.66
10182	-13.82	-0.55	0.25	-695.06	-292.33	-1859.49	-4.51	-1041.85	-31.98
10183	-13.82	0.55	0.25	-698.39	-295.46	-1875.77	16.57	-1048.01	11.53
10184	-13.77	1.65	0.25	-700.18	-300.85	-1895.28	37.75	-1052.39	55.93
10185	-14.97	-1.65	0.25	-761.60	-336.03	-2043.52	-20.85	-1105.79	-69.63
10186	-15.02	-0.55	0.25	-767.39	-337.78	-2056.61	-1.98	-1113.57	-27.11
10187	-15.02	0.55	0.25	-770.98	-341.30	-2073.18	17.24	-1119.96	16.20
10188	-14.97	1.65	0.25	-772.52	-346.48	-2093.29	36.65	-1124.95	60.42
10189	-16.17	-1.65	0.25	-806.61	-387.89	-2346.93	-13.89	-1202.88	-66.22
10190	-16.22	-0.55	0.25	-813.17	-390.96	-2360.88	0.93	-1211.08	-22.74
10191	-16.22	0.55	0.25	-816.79	-394.90	-2378.25	16.30	-1217.79	21.65
10192	-16.17	1.65	0.25	-817.86	-399.59	-2399.12	31.96	-1223.14	67.02
10193	-17.36	-1.65	0.25	-770.41	-452.60	-2877.63	-1.01	-1328.99	-63.49
10194	-17.42	-0.55	0.25	-776.82	-458.17	-2895.07	4.84	-1338.78	-18.54
10195	-17.42	0.55	0.25	-780.05	-462.39	-2914.31	11.65	-1345.86	27.71
10196	-17.36	1.65	0.25	-780.55	-465.37	-2935.42	18.52	-1350.49	74.91
10197	-18.56	-1.65	0.25	-352.97	-456.53	-3509.87	29.83	-1147.74	-36.46



Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
10198	-18.62	-0.55	0.25	-354.31	-464.11	-3534.62	12.89	-1156.70	-7.05
10199	-18.62	0.55	0.25	-355.74	-467.49	-3556.13	-3.82	-1162.72	23.61
10200	-18.56	1.65	0.25	-357.54	-467.17	-3574.60	-20.43	-1165.98	55.15
10201	-0.61	-1.65	-1.25	-71.96	-67.08	-1166.42	-13.16	-185.55	-122.54
10202	-0.61	-0.55	-1.25	-69.69	-64.40	-1187.59	-4.32	-185.92	-75.75
10203	-0.61	0.55	-1.25	-69.26	-65.20	-1206.46	4.52	-186.29	-27.24
10204	-0.61	1.65	-1.25	-70.73	-69.66	-1222.85	13.41	-186.65	22.65
10205	-1.83	-1.65	-1.25	-69.96	-72.21	-1217.51	-15.75	-262.80	-122.31
10206	-1.84	-0.55	-1.25	-67.58	-69.50	-1238.62	-5.53	-264.41	-75.11
10207	-1.84	0.55	-1.25	-67.26	-70.36	-1257.33	4.76	-265.62	-26.19
10208	-1.83	1.65	-1.25	-69.03	-74.96	-1273.46	15.14	-266.40	24.06
10209	-3.05	-1.65	-1.25	-81.69	-79.73	-1261.08	-18.42	-341.94	-120.80
10210	-3.06	-0.55	-1.25	-79.41	-77.07	-1281.82	-6.67	-344.78	-73.53
10211	-3.06	0.55	-1.25	-79.26	-78.03	-1300.22	5.20	-346.79	-24.59
10212	-3.05	1.65	-1.25	-81.31	-82.79	-1316.12	17.20	-347.91	25.64
10213	-4.27	-1.65	-1.25	-107.17	-89.77	-1297.52	-21.03	-420.67	-118.03
10214	-4.29	-0.55	-1.25	-105.16	-87.22	-1317.59	-7.66	-424.69	-71.08
10215	-4.29	0.55	-1.25	-105.27	-88.34	-1335.56	5.90	-427.42	-22.51
10216	-4.27	1.65	-1.25	-107.53	-93.28	-1351.29	19.60	-428.80	27.29
10217	-5.49	-1.65	-1.25	-146.01	-102.54	-1328.31	-23.45	-496.74	-114.09
10218	-5.51	-0.55	-1.25	-144.46	-100.18	-1347.45	-8.41	-501.81	-67.84
10219	-5.51	0.55	-1.25	-144.88	-101.48	-1364.90	6.87	-505.17	-20.03
10220	-5.49	1.65	-1.25	-147.30	-106.61	-1380.54	22.31	-506.74	28.90
10221	-6.72	-1.65	-1.25	-197.49	-118.28	-1356.10	-25.56	-568.10	-109.10
10222	-6.74	-0.55	-1.25	-196.54	-116.16	-1374.11	-8.86	-574.05	-63.91
10223	-6.74	0.55	-1.25	-197.32	-117.69	-1390.99	8.12	-577.94	-17.27
10224	-6.72	1.65	-1.25	-199.84	-123.01	-1406.66	25.26	-579.67	30.42
10225	-7.94	-1.65	-1.25	-260.61	-137.27	-1384.72	-27.25	-633.23	-103.22
10226	-7.96	-0.55	-1.25	-260.37	-135.46	-1401.47	-8.96	-639.83	-59.44
10227	-7.96	0.55	-1.25	-261.54	-137.24	-1417.77	9.63	-644.13	-14.32
10228	-7.94	1.65	-1.25	-264.12	-142.75	-1433.57	28.39	-646.04	31.78
10229	-9.16	-1.65	-1.25	-334.34	-159.90	-1419.07	-28.44	-691.37	-96.71
10230	-9.19	-0.55	-1.25	-334.88	-158.44	-1434.54	-8.68	-698.38	-54.58
10231	-9.19	0.55	-1.25	-336.45	-160.50	-1450.31	11.38	-702.99	-11.23
10232	-9.16	1.65	-1.25	-339.05	-166.18	-1466.33	31.61	-705.12	33.02
10233	-10.38	-1.65	-1.25	-417.84	-186.68	-1465.12	-29.12	-742.86	-89.86
10234	-10.41	-0.55	-1.25	-419.19	-185.61	-1479.42	-8.04	-750.03	-49.50
10235	-10.41	0.55	-1.25	-421.18	-187.96	-1494.72	13.33	-754.86	-8.06
10236	-10.38	1.65	-1.25	-423.80	-193.80	-1511.04	34.85	-757.28	34.23
10237	-11.60	-1.65	-1.25	-511.01	-218.36	-1529.99	-29.33	-789.50	-83.00
10238	-11.64	-0.55	-1.25	-513.17	-217.71	-1543.29	-7.09	-796.60	-44.36
10239	-11.64	0.55	-1.25	-515.59	-220.36	-1558.25	15.43	-801.60	-4.77
10240	-11.60	1.65	-1.25	-518.26	-226.36	-1574.88	38.10	-804.41	35.64
10241	-12.82	-1.65	-1.25	-615.04	-256.13	-1622.26	-29.21	-835.11	-76.54
10242	-12.86	-0.55	-1.25	-618.01	-255.93	-1634.86	-5.91	-841.98	-39.32
10243	-12.86	0.55	-1.25	-620.88	-258.90	-1649.62	17.66	-847.09	-1.26
10244	-12.82	1.65	-1.25	-623.64	-265.09	-1666.58	41.39	-850.40	37.59
10245	-14.04	-1.65	-1.25	-733.47	-302.06	-1753.42	-28.98	-886.66	-70.99
10246	-14.09	-0.55	-1.25	-737.28	-302.34	-1765.68	-4.63	-893.18	-34.52
10247	-14.09	0.55	-1.25	-740.61	-305.69	-1780.43	19.99	-898.43	2.68
10248	-14.04	1.65	-1.25	-743.52	-312.10	-1797.70	44.82	-902.36	40.67
10249	-15.26	-1.65	-1.25	-873.87	-359.83	-1940.86	-29.03	-956.77	-67.05
10250	-15.31	-0.55	-1.25	-878.57	-360.70	-1953.20	-3.49	-962.96	-30.11
10251	-15.31	0.55	-1.25	-882.39	-364.51	-1968.17	22.44	-968.41	7.49
10252	-15.26	1.65	-1.25	-885.50	-371.22	-1985.81	48.67	-973.09	45.90
10253	-16.48	-1.65	-1.25	-1051.56	-438.06	-2225.03	-29.99	-1073.25	-66.12
10254	-16.54	-0.55	-1.25	-1057.25	-439.74	-2238.06	-2.77	-1079.27	-26.34
10255	-16.54	0.55	-1.25	-1061.58	-444.09	-2253.67	25.05	-1085.10	14.12
10256	-16.48	1.65	-1.25	-1064.89	-451.17	-2271.83	53.27	-1090.71	55.44
10257	-17.70	-1.65	-1.25	-1293.43	-550.86	-2667.71	-32.70	-1301.58	-71.39
10258	-17.76	-0.55	-1.25	-1300.43	-553.54	-2681.46	-2.76	-1308.00	-23.63
10259	-17.76	0.55	-1.25	-1305.51	-558.33	-2698.41	28.05	-1314.65	24.83
10260	-17.70	1.65	-1.25	-1308.85	-565.59	-2718.37	59.01	-1321.42	74.30
10261	-18.92	-1.65	-1.25	-1592.00	-843.69	-4291.50	-22.82	-2011.93	-100.64
10262	-18.98	-0.55	-1.25	-1600.11	-848.72	-4315.16	1.63	-2023.80	-25.31
10263	-18.98	0.55	-1.25	-1606.31	-854.37	-4338.94	26.40	-2033.33	51.32
10264	-18.92	1.65	-1.25	-1610.39	-860.98	-4362.37	51.32	-2040.02	128.99
10265	18.11	2.50	1.75	-1896.11	-298.05	-1918.27	-139.26	614.71	158.22
10266	18.02	3.10	1.75	-1955.98	-318.17	-1907.87	276.18	586.22	-46.23
10267	16.94	2.50	1.75	-1646.59	-305.64	-1815.58	-4.38	305.65	10.48
10268	16.86	3.10	1.75	-1645.40	-284.64	-1803.41	137.92	299.32	-6.11
10269	15.77	2.50	1.75	-1563.27	-351.13	-1486.25	26.66	260.00	-8.49
10270	15.70	3.10	1.75	-1551.06	-351.90	-1487.56	80.11	258.98	-15.09
10271	14.60	2.50	1.75	-1470.50	-338.28	-1180.90	18.75	306.19	-1.13
10272	14.53	3.10	1.75	-1461.37	-340.91	-1187.95	36.43	306.55	1.74
10273	13.44	2.50	1.75	-1350.59	-293.70	-990.18	9.92	364.27	15.71
10274	13.37	3.10	1.75	-1345.00	-294.37	-999.76	16.15	365.09	24.26
10275	12.27	2.50	1.75	-1216.91	-242.65	-894.38	7.81	406.53	31.82
10276	12.21	3.10	1.75	-1213.02	-241.45	-905.42	11.67	407.53	45.21
10277	11.10	2.50	1.75	-1080.07	-196.89	-865.31	10.54	429.39	44.93
10278	11.05	3.10	1.75	-1076.22	-195.41	-877.21	14.70	430.42	62.32
10279	9.93	2.50	1.75	-946.43	-160.21	-882.83	14.84	433.87	54.83
10280	9.88	3.10	1.75	-942.10	-159.59	-895.20	19.49	434.74	75.49
10281	8.76	2.50	1.75	-819.75	-132.46	-932.94	18.65	421.33	62.03
10282	8.72	3.10	1.75	-815.14	-133.04	-945.47	23.45	421.90	85.45
10283	7.59	2.50	1.75	-702.19	-112.22	-1005.50	21.25	392.87	67.23
10284	7.56	3.10	1.75	-697.69	-113.86	-1017.97	25.94	393.07	93.03
10285	6.43	2.50	1.75	-595.02	-97.91	-1092.74	22.65	349.39	71.06
10286	6.39	3.10	1.75	-590.98	-100.33	-1105.01	27.15	349.20	98.96
10287	5.26	2.50	1.75	-499.04	-88.24	-1188.39	23.12	291.76	74.04
10288	5.23	3.10	1.75	-495.64	-91.15	-1200.34	27.48	291.21	103.81
10289	4.09	2.50	1.75	-414.80	-82.21	-1287.21	23.01	220.92	76.63
10290	4.07	3.10	1.75	-412.17	-85.41	-1298.76	27.33	220.04	108.05
10291	2.92	2.50	1.75	-342.82	-79.09	-1384.73	22.62	137.92	79.18
10292	2.91	3.10	1.75	-340.98	-82.44	-1395.80	27.03	136.77	112.03
10293	1.75	2.50	1.75	-283.62	-78.37	-1477.10	22.23	43.99	81.96
10294	1.74	3.10	1.75	-282.56	-81.82	-1487.60	26.89	42.64	116.04
10295	0.58	2.50	1.75	-237.79	-79.70	-1560.95	22.10	-59.41	85.11
10296	0.58	3.10	1.75	-237.49	-83.25	-1570.82	27.16	-60.86	120.20

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
10297	18.48	2.50	0.25	-1372.90	-258.61	-1684.92	-155.58	905.01	126.35
10298	18.39	3.10	0.25	-1450.05	-303.09	-1715.45	217.11	863.35	-103.75
10299	17.28	2.50	0.25	-1146.69	-231.17	-1667.01	-21.17	580.90	9.48
10300	17.20	3.10	0.25	-1154.22	-212.92	-1661.77	110.37	569.31	22.34
10301	16.09	2.50	0.25	-1105.04	-264.12	-1459.75	26.73	392.33	12.33
10302	16.02	3.10	0.25	-1098.51	-264.60	-1459.12	83.08	395.45	25.02
10303	14.90	2.50	0.25	-1086.18	-279.51	-1225.48	28.38	295.77	11.12
10304	14.83	3.10	0.25	-1078.98	-284.24	-1229.17	49.71	299.62	19.53
10305	13.71	2.50	0.25	-1045.01	-261.81	-1033.69	17.84	269.45	16.42
10306	13.64	3.10	0.25	-1040.23	-265.55	-1040.55	25.83	272.63	26.24
10307	12.52	2.50	0.25	-975.05	-228.99	-909.25	10.63	274.67	26.24
10308	12.46	3.10	0.25	-972.16	-230.91	-917.93	14.49	277.22	39.10
10309	11.32	2.50	0.25	-885.12	-193.93	-846.03	8.77	286.67	36.63
10310	11.27	3.10	0.25	-882.80	-195.04	-855.75	11.97	288.87	52.87
10311	10.13	2.50	0.25	-785.12	-162.83	-830.93	10.11	293.32	45.61
10312	10.08	3.10	0.25	-782.67	-164.21	-841.22	13.46	295.22	64.79
10313	8.94	2.50	0.25	-682.73	-137.59	-851.68	12.44	289.19	52.62
10314	8.90	3.10	0.25	-680.10	-139.75	-862.21	15.94	290.70	74.27
10315	7.75	2.50	0.25	-583.22	-118.11	-898.20	14.59	272.14	57.86
10316	7.71	3.10	0.25	-580.66	-121.11	-908.73	18.12	273.18	81.61
10317	6.56	2.50	0.25	-490.05	-103.65	-962.38	16.20	241.63	61.78
10318	6.53	3.10	0.25	-487.83	-107.34	-972.72	19.72	242.18	87.34
10319	5.36	2.50	0.25	-405.50	-93.38	-1037.62	17.31	197.91	64.83
10320	5.34	3.10	0.25	-403.82	-97.57	-1047.63	20.85	198.02	91.98
10321	4.17	2.50	0.25	-331.14	-86.61	-1118.44	18.12	141.70	67.39
10322	4.15	3.10	0.25	-330.12	-91.13	-1128.03	21.79	141.43	95.93
10323	2.98	2.50	0.25	-268.14	-82.80	-1200.26	18.85	74.01	69.75
10324	2.97	3.10	0.25	-267.82	-87.56	-1209.37	22.77	73.46	99.48
10325	1.79	2.50	0.25	-217.48	-81.61	-1279.22	19.71	-3.88	72.11
10326	1.78	3.10	0.25	-217.86	-86.52	-1287.81	24.01	-4.61	102.82
10327	0.60	2.50	0.25	-179.99	-82.78	-1352.12	20.86	-90.41	74.57
10328	0.59	3.10	0.25	-181.02	-87.83	-1360.20	25.69	-91.20	106.06
10329	18.84	2.50	-1.25	-1225.55	-324.25	-1524.37	-36.97	1089.81	69.01
10330	18.76	3.10	-1.25	-1268.46	-348.79	-1568.51	76.35	1070.47	-89.95
10331	17.63	2.50	-1.25	-974.47	-257.56	-1392.47	-2.05	693.89	-8.99
10332	17.55	3.10	-1.25	-985.96	-255.77	-1402.09	33.99	686.04	2.97
10333	16.41	2.50	-1.25	-848.05	-225.06	-1267.68	10.98	471.96	7.48
10334	16.34	3.10	-1.25	-851.18	-226.56	-1266.02	41.04	473.87	23.56
10335	15.20	2.50	-1.25	-778.87	-225.21	-1133.90	18.63	325.27	12.51
10336	15.13	3.10	-1.25	-777.61	-230.51	-1135.05	33.34	329.48	23.46
10337	13.98	2.50	-1.25	-734.64	-216.66	-1000.04	14.11	242.39	15.39
10338	13.92	3.10	-1.25	-733.17	-221.88	-1004.09	20.45	246.34	25.60
10339	12.76	2.50	-1.25	-688.28	-197.19	-891.46	8.08	205.67	20.95
10340	12.71	3.10	-1.25	-687.53	-201.10	-897.68	10.85	208.96	32.98
10341	11.55	2.50	-1.25	-630.39	-172.89	-820.54	4.88	193.67	28.23
10342	11.50	3.10	-1.25	-630.02	-175.89	-828.08	6.63	196.52	42.93
10343	10.33	2.50	-1.25	-561.80	-148.82	-787.47	4.51	190.16	35.41
10344	10.29	3.10	-1.25	-561.38	-151.70	-795.78	6.18	192.65	52.66
10345	9.12	2.50	-1.25	-486.89	-127.58	-786.94	5.71	185.05	41.48
10346	9.08	3.10	-1.25	-486.33	-130.83	-795.66	7.50	187.15	60.91
10347	7.90	2.50	-1.25	-410.42	-110.03	-812.10	7.43	172.86	46.20
10348	7.87	3.10	-1.25	-409.83	-113.83	-820.96	9.38	174.50	67.48
10349	6.69	2.50	-1.25	-336.36	-96.19	-856.21	9.17	150.93	49.78
10350	6.66	3.10	-1.25	-335.97	-100.52	-865.00	11.27	152.08	72.62
10351	5.47	2.50	-1.25	-267.81	-85.78	-913.20	10.79	118.28	52.53
10352	5.45	3.10	-1.25	-267.79	-90.54	-921.76	13.10	118.98	76.70
10353	4.25	2.50	-1.25	-207.09	-78.47	-977.82	12.35	74.94	54.75
10354	4.24	3.10	-1.25	-207.57	-83.55	-986.03	14.95	75.25	80.06
10355	3.04	2.50	-1.25	-156.01	-73.96	-1045.58	13.96	21.52	56.67
10356	3.03	3.10	-1.25	-157.02	-79.28	-1053.39	16.97	21.54	82.94
10357	1.82	2.50	-1.25	-115.95	-72.05	-1112.74	15.76	-40.93	58.47
10358	1.82	3.10	-1.25	-117.51	-77.55	-1120.13	19.29	-41.08	85.50
10359	0.61	2.50	-1.25	-88.02	-72.61	-1176.29	17.86	-110.98	60.21
10360	0.61	3.10	-1.25	-90.08	-78.26	-1183.30	22.02	-111.19	87.82
10361	-0.58	2.50	1.75	-206.00	-82.90	-1633.46	22.46	-170.47	88.68
10362	-0.58	3.10	1.75	-206.39	-86.60	-1642.66	28.06	-171.89	124.53
10363	-1.75	2.50	1.75	-188.91	-87.93	-1692.38	23.47	-286.92	92.54
10364	-1.74	3.10	1.75	-189.91	-91.81	-1700.96	29.75	-288.13	128.91
10365	-2.92	2.50	1.75	-187.01	-94.81	-1736.35	25.25	-405.96	96.47
10366	-2.91	3.10	1.75	-188.49	-98.91	-1744.43	32.33	-406.80	133.07
10367	-4.09	2.50	1.75	-200.38	-103.68	-1765.18	27.80	-524.30	100.16
10368	-4.07	3.10	1.75	-202.16	-108.03	-1772.99	35.73	-524.64	136.66
10369	-5.26	2.50	1.75	-228.43	-114.69	-1780.22	30.98	-638.37	103.28
10370	-5.23	3.10	1.75	-230.29	-119.26	-1788.08	39.80	-638.13	139.34
10371	-6.43	2.50	1.75	-269.71	-127.99	-1784.65	34.57	-744.68	105.55
10372	-6.39	3.10	1.75	-271.43	-132.75	-1792.91	44.22	-743.88	140.82
10373	-7.59	2.50	1.75	-321.85	-143.71	-1783.56	38.23	-840.24	106.76
10374	-7.56	3.10	1.75	-323.22	-148.57	-1792.58	48.58	-838.99	140.92
10375	-8.76	2.50	1.75	-381.55	-161.93	-1783.98	41.52	-923.04	106.87
10376	-8.72	3.10	1.75	-382.40	-166.77	-1794.06	52.36	-921.52	139.63
10377	-9.93	2.50	1.75	-444.71	-182.63	-1794.69	43.99	-992.37	105.96
10378	-9.88	3.10	1.75	-444.94	-187.30	-1806.02	55.01	-990.82	137.12
10379	-11.10	2.50	1.75	-506.40	-205.71	-1826.17	45.09	-1048.95	104.27
10380	-11.05	3.10	1.75	-505.96	-210.03	-1838.80	55.89	-1047.62	133.69
10381	-12.27	2.50	1.75	-560.54	-230.91	-1890.72	44.17	-1094.74	102.08
10382	-12.21	3.10	1.75	-559.45	-234.68	-1904.55	54.26	-1093.80	129.73
10383	-13.44	2.50	1.75	-598.85	-257.72	-2003.12	40.38	-1132.06	99.60
10384	-13.37	3.10	1.75	-597.20	-260.68	-2017.85	49.10	-1131.56	125.49
10385	-14.60	2.50	1.75	-608.37	-284.91	-2181.20	32.40	-1160.79	96.53
10386	-14.53	3.10	1.75	-606.35	-286.76	-2196.25	38.88	-1160.57	120.59
10387	-15.77	2.50	1.75	-567.40	-309.94	-2447.66	18.19	-1171.18	91.13
10388	-15.70	3.10	1.75	-565.51	-310.21	-2461.81	21.16	-1170.79	112.87
10389	-16.94	2.50	1.75	-438.11	-321.24	-2787.21	-4.67	-1109.64	76.35
10390	-16.86	3.10	1.75	-437.82	-319.62	-2798.31	-6.66	-1109.09	93.65
10391	-18.11	2.50	1.75	-303.19	-321.35	-3131.81	-23.93	-943.75	48.55
10392	-18.02	3.10	1.75	-306.18	-318.43	-3138.53	-30.20	-945.03	59.13
10393	-0.60	2.50	0.25	-156.40	-86.21	-1416.45	22.46	-183.72	77.15
10394	-0.59	3.10	0.25	-157.98	-91.40	-1424.05	27.94	-184.45	109.21
10395	-1.79	2.50	0.25	-147.27	-91.88	-1470.44	24.59	-281.60	79.80

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
10396	-1.78	3.10	0.25	-149.32	-97.22	-1477.68	30.84	-282.14	112.17
10397	-2.98	2.50	0.25	-152.93	-99.86	-1513.26	27.29	-381.53	82.35
10398	-2.97	3.10	0.25	-155.32	-105.34	-1520.30	34.40	-381.76	114.79
10399	-4.17	2.50	0.25	-173.32	-110.26	-1545.21	30.55	-480.73	84.65
10400	-4.15	3.10	0.25	-175.88	-115.90	-1552.26	38.56	-480.58	116.88
10401	-5.36	2.50	0.25	-207.89	-123.24	-1567.87	34.26	-576.40	86.51
10402	-5.34	3.10	0.25	-210.46	-129.01	-1575.19	43.18	-575.87	118.27
10403	-6.56	2.50	0.25	-255.54	-138.99	-1584.28	38.26	-666.01	87.81
10404	-6.53	3.10	0.25	-257.94	-144.86	-1592.14	48.05	-665.14	118.84
10405	-7.75	2.50	0.25	-314.61	-157.72	-1598.98	42.32	-747.57	88.50
10406	-7.71	3.10	0.25	-316.72	-163.63	-1607.60	52.89	-746.49	118.59
10407	-8.94	2.50	0.25	-383.06	-179.65	-1617.94	46.21	-820.10	88.66
10408	-8.90	3.10	0.25	-384.75	-185.54	-1627.53	57.43	-818.99	117.64
10409	-10.13	2.50	0.25	-458.53	-205.07	-1648.61	49.65	-883.93	88.50
10410	-10.08	3.10	0.25	-459.75	-210.84	-1659.25	61.33	-883.01	116.31
10411	-11.32	2.50	0.25	-538.57	-234.33	-1699.94	52.36	-941.11	88.42
10412	-11.27	3.10	0.25	-539.29	-239.90	-1711.64	64.27	-940.61	115.11
10413	-12.52	2.50	0.25	-620.50	-267.98	-1782.99	54.01	-995.77	88.99
10414	-12.46	3.10	0.25	-620.72	-273.24	-1795.68	65.87	-995.89	114.75
10415	-13.71	2.50	0.25	-700.75	-306.78	-1912.43	54.10	-1054.70	90.99
10416	-13.64	3.10	0.25	-700.49	-311.60	-1925.94	65.55	-1055.56	116.20
10417	-14.90	2.50	0.25	-772.62	-351.92	-2111.11	51.62	-1127.97	95.40
10418	-14.83	3.10	0.25	-771.82	-356.08	-2125.23	62.11	-1129.49	120.61
10419	-16.09	2.50	0.25	-817.37	-404.14	-2417.52	44.05	-1226.47	102.91
10420	-16.02	3.10	0.25	-815.97	-407.23	-2432.04	52.45	-1228.18	128.74
10421	-17.28	2.50	0.25	-779.38	-468.16	-2953.14	23.67	-1352.55	112.06
10422	-17.20	3.10	0.25	-777.46	-469.22	-2966.52	27.52	-1352.79	138.65
10423	-18.48	2.50	0.25	-358.86	-462.78	-3586.83	-33.56	-1166.61	79.60
10424	-18.39	3.10	0.25	-360.35	-459.07	-3594.21	-42.96	-1165.49	97.16
10425	-0.61	2.50	-1.25	-73.08	-75.61	-1233.98	20.33	-186.91	61.94
10426	-0.61	3.10	-1.25	-75.56	-81.39	-1240.68	25.23	-187.09	89.91
10427	-1.82	2.50	-1.25	-71.72	-81.06	-1284.36	23.22	-266.74	63.60
10428	-1.82	3.10	-1.25	-74.54	-86.96	-1290.88	28.96	-266.76	91.73
10429	-3.04	2.50	-1.25	-84.26	-89.05	-1326.91	26.55	-348.22	65.11
10430	-3.03	3.10	-1.25	-87.29	-95.06	-1333.39	33.18	-348.01	93.17
10431	-4.25	2.50	-1.25	-110.64	-99.70	-1362.11	30.28	-429.02	66.37
10432	-4.24	3.10	-1.25	-113.74	-105.82	-1368.75	37.83	-428.55	94.14
10433	-5.47	2.50	-1.25	-150.44	-113.19	-1391.58	34.32	-506.85	67.29
10434	-5.45	3.10	-1.25	-153.50	-119.39	-1398.57	42.81	-506.12	94.55
10435	-6.69	2.50	-1.25	-202.91	-129.73	-1418.08	38.59	-579.70	67.80
10436	-6.66	3.10	-1.25	-205.79	-135.99	-1425.62	47.98	-578.76	94.34
10437	-7.90	2.50	-1.25	-267.02	-149.59	-1445.54	42.95	-646.06	67.91
10438	-7.87	3.10	-1.25	-269.65	-155.87	-1453.77	53.20	-645.02	93.57
10439	-9.12	2.50	-1.25	-341.74	-173.11	-1478.94	47.29	-705.25	67.71
10440	-9.08	3.10	-1.25	-344.06	-179.39	-1487.96	58.33	-704.26	92.39
10441	-10.33	2.50	-1.25	-426.28	-200.81	-1524.33	51.54	-757.68	67.43
10442	-10.29	3.10	-1.25	-428.27	-207.06	-1534.15	63.29	-756.92	91.08
10443	-11.55	2.50	-1.25	-520.54	-233.45	-1588.84	55.69	-805.25	67.41
10444	-11.50	3.10	-1.25	-522.24	-239.66	-1599.39	68.08	-804.90	90.10
10445	-12.76	2.50	-1.25	-625.81	-272.28	-1681.10	59.81	-851.87	68.21
10446	-12.71	3.10	-1.25	-627.27	-278.45	-1692.26	72.82	-852.12	90.15
10447	-13.98	2.50	-1.25	-745.66	-319.45	-1812.67	64.16	-904.60	70.70
10448	-13.92	3.10	-1.25	-746.97	-325.61	-1824.28	77.82	-905.61	92.29
10449	-15.20	2.50	-1.25	-887.67	-378.84	-2001.17	69.13	-976.24	76.35
10450	-15.13	3.10	-1.25	-888.88	-385.04	-2013.09	83.63	-978.13	98.30
10451	-16.41	2.50	-1.25	-1067.09	-459.20	-2287.56	75.33	-1094.90	88.23
10452	-16.34	3.10	-1.25	-1068.14	-465.46	-2299.69	90.93	-1097.73	111.94
10453	-17.63	2.50	-1.25	-1310.62	-574.71	-2736.00	83.16	-1326.77	113.63
10454	-17.55	3.10	-1.25	-1310.98	-581.23	-2749.81	100.41	-1330.56	141.94
10455	-18.84	2.50	-1.25	-1612.35	-868.19	-4380.71	70.51	-2043.37	190.17
10456	-18.76	3.10	-1.25	-1612.49	-872.62	-4394.20	84.01	-2043.98	234.58
10457	0.58	3.95	1.75	-237.34	-90.54	-1582.10	34.27	-63.69	170.82
10458	1.73	3.95	1.75	-280.94	-88.93	-1500.18	33.39	39.59	165.31
10459	2.88	3.95	1.75	-337.75	-89.37	-1409.67	33.18	133.73	159.62
10460	4.03	3.95	1.75	-407.23	-92.04	-1313.87	33.39	217.21	153.62
10461	5.18	3.95	1.75	-488.96	-97.27	-1216.61	33.76	288.76	147.07
10462	6.34	3.96	1.75	-582.61	-105.56	-1122.31	33.93	347.30	139.62
10463	7.49	3.96	1.75	-687.92	-117.66	-1036.12	33.47	391.89	130.81
10464	8.64	3.96	1.75	-804.53	-134.78	-964.16	31.80	421.56	120.07
10465	9.79	3.96	1.75	-931.54	-158.72	-913.94	28.40	435.25	106.59
10466	10.94	3.96	1.75	-1066.58	-192.06	-895.32	23.39	431.60	89.33
10467	12.10	3.96	1.75	-1204.09	-237.53	-921.98	19.09	409.03	67.17
10468	13.25	3.96	1.75	-1332.85	-295.09	-1013.73	23.14	366.54	39.91
10469	14.40	3.96	1.75	-1434.13	-354.12	-1197.28	52.01	307.14	10.39
10470	15.55	3.96	1.75	-1482.17	-385.87	-1491.50	129.46	251.69	-13.88
10471	16.70	3.96	1.75	-1461.62	-347.71	-1787.12	279.54	256.91	-20.31
10472	17.86	3.96	1.75	-1324.15	-451.62	-1887.72	508.23	360.68	-82.76
10473	0.57	5.05	1.75	-237.72	-103.67	-1592.93	43.44	-68.45	237.52
10474	1.70	5.05	1.75	-278.90	-101.80	-1513.17	41.69	34.03	230.34
10475	2.84	5.06	1.75	-332.95	-101.92	-1424.99	40.97	127.78	222.48
10476	3.97	5.06	1.75	-399.37	-104.13	-1331.56	41.13	211.26	213.87
10477	5.11	5.06	1.75	-477.80	-108.57	-1236.63	41.98	283.19	204.33
10478	6.24	5.06	1.75	-568.06	-115.53	-1144.53	43.27	342.52	193.58
10479	7.38	5.06	1.75	-670.13	-125.50	-1060.25	44.58	388.32	181.24
10480	8.51	5.07	1.75	-784.15	-139.36	-989.66	45.26	419.63	166.81
10481	9.64	5.07	1.75	-909.95	-158.72	-939.95	44.37	435.26	149.49
10482	10.78	5.07	1.75	-1046.03	-186.49	-920.52	40.93	433.55	128.10
10483	11.91	5.07	1.75	-1186.86	-227.50	-944.63	35.09	412.46	100.93
10484	13.05	5.08	1.75	-1317.73	-287.84	-1031.71	32.04	370.78	66.90
10485	14.18	5.08	1.75	-1407.30	-367.95	-1207.77	49.82	311.96	29.68
10486	15.32	5.08	1.75	-1402.06	-441.73	-1490.01	123.47	252.10	5.73
10487	16.45	5.08	1.75	-1226.90	-454.61	-1767.09	269.44	207.68	10.01
10488	17.59	5.08	1.75	-797.87	-331.43	-1792.31	248.24	143.38	88.30
10489	0.56	6.15	1.75	-239.06	-121.86	-1598.66	52.46	-74.53	304.42
10490	1.67	6.15	1.75	-277.15	-119.69	-1521.66	49.74	26.43	295.65
10491	2.78	6.16	1.75	-327.57	-119.43	-1436.61	48.44	119.20	285.66
10492	3.90	6.16	1.75	-389.81	-121.09	-1346.55	48.53	202.27	274.46
10493	5.01	6.16	1.75	-463.52	-124.69	-1255.08	49.99	274.41	261.97
10494	6.12	6.16	1.75	-548.57	-130.29	-1166.34	52.71	334.62	248.04

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
10495	7.23	6.17	1.75	-645.13	-138.10	-1085.10	56.51	382.06	232.42
10496	8.35	6.17	1.75	-753.76	-148.54	-1016.89	60.91	415.84	214.78
10497	9.46	6.17	1.75	-875.22	-162.62	-968.41	64.99	434.79	194.52
10498	10.57	6.17	1.75	-1009.78	-182.51	-948.36	67.12	437.10	170.58
10499	11.69	6.18	1.75	-1154.89	-212.91	-969.05	64.96	420.10	141.02
10500	12.80	6.18	1.75	-1299.03	-263.32	-1048.98	56.94	381.63	103.21
10501	13.91	6.18	1.75	-1409.15	-347.83	-1213.23	49.04	325.90	58.31
10502	15.03	6.18	1.75	-1416.08	-464.72	-1476.85	68.09	274.92	28.81
10503	16.14	6.18	1.75	-1215.61	-516.47	-1730.08	139.99	239.85	80.21
10504	17.25	6.19	1.75	-782.75	-324.83	-1734.19	215.63	110.62	204.61
10505	0.54	7.25	1.75	-241.75	-145.37	-1599.73	61.25	-81.89	370.11
10506	1.63	7.25	1.75	-276.14	-142.86	-1526.00	57.47	16.77	359.87
10507	2.72	7.25	1.75	-322.08	-142.15	-1444.89	55.47	107.93	347.87
10508	3.81	7.25	1.75	-379.05	-143.19	-1359.21	55.37	190.14	334.23
10509	4.89	7.25	1.75	-446.63	-145.92	-1272.32	57.31	262.23	318.96
10510	5.98	7.26	1.75	-524.59	-150.28	-1188.14	61.43	323.35	302.05
10511	7.07	7.26	1.75	-613.09	-156.25	-1111.12	67.83	372.77	283.44
10512	8.15	7.26	1.75	-712.76	-163.87	-1046.38	76.51	409.82	263.01
10513	9.24	7.26	1.75	-824.88	-173.41	-1000.04	87.15	433.58	240.47
10514	10.33	7.26	1.75	-951.22	-185.80	-979.82	98.73	442.44	215.17
10515	11.42	7.26	1.75	-1093.19	-203.42	-996.50	108.96	433.67	185.63
10516	12.50	7.26	1.75	-1248.63	-232.48	-1066.46	112.84	403.80	148.64
10517	13.59	7.26	1.75	-1402.02	-289.52	-1213.29	102.25	354.32	99.52
10518	14.68	7.26	1.75	-1507.20	-403.72	-1452.88	74.71	312.01	46.80
10519	15.77	7.27	1.75	-1487.35	-544.02	-1692.59	48.11	332.22	63.93
10520	16.85	7.27	1.75	-1245.36	-449.07	-1719.98	-40.67	353.28	374.86
10521	0.59	3.95	0.25	-183.16	-97.34	-1369.61	32.54	-92.79	151.09
10522	1.76	3.95	0.25	-218.75	-95.81	-1298.25	30.10	-6.39	146.83
10523	2.94	3.95	0.25	-267.32	-96.58	-1220.93	28.32	71.73	142.15
10524	4.12	3.95	0.25	-328.13	-99.76	-1140.71	27.05	140.01	136.99
10525	5.29	3.95	0.25	-400.35	-105.60	-1061.36	26.07	197.13	131.17
10526	6.47	3.95	0.25	-483.02	-114.47	-987.34	25.13	242.05	124.42
10527	7.64	3.96	0.25	-574.82	-126.97	-923.97	23.90	273.98	116.32
10528	8.82	3.96	0.25	-673.78	-143.96	-877.68	22.12	292.52	106.35
10529	10.00	3.96	0.25	-776.54	-166.63	-856.36	19.80	298.00	93.83
10530	11.17	3.96	0.25	-877.25	-196.30	-869.88	17.98	292.40	78.22
10531	12.35	3.96	0.25	-966.22	-233.29	-930.16	20.04	281.36	59.91
10532	13.52	3.96	0.25	-1029.56	-273.86	-1049.54	33.36	277.99	42.07
10533	14.70	3.96	0.25	-1052.90	-304.46	-1233.21	69.41	307.86	33.10
10534	15.88	3.96	0.25	-1032.25	-302.88	-1456.44	138.14	407.18	41.47
10535	17.05	3.96	0.25	-984.23	-266.54	-1668.90	244.41	590.74	54.75
10536	18.23	3.96	0.25	-798.11	-443.03	-1700.76	473.15	735.41	-221.74
10537	0.58	5.05	0.25	-187.05	-113.47	-1379.22	41.41	-95.53	209.76
10538	1.74	5.05	0.25	-220.60	-111.61	-1309.56	37.99	-9.77	204.24
10539	2.90	5.06	0.25	-266.79	-111.95	-1234.16	35.53	68.14	197.91
10540	4.06	5.06	0.25	-324.98	-114.54	-1155.96	33.96	136.66	190.74
10541	5.22	5.06	0.25	-394.45	-119.50	-1078.57	33.12	194.49	182.62
10542	6.37	5.06	0.25	-474.41	-127.06	-1006.29	32.80	240.60	173.34
10543	7.53	5.06	0.25	-563.86	-137.64	-944.21	32.66	274.17	162.55
10544	8.69	5.07	0.25	-661.27	-151.98	-898.50	32.26	294.68	149.77
10545	9.85	5.07	0.25	-763.82	-171.34	-876.76	31.18	302.22	134.23
10546	11.01	5.07	0.25	-866.00	-197.75	-888.56	29.50	298.34	115.04
10547	12.17	5.07	0.25	-957.32	-233.91	-945.59	29.15	288.29	91.76
10548	13.33	5.07	0.25	-1019.59	-281.49	-1059.82	36.71	285.62	66.67
10549	14.49	5.08	0.25	-1026.85	-335.17	-1235.61	66.70	318.58	49.78
10550	15.65	5.08	0.25	-950.37	-369.82	-1447.06	136.15	425.96	61.05
10551	16.81	5.08	0.25	-752.35	-369.63	-1665.09	237.96	613.78	78.21
10552	17.96	5.08	0.25	-205.77	-251.43	-1631.43	170.14	647.52	-73.41
10553	0.57	6.15	0.25	-192.54	-134.51	-1385.61	50.26	-99.11	268.00
10554	1.71	6.15	0.25	-223.48	-132.29	-1318.06	45.81	-14.50	261.29
10555	2.84	6.16	0.25	-266.57	-132.15	-1245.17	42.65	62.82	253.38
10556	3.98	6.16	0.25	-321.20	-134.10	-1169.71	40.80	131.36	244.29
10557	5.12	6.16	0.25	-386.76	-138.15	-1095.05	40.22	189.90	234.02
10558	6.26	6.16	0.25	-462.60	-144.38	-1025.25	40.80	237.47	222.46
10559	7.40	6.16	0.25	-548.01	-153.00	-965.12	42.32	273.30	209.41
10560	8.53	6.17	0.25	-642.01	-164.48	-920.42	44.34	296.83	194.52
10561	9.67	6.17	0.25	-742.71	-179.76	-898.26	46.20	307.92	177.15
10562	10.81	6.17	0.25	-846.11	-200.75	-907.67	47.04	307.52	156.27
10563	11.95	6.17	0.25	-943.49	-230.97	-959.96	46.26	299.62	130.51
10564	13.09	6.18	0.25	-1017.40	-276.21	-1067.10	45.10	296.19	99.45
10565	14.22	6.18	0.25	-1037.31	-342.22	-1233.26	49.97	325.69	69.00
10566	15.36	6.18	0.25	-960.37	-418.96	-1430.58	74.02	434.49	62.63
10567	16.50	6.18	0.25	-728.02	-434.33	-1620.51	106.99	632.69	124.67
10568	17.64	6.19	0.25	-168.64	-210.86	-1609.20	128.54	615.12	37.15
10569	0.56	7.25	0.25	-199.94	-160.65	-1389.44	58.97	-103.53	324.87
10570	1.67	7.25	0.25	-227.76	-158.03	-1324.34	53.47	-20.61	317.05
10571	2.78	7.25	0.25	-267.05	-157.39	-1254.51	49.56	55.69	307.66
10572	3.89	7.25	0.25	-317.23	-158.67	-1182.45	47.37	123.99	296.82
10573	5.01	7.25	0.25	-377.70	-161.83	-1111.29	46.98	183.20	284.59
10574	6.12	7.26	0.25	-447.91	-166.87	-1044.74	48.44	232.46	271.01
10575	7.23	7.26	0.25	-527.31	-173.82	-987.24	51.75	271.12	256.07
10576	8.34	7.26	0.25	-615.30	-182.87	-944.03	56.72	298.76	239.64
10577	9.46	7.26	0.25	-710.93	-194.44	-921.56	62.89	315.22	221.40
10578	10.57	7.26	0.25	-812.07	-209.64	-928.00	69.32	321.00	200.56
10579	11.68	7.26	0.25	-913.82	-230.83	-973.81	74.31	318.63	175.57
10580	12.79	7.26	0.25	-1005.59	-262.83	-1070.95	75.02	316.33	143.84
10581	13.91	7.26	0.25	-1067.39	-315.28	-1226.19	67.02	336.27	103.19
10582	15.02	7.26	0.25	-1068.88	-399.78	-1416.00	45.35	422.82	61.15
10583	16.13	7.26	0.25	-982.13	-483.78	-1583.17	4.95	622.78	69.38
10584	17.25	7.27	0.25	-645.42	-325.91	-1559.64	-162.01	728.25	320.41
10585	0.60	3.95	-1.25	-94.06	-88.58	-1191.81	27.95	-111.70	127.04
10586	1.80	3.95	-1.25	-120.53	-87.63	-1129.40	24.34	-41.71	123.98
10587	3.00	3.95	-1.25	-158.96	-89.06	-1063.52	21.31	21.03	120.40
10588	4.20	3.95	-1.25	-208.37	-92.91	-997.04	18.77	75.10	116.26
10589	5.40	3.95	-1.25	-267.50	-99.33	-933.56	16.60	119.42	111.39
10590	6.60	3.95	-1.25	-334.76	-108.54	-877.39	14.63	153.31	105.57
10591	7.80	3.96	-1.25	-408.04	-120.87	-833.63	12.72	176.65	98.44
10592	9.00	3.96	-1.25	-484.40	-136.76	-808.17	10.84	190.24	89.58
10593	10.20	3.96	-1.25	-559.78	-156.68	-807.57	9.37	196.54	78.59

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
10594	11.40	3.96	-1.25	-628.83	-180.74	-838.49	9.55	201.01	65.49
10595	12.60	3.96	-1.25	-685.82	-207.72	-905.82	13.93	214.07	51.56
10596	13.80	3.96	-1.25	-728.23	-233.23	-1008.55	26.20	252.95	40.48
10597	15.00	3.96	-1.25	-764.90	-248.61	-1133.32	48.07	339.65	37.97
10598	16.20	3.96	-1.25	-824.37	-249.91	-1259.25	73.22	491.00	43.35
10599	17.40	3.96	-1.25	-944.18	-260.50	-1378.68	82.56	714.51	30.54
10600	18.60	3.96	-1.25	-1140.27	-428.97	-1877.69	160.24	1110.22	-171.25
10601	0.59	5.05	-1.25	-100.80	-105.68	-1201.19	35.72	-112.71	177.71
10602	1.77	5.05	-1.25	-125.69	-104.37	-1140.02	30.97	-43.15	173.75
10603	2.96	5.06	-1.25	-162.29	-105.33	-1075.60	27.06	19.55	168.94
10604	4.14	5.06	-1.25	-209.70	-108.58	-1010.65	23.94	74.01	163.25
10605	5.32	5.06	-1.25	-266.82	-114.16	-948.58	21.51	119.17	156.60
10606	6.51	5.06	-1.25	-332.25	-122.23	-893.52	19.61	154.32	148.77
10607	7.69	5.06	-1.25	-404.16	-133.06	-850.33	18.04	179.24	139.46
10608	8.87	5.07	-1.25	-479.95	-147.12	-824.66	16.60	194.56	128.21
10609	10.06	5.07	-1.25	-555.84	-165.13	-822.88	15.29	202.43	114.44
10610	11.24	5.07	-1.25	-626.40	-188.02	-851.51	14.77	207.88	97.74
10611	12.42	5.07	-1.25	-684.74	-216.42	-915.41	17.07	221.20	78.65
10612	13.61	5.07	-1.25	-725.08	-249.10	-1013.28	26.47	260.50	60.40
10613	14.79	5.08	-1.25	-750.54	-279.37	-1130.12	48.25	350.94	50.79
10614	15.97	5.08	-1.25	-785.07	-293.80	-1243.59	78.93	513.58	57.05
10615	17.16	5.08	-1.25	-869.69	-289.06	-1350.08	93.69	751.06	45.95
10616	18.34	5.08	-1.25	-1010.55	-335.05	-2071.42	73.07	1157.81	-64.13
10617	0.58	6.15	-1.25	-109.68	-127.44	-1208.71	43.55	-114.15	227.56
10618	1.74	6.15	-1.25	-132.57	-125.73	-1149.06	37.69	-45.39	222.74
10619	2.91	6.16	-1.25	-166.77	-126.18	-1086.50	32.92	17.01	216.76
10620	4.07	6.16	-1.25	-211.49	-128.76	-1023.54	29.25	71.76	209.64
10621	5.23	6.16	-1.25	-265.75	-133.47	-963.37	26.67	117.84	201.36
10622	6.39	6.16	-1.25	-328.39	-140.37	-909.83	25.04	154.56	191.81
10623	7.56	6.16	-1.25	-397.91	-149.64	-867.46	24.18	181.66	180.76
10624	8.72	6.17	-1.25	-472.21	-161.63	-841.55	23.78	199.58	167.83
10625	9.88	6.17	-1.25	-548.22	-177.07	-838.15	23.48	210.04	152.39
10626	11.05	6.17	-1.25	-621.27	-197.18	-863.62	23.05	217.27	133.61
10627	12.21	6.17	-1.25	-684.79	-223.83	-923.13	22.88	230.30	110.81
10628	13.37	6.18	-1.25	-731.36	-259.06	-1016.30	24.77	266.26	84.75
10629	14.53	6.18	-1.25	-758.32	-302.14	-1128.80	32.81	351.75	60.36
10630	15.70	6.18	-1.25	-781.89	-339.00	-1232.49	50.71	514.52	50.51
10631	16.86	6.18	-1.25	-845.30	-326.53	-1310.90	59.36	754.42	68.06
10632	18.02	6.18	-1.25	-974.88	-299.96	-2011.75	87.42	1111.49	24.31
10633	0.57	7.25	-1.25	-120.97	-153.99	-1215.07	51.41	-116.06	275.84
10634	1.71	7.25	-1.25	-141.46	-151.84	-1157.17	44.43	-48.49	270.21
10635	2.84	7.25	-1.25	-172.72	-151.75	-1096.82	38.78	13.34	263.14
10636	3.98	7.25	-1.25	-214.06	-153.66	-1036.29	34.55	68.24	254.73
10637	5.12	7.25	-1.25	-264.61	-157.54	-978.47	31.77	115.27	245.01
10638	6.26	7.26	-1.25	-323.40	-163.38	-926.84	30.42	153.84	233.99
10639	7.40	7.26	-1.25	-389.24	-171.26	-885.55	30.39	183.71	221.58
10640	8.53	7.26	-1.25	-460.58	-181.41	-859.41	31.40	205.22	207.55
10641	9.67	7.26	-1.25	-535.25	-194.31	-853.95	32.98	219.71	191.42
10642	10.81	7.26	-1.25	-610.05	-210.95	-875.23	34.42	230.44	172.28
10643	11.95	7.26	-1.25	-680.38	-233.08	-928.74	34.76	244.46	148.70
10644	13.09	7.26	-1.25	-740.89	-263.53	-1016.27	32.93	275.44	118.89
10645	14.22	7.26	-1.25	-788.89	-306.12	-1128.50	28.13	346.17	81.74
10646	15.36	7.26	-1.25	-833.52	-360.87	-1240.94	23.39	485.99	41.79
10647	16.50	7.26	-1.25	-914.54	-385.31	-1304.69	26.48	711.64	30.81
10648	17.64	7.27	-1.25	-1028.73	-358.28	-1694.05	8.88	1034.28	201.68
10649	-17.86	3.96	1.75	-311.29	-313.93	-3146.36	-38.42	-946.24	75.09
10650	-16.70	3.96	1.75	-437.04	-315.47	-2814.07	-9.54	-1106.53	119.11
10651	-15.55	3.96	1.75	-561.46	-309.66	-2483.54	25.23	-1168.34	144.59
10652	-14.40	3.96	1.75	-601.91	-289.10	-2219.95	47.79	-1158.36	155.65
10653	-13.25	3.96	1.75	-593.37	-265.22	-2041.11	61.18	-1128.83	163.09
10654	-12.10	3.96	1.75	-556.68	-240.84	-1926.15	68.29	-1090.27	169.71
10655	-10.94	3.96	1.75	-504.46	-217.36	-1858.07	70.98	-1043.35	176.05
10656	-9.79	3.96	1.75	-444.76	-195.42	-1822.66	70.45	-986.16	181.82
10657	-8.64	3.96	1.75	-383.50	-175.37	-1808.09	67.61	-916.93	186.53
10658	-7.49	3.96	1.75	-325.41	-157.39	-1804.30	63.21	-834.93	189.77
10659	-6.34	3.96	1.75	-274.42	-141.57	-1802.82	57.93	-740.76	191.26
10660	-5.18	3.95	1.75	-233.70	-127.92	-1796.83	52.39	-636.22	190.96
10661	-4.03	3.95	1.75	-205.57	-116.42	-1781.26	47.10	-524.02	188.98
10662	-2.88	3.95	1.75	-191.49	-106.99	-1752.84	42.46	-407.41	185.62
10663	-1.73	3.95	1.75	-192.14	-99.57	-1710.02	38.73	-289.77	181.23
10664	-0.58	3.95	1.75	-207.54	-94.09	-1652.73	36.01	-174.29	176.18
10665	-17.59	5.08	1.75	-318.53	-304.01	-3153.40	-47.71	-946.72	96.40
10666	-16.45	5.08	1.75	-435.30	-308.57	-2834.37	-13.45	-1100.72	152.39
10667	-15.32	5.08	1.75	-554.44	-308.21	-2513.77	29.66	-1162.42	186.30
10668	-14.18	5.08	1.75	-594.14	-292.42	-2253.74	58.32	-1152.82	201.91
10669	-13.05	5.08	1.75	-586.56	-272.14	-2074.42	75.82	-1122.53	212.61
10670	-11.91	5.07	1.75	-551.60	-250.46	-1956.87	85.54	-1082.71	222.16
10671	-10.78	5.07	1.75	-501.46	-228.96	-1884.99	89.70	-1034.66	231.37
10672	-9.64	5.07	1.75	-443.97	-208.43	-1845.21	89.77	-976.85	239.97
10673	-8.51	5.07	1.75	-384.84	-189.33	-1826.21	86.84	-907.73	247.40
10674	-7.38	5.06	1.75	-328.62	-171.89	-1818.37	81.82	-826.62	253.10
10675	-6.24	5.06	1.75	-279.06	-156.29	-1813.56	75.52	-734.01	256.70
10676	-5.11	5.06	1.75	-239.18	-142.60	-1805.22	68.67	-631.52	258.04
10677	-3.97	5.06	1.75	-211.23	-130.88	-1788.37	61.90	-521.59	257.16
10678	-2.84	5.06	1.75	-196.66	-121.13	-1759.74	55.72	-407.24	254.31
10679	-1.70	5.05	1.75	-196.20	-113.35	-1717.60	50.47	-291.62	249.83
10680	-0.57	5.05	1.75	-209.98	-107.52	-1661.69	46.35	-177.79	244.08
10681	-17.25	6.19	1.75	-327.07	-291.72	-3156.65	-55.30	-945.53	118.69
10682	-16.14	6.18	1.75	-432.58	-299.06	-2853.92	-17.12	-1091.37	185.48
10683	-15.03	6.18	1.75	-545.07	-305.28	-2546.17	32.97	-1152.64	227.98
10684	-13.91	6.18	1.75	-583.78	-295.38	-2291.12	67.32	-1143.64	248.41
10685	-12.80	6.18	1.75	-577.45	-279.63	-2111.55	88.81	-1112.59	262.36
10686	-11.69	6.18	1.75	-544.71	-261.38	-1990.98	101.14	-1071.38	274.59
10687	-10.57	6.17	1.75	-497.21	-242.50	-1914.45	106.85	-1022.01	286.34
10688	-9.46	6.17	1.75	-442.51	-223.96	-1869.17	107.67	-963.48	297.46
10689	-8.35	6.17	1.75	-386.11	-206.32	-1844.46	104.87	-894.51	307.35
10690	-7.23	6.17	1.75	-332.32	-189.90	-1831.24	99.50	-814.50	315.37
10691	-6.12	6.16	1.75	-284.68	-174.93	-1821.85	92.44	-723.86	321.05
10692	-5.01	6.16	1.75	-246.04	-161.56	-1810.04	84.52	-623.98	324.11

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
10693	-3.90	6.16	1.75	-218.53	-149.91	-1791.02	76.46	-517.05	324.53
10694	-2.78	6.16	1.75	-203.58	-140.06	-1761.53	68.86	-405.78	322.45
10695	-1.67	6.15	1.75	-201.95	-132.08	-1719.76	62.14	-293.07	318.16
10696	-0.56	6.15	1.75	-213.85	-125.99	-1665.24	56.62	-181.77	312.00
10697	-16.85	7.27	1.75	-336.07	-277.19	-3155.69	-61.07	-942.54	141.57
10698	-15.77	7.27	1.75	-428.74	-287.04	-2872.29	-20.82	-1078.09	217.93
10699	-14.68	7.26	1.75	-533.35	-300.84	-2580.36	35.03	-1138.61	269.31
10700	-13.59	7.26	1.75	-571.01	-297.74	-2331.87	74.51	-1130.51	294.93
10701	-12.50	7.26	1.75	-566.29	-287.29	-2152.51	99.78	-1098.85	312.06
10702	-11.42	7.26	1.75	-536.23	-273.14	-2028.73	114.62	-1056.23	326.69
10703	-10.33	7.26	1.75	-491.88	-257.51	-1946.91	121.90	-1005.48	340.62
10704	-9.24	7.26	1.75	-440.51	-241.57	-1895.19	123.61	-946.22	353.84
10705	-8.15	7.26	1.75	-387.38	-225.96	-1863.65	121.17	-877.46	365.79
10706	-7.07	7.26	1.75	-336.55	-211.09	-1843.85	115.70	-798.74	375.82
10707	-5.98	7.26	1.75	-291.32	-197.24	-1828.66	108.18	-710.40	383.37
10708	-4.89	7.25	1.75	-254.32	-184.63	-1812.25	99.49	-613.65	388.10
10709	-3.81	7.25	1.75	-227.55	-173.44	-1790.10	90.40	-510.37	389.85
10710	-2.72	7.25	1.75	-212.39	-163.83	-1759.03	81.56	-402.96	388.70
10711	-1.63	7.25	1.75	-209.60	-155.90	-1717.18	73.52	-294.02	384.83
10712	-0.54	7.25	1.75	-219.43	-149.72	-1663.92	66.65	-186.16	378.51
10713	-18.23	3.96	0.25	-362.86	-453.39	-3602.94	-55.67	-1162.45	123.35
10714	-17.05	3.96	0.25	-773.40	-469.07	-2986.39	32.58	-1351.28	177.52
10715	-15.88	3.96	0.25	-812.48	-411.48	-2454.84	64.27	-1229.52	166.70
10716	-14.70	3.96	0.25	-769.43	-362.45	-2147.59	76.86	-1130.62	157.60
10717	-13.52	3.96	0.25	-699.14	-319.38	-1947.29	81.68	-1055.57	153.02
10718	-12.35	3.96	0.25	-620.38	-282.00	-1815.51	82.58	-994.59	152.19
10719	-11.17	3.96	0.25	-539.96	-249.37	-1729.59	81.04	-938.19	153.68
10720	-10.00	3.96	0.25	-461.45	-220.81	-1675.09	77.77	-879.84	156.32
10721	-8.82	3.96	0.25	-387.44	-195.83	-1641.23	73.24	-815.51	159.17
10722	-7.64	3.96	0.25	-320.29	-174.11	-1619.32	67.83	-743.13	161.59
10723	-6.47	3.95	0.25	-262.20	-155.40	-1602.17	61.90	-662.27	163.12
10724	-5.29	3.95	0.25	-215.14	-139.49	-1583.97	55.83	-573.76	163.56
10725	-4.12	3.95	0.25	-180.67	-126.24	-1560.29	49.94	-479.37	162.84
10726	-2.94	3.95	0.25	-159.88	-115.51	-1528.08	44.51	-381.47	161.05
10727	-1.76	3.95	0.25	-153.35	-107.16	-1485.67	39.74	-282.68	158.37
10728	-0.59	3.95	0.25	-161.19	-101.12	-1432.61	35.73	-185.64	154.98
10729	-17.96	5.08	0.25	-365.89	-440.47	-3611.20	-71.55	-1155.98	156.79
10730	-16.81	5.08	0.25	-766.11	-469.34	-3013.75	38.06	-1346.78	228.84
10731	-15.65	5.08	0.25	-806.15	-418.16	-2487.54	78.75	-1229.71	217.58
10732	-14.49	5.08	0.25	-764.88	-372.64	-2179.83	95.30	-1130.67	207.20
10733	-13.33	5.07	0.25	-696.34	-331.83	-1978.01	102.00	-1053.95	202.18
10734	-12.17	5.07	0.25	-619.27	-296.02	-1843.81	103.68	-990.96	201.80
10735	-11.01	5.07	0.25	-540.56	-264.54	-1754.84	102.25	-932.83	204.44
10736	-9.85	5.07	0.25	-463.78	-236.84	-1696.88	98.62	-873.32	208.63
10737	-8.69	5.07	0.25	-391.45	-212.48	-1659.45	93.33	-808.51	213.23
10738	-7.53	5.06	0.25	-325.81	-191.16	-1634.13	86.86	-736.37	217.37
10739	-6.37	5.06	0.25	-268.94	-172.64	-1614.04	79.65	-656.37	220.48
10740	-5.22	5.06	0.25	-222.67	-156.78	-1593.56	72.11	-569.19	222.19
10741	-4.06	5.06	0.25	-188.49	-143.43	-1568.39	64.66	-476.42	222.38
10742	-2.90	5.06	0.25	-167.47	-132.50	-1535.51	57.63	-380.20	221.06
10743	-1.74	5.05	0.25	-160.17	-123.90	-1493.19	51.31	-283.01	218.38
10744	-0.58	5.05	0.25	-166.76	-117.55	-1440.92	45.86	-187.33	214.52
10745	-17.64	6.19	0.25	-369.35	-424.02	-3615.76	-86.51	-1145.73	189.94
10746	-16.50	6.18	0.25	-755.95	-468.06	-3042.77	42.59	-1338.70	280.43
10747	-15.36	6.18	0.25	-797.26	-425.23	-2524.02	91.80	-1227.71	269.74
10748	-14.22	6.18	0.25	-758.36	-384.27	-2216.01	112.45	-1128.83	258.25
10749	-13.09	6.18	0.25	-692.20	-346.38	-2012.43	121.11	-1050.28	252.52
10750	-11.95	6.17	0.25	-617.38	-312.62	-1875.32	123.62	-984.95	252.19
10751	-10.81	6.17	0.25	-540.91	-282.68	-1782.60	122.34	-924.77	255.53
10752	-9.67	6.17	0.25	-466.36	-256.19	-1720.35	118.40	-863.89	260.86
10753	-8.53	6.17	0.25	-396.19	-232.76	-1678.39	112.49	-798.55	266.85
10754	-7.40	6.16	0.25	-332.52	-212.13	-1648.72	105.12	-726.74	272.46
10755	-6.26	6.16	0.25	-277.26	-194.08	-1624.74	96.78	-647.84	276.96
10756	-5.12	6.16	0.25	-232.11	-178.47	-1601.15	87.96	-562.39	279.89
10757	-3.98	6.16	0.25	-198.45	-165.22	-1573.80	79.09	-471.75	281.00
10758	-2.84	6.16	0.25	-177.28	-154.24	-1539.77	70.59	-377.84	280.25
10759	-1.71	6.15	0.25	-169.17	-145.48	-1497.31	62.80	-282.90	277.70
10760	-0.57	6.15	0.25	-174.31	-138.90	-1445.79	55.95	-189.23	273.52
10761	-17.25	7.27	0.25	-372.66	-404.01	-3616.65	-100.31	-1132.43	222.71
10762	-16.13	7.26	0.25	-743.03	-464.72	-3073.14	45.44	-1326.61	331.80
10763	-15.02	7.26	0.25	-785.77	-432.63	-2564.26	103.15	-1223.12	323.20
10764	-13.91	7.26	0.25	-750.12	-397.22	-2256.20	128.09	-1124.92	310.81
10765	-12.79	7.26	0.25	-686.98	-362.82	-2050.73	138.70	-1044.48	304.08
10766	-11.68	7.26	0.25	-614.94	-331.55	-1910.34	142.02	-976.62	303.37
10767	-10.57	7.26	0.25	-541.19	-303.56	-1813.29	140.92	-914.20	306.91
10768	-9.46	7.26	0.25	-469.36	-278.64	-1746.00	136.76	-851.81	312.87
10769	-8.34	7.26	0.25	-401.82	-256.49	-1698.72	130.35	-785.90	319.76
10770	-7.23	7.26	0.25	-340.55	-236.86	-1663.82	122.25	-714.49	326.43
10771	-6.12	7.26	0.25	-287.29	-219.57	-1635.12	112.99	-636.91	332.03
10772	-5.01	7.25	0.25	-243.58	-204.50	-1607.62	103.08	-553.53	335.97
10773	-3.89	7.25	0.25	-210.67	-191.58	-1577.43	93.00	-465.48	337.93
10774	-2.78	7.25	0.25	-189.49	-180.77	-1541.74	83.19	-374.44	337.74
10775	-1.67	7.25	0.25	-180.56	-172.02	-1498.82	74.05	-282.38	335.41
10776	-0.56	7.25	0.25	-184.08	-165.31	-1447.96	65.90	-191.38	331.05
10777	-18.60	3.96	-1.25	-1611.05	-878.20	-4412.53	103.85	-2042.86	298.98
10778	-17.40	3.96	-1.25	-1310.18	-590.55	-2771.33	124.88	-1335.42	183.64
10779	-16.20	3.96	-1.25	-1068.83	-475.37	-2318.58	113.37	-1101.40	146.88
10780	-15.00	3.96	-1.25	-890.11	-395.12	-2031.74	104.43	-980.22	130.55
10781	-13.80	3.96	-1.25	-748.56	-335.83	-1842.41	97.37	-906.15	123.82
10782	-12.60	3.96	-1.25	-629.28	-288.84	-1709.58	91.35	-851.30	122.00
10783	-11.40	3.96	-1.25	-524.80	-250.24	-1615.55	85.67	-803.01	122.86
10784	-10.20	3.96	-1.25	-431.47	-217.83	-1548.87	79.92	-754.29	125.05
10785	-9.00	3.96	-1.25	-347.97	-190.32	-1501.10	73.94	-701.25	127.69
10786	-7.80	3.96	-1.25	-274.24	-166.90	-1465.32	67.69	-641.99	130.18
10787	-6.60	3.95	-1.25	-210.96	-147.07	-1435.74	61.27	-576.01	132.12
10788	-5.40	3.95	-1.25	-159.07	-130.46	-1407.52	54.82	-503.87	133.28
10789	-4.20	3.95	-1.25	-119.50	-116.82	-1376.88	48.54	-426.94	133.58
10790	-3.00	3.95	-1.25	-92.98	-105.94	-1341.09	42.58	-347.09	133.01
10791	-1.80	3.95	-1.25	-79.90	-97.68	-1298.53	37.10	-266.47	131.65

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
10792	-0.60	3.95	-1.25	-80.34	-91.92	-1248.63	32.21	-187.31	129.62
10793	-18.34	5.08	-1.25	-1607.50	-888.65	-4436.13	129.53	-2038.65	383.38
10794	-17.16	5.08	-1.25	-1307.88	-607.88	-2802.53	156.45	-1341.39	240.43
10795	-15.97	5.08	-1.25	-1069.14	-492.25	-2345.61	142.64	-1105.71	194.28
10796	-14.79	5.08	-1.25	-891.44	-411.93	-2058.43	131.53	-982.14	174.02
10797	-13.61	5.07	-1.25	-750.60	-352.64	-1868.27	122.76	-905.66	165.98
10798	-12.42	5.07	-1.25	-632.10	-305.79	-1734.15	115.29	-848.71	164.23
10799	-11.24	5.07	-1.25	-528.56	-267.42	-1638.24	108.29	-798.74	165.95
10800	-10.06	5.07	-1.25	-436.34	-235.28	-1569.22	101.25	-748.89	169.45
10801	-8.87	5.07	-1.25	-354.04	-208.03	-1518.84	93.92	-695.30	173.58
10802	-7.69	5.06	-1.25	-281.48	-184.82	-1480.43	86.24	-636.06	177.58
10803	-6.51	5.06	-1.25	-219.21	-165.12	-1448.42	78.31	-570.60	180.91
10804	-5.32	5.06	-1.25	-168.06	-148.54	-1418.18	70.27	-499.38	183.24
10805	-4.14	5.06	-1.25	-128.87	-134.85	-1386.07	62.35	-423.62	184.41
10806	-2.96	5.06	-1.25	-102.31	-123.83	-1349.44	54.76	-345.03	184.36
10807	-1.77	5.05	-1.25	-88.77	-115.36	-1306.67	47.70	-265.62	183.15
10808	-0.59	5.05	-1.25	-88.33	-109.33	-1257.14	41.31	-187.51	180.87
10809	-18.02	6.18	-1.25	-1601.16	-900.32	-4459.94	154.83	-2030.21	469.15
10810	-16.86	6.18	-1.25	-1303.49	-628.48	-2837.60	187.48	-1347.09	299.56
10811	-15.70	6.18	-1.25	-1068.50	-512.74	-2375.55	171.64	-1109.53	243.74
10812	-14.53	6.18	-1.25	-892.46	-432.35	-2087.97	158.40	-983.10	219.06
10813	-13.37	6.18	-1.25	-752.74	-373.02	-1896.85	147.77	-903.72	209.24
10814	-12.21	6.17	-1.25	-635.31	-326.33	-1761.21	138.71	-844.23	207.15
10815	-11.05	6.17	-1.25	-533.02	-288.28	-1663.05	130.29	-792.29	209.34
10816	-9.88	6.17	-1.25	-442.25	-256.54	-1591.16	121.92	-741.11	213.76
10817	-8.72	6.17	-1.25	-361.49	-229.70	-1537.55	113.26	-686.91	219.07
10818	-7.56	6.16	-1.25	-290.45	-206.85	-1495.85	104.23	-627.74	224.31
10819	-6.39	6.16	-1.25	-229.51	-187.42	-1460.76	94.87	-562.99	228.84
10820	-5.23	6.16	-1.25	-179.37	-171.02	-1427.91	85.36	-492.99	232.22
10821	-4.07	6.16	-1.25	-140.75	-157.38	-1393.84	75.93	-418.79	234.21
10822	-2.91	6.16	-1.25	-114.24	-146.32	-1356.01	66.81	-341.94	234.69
10823	-1.74	6.15	-1.25	-100.21	-137.70	-1312.83	58.25	-264.25	233.68
10824	-0.58	6.15	-1.25	-98.75	-131.41	-1263.65	50.44	-187.68	231.23
10825	-17.64	7.27	-1.25	-1591.78	-913.56	-4483.50	179.85	-2018.10	556.39
10826	-16.50	7.26	-1.25	-1297.21	-652.53	-2877.27	217.79	-1352.17	361.38
10827	-15.36	7.26	-1.25	-1067.28	-537.13	-2408.70	200.48	-1112.78	295.44
10828	-14.22	7.26	-1.25	-893.60	-456.50	-2120.46	184.96	-983.00	265.78
10829	-13.09	7.26	-1.25	-755.26	-397.00	-1928.29	172.21	-900.29	253.72
10830	-11.95	7.26	-1.25	-639.16	-350.52	-1790.94	161.40	-837.99	250.82
10831	-10.81	7.26	-1.25	-538.42	-312.87	-1690.20	151.48	-783.85	252.99
10832	-9.67	7.26	-1.25	-449.42	-281.64	-1615.02	141.73	-731.20	257.87
10833	-8.53	7.26	-1.25	-370.53	-255.33	-1557.69	131.77	-676.32	263.91
10834	-7.40	7.26	-1.25	-301.32	-232.99	-1512.15	121.45	-617.29	270.04
10835	-6.26	7.26	-1.25	-242.01	-213.97	-1473.44	110.79	-553.40	275.48
10836	-5.12	7.25	-1.25	-193.13	-197.89	-1437.46	99.94	-484.88	279.71
10837	-3.98	7.25	-1.25	-155.26	-184.46	-1400.98	89.13	-412.61	282.40
10838	-2.84	7.25	-1.25	-128.92	-173.47	-1361.60	78.63	-337.92	283.37
10839	-1.71	7.25	-1.25	-114.41	-164.79	-1317.80	68.70	-262.43	282.55
10840	-0.57	7.25	-1.25	-111.82	-158.30	-1268.91	59.56	-187.88	279.99
10841	16.50	8.10	1.75	-2034.36	-518.58	-1720.26	66.25	598.27	109.22
10842	16.21	8.70	1.75	-2329.59	-649.45	-1778.53	494.94	577.43	-118.75
10843	15.43	8.10	1.75	-1733.23	-474.15	-1670.05	157.19	380.70	0.88
10844	15.16	8.70	1.75	-1692.83	-380.60	-1649.14	357.69	398.75	-5.43
10845	14.37	8.10	1.75	-1529.79	-304.97	-1426.34	189.08	348.72	73.55
10846	14.12	8.70	1.75	-1421.59	-264.04	-1402.57	305.35	391.91	109.15
10847	13.30	8.10	1.75	-1341.64	-242.69	-1210.73	190.91	390.16	141.87
10848	13.07	8.70	1.75	-1233.95	-238.65	-1210.11	253.00	426.26	172.75
10849	12.24	8.10	1.75	-1169.94	-219.62	-1081.77	170.74	429.14	187.29
10850	12.02	8.70	1.75	-1082.32	-226.52	-1095.70	204.71	450.69	213.79
10851	11.18	8.10	1.75	-1020.22	-206.15	-1020.93	145.39	447.29	221.28
10852	10.98	8.70	1.75	-951.74	-216.33	-1041.29	165.40	457.12	246.01
10853	10.11	8.10	1.75	-890.14	-195.82	-1007.32	122.09	446.86	250.23
10854	9.93	8.70	1.75	-837.47	-207.66	-1029.46	134.47	449.01	275.05
10855	9.05	8.10	1.75	-775.97	-187.42	-1027.22	102.47	431.49	276.33
10856	8.89	8.70	1.75	-735.90	-200.54	-1048.77	110.36	428.49	301.72
10857	7.98	8.10	1.75	-674.71	-180.22	-1071.31	86.90	403.26	300.39
10858	7.84	8.70	1.75	-644.45	-194.09	-1090.81	92.33	396.81	326.78
10859	6.92	8.10	1.75	-584.28	-174.13	-1132.65	75.29	363.30	322.74
10860	6.80	8.70	1.75	-561.88	-188.73	-1149.27	79.30	354.70	350.33
10861	5.85	8.10	1.75	-503.60	-169.28	-1205.66	67.23	312.22	343.42
10862	5.75	8.70	1.75	-487.61	-184.52	-1218.94	70.51	302.46	372.25
10863	4.79	8.10	1.75	-432.25	-165.77	-1285.57	62.32	250.48	362.38
10864	4.71	8.70	1.75	-421.59	-181.56	-1295.32	65.33	240.38	392.44
10865	3.73	8.10	1.75	-370.28	-163.69	-1368.20	60.22	178.62	379.56
10866	3.66	8.70	1.75	-364.07	-179.95	-1374.46	63.29	168.91	410.75
10867	2.66	8.10	1.75	-318.04	-163.15	-1449.89	60.60	97.44	394.88
10868	2.61	8.70	1.75	-315.53	-179.79	-1452.91	63.98	88.73	427.04
10869	1.60	8.10	1.75	-276.03	-164.23	-1527.48	63.21	7.99	408.22
10870	1.57	8.70	1.75	-276.57	-181.14	-1527.68	67.07	0.85	441.15
10871	0.53	8.10	1.75	-244.84	-167.00	-1598.37	67.82	-88.34	419.43
10872	0.52	8.70	1.75	-247.80	-184.07	-1596.35	72.24	-93.43	452.88
10873	16.90	8.10	0.25	-1434.31	-401.95	-1579.78	-44.02	828.18	69.01
10874	16.61	8.70	0.25	-1700.53	-511.21	-1708.23	336.82	725.91	-127.13
10875	15.81	8.10	0.25	-1232.94	-447.21	-1584.94	70.04	567.66	6.77
10876	15.54	8.70	0.25	-1268.51	-388.05	-1603.05	216.62	538.06	16.08
10877	14.72	8.10	0.25	-1145.89	-340.45	-1406.71	108.32	415.85	85.61
10878	14.47	8.70	0.25	-1121.71	-315.49	-1395.60	186.97	436.01	125.21
10879	13.63	8.10	0.25	-1066.02	-287.82	-1216.58	118.99	356.99	145.80
10880	13.40	8.70	0.25	-1022.61	-287.68	-1207.68	161.12	386.48	180.22
10881	12.54	8.10	0.25	-974.08	-258.36	-1072.53	112.19	341.71	184.75
10882	12.33	8.70	0.25	-929.09	-266.86	-1074.21	136.51	366.88	214.37
10883	11.45	8.10	0.25	-874.56	-238.10	-985.29	99.74	338.81	212.93
10884	11.26	8.70	0.25	-833.98	-250.24	-995.12	114.73	355.79	239.21
10885	10.36	8.10	0.25	-774.71	-222.95	-945.44	86.65	333.78	235.83
10886	10.18	8.70	0.25	-740.88	-236.88	-959.67	96.22	343.49	260.80
10887	9.27	8.10	0.25	-679.14	-211.14	-941.48	74.81	321.35	256.05
10888	9.11	8.70	0.25	-652.39	-226.23	-957.42	81.15	325.35	280.53
10889	8.18	8.10	0.25	-590.09	-201.60	-964.02	65.17	299.67	274.62
10890	8.04	8.70	0.25	-569.77	-217.38	-979.79	69.71	299.44	299.28

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
10891	7.09	8.10	0.25	-508.54	-193.90	-1005.71	58.13	268.26	291.98
10892	6.97	8.70	0.25	-493.90	-210.27	-1020.14	61.67	265.11	317.19
10893	6.00	8.10	0.25	-435.06	-187.93	-1060.74	53.70	227.12	308.15
10894	5.90	8.70	0.25	-425.38	-204.84	-1073.10	56.78	222.13	334.08
10895	4.91	8.10	0.25	-370.15	-183.67	-1124.28	51.76	176.50	323.07
10896	4.82	8.70	0.25	-364.75	-201.04	-1134.20	54.75	170.55	349.76
10897	3.82	8.10	0.25	-314.31	-181.13	-1192.29	52.18	116.87	336.60
10898	3.75	8.70	0.25	-312.59	-198.91	-1199.65	55.33	110.74	364.05
10899	2.73	8.10	0.25	-268.11	-180.35	-1261.30	54.75	48.96	348.62
10900	2.68	8.70	0.25	-269.52	-198.47	-1266.23	58.26	43.29	376.74
10901	1.64	8.10	0.25	-232.16	-181.38	-1328.44	59.29	-26.24	358.99
10902	1.61	8.70	0.25	-236.13	-199.78	-1331.25	63.28	-30.90	387.65
10903	0.55	8.10	0.25	-207.03	-184.29	-1391.43	65.60	-107.48	367.54
10904	0.54	8.70	0.25	-213.02	-202.86	-1392.61	70.13	-110.68	396.61
10905	17.30	8.10	-1.25	-1228.25	-406.27	-1443.36	14.32	964.08	45.77
10906	17.02	8.70	-1.25	-1357.82	-472.74	-1598.52	147.75	910.67	-48.86
10907	16.18	8.10	-1.25	-1007.47	-425.09	-1365.05	34.62	653.40	-2.93
10908	15.92	8.70	-1.25	-1046.91	-422.74	-1418.53	75.53	630.86	16.10
10909	15.07	8.10	-1.25	-888.03	-353.58	-1252.71	34.81	460.65	59.84
10910	14.83	8.70	-1.25	-903.27	-349.26	-1253.59	63.72	462.21	92.48
10911	13.95	8.10	-1.25	-810.23	-303.15	-1125.27	44.84	347.99	113.89
10912	13.73	8.70	-1.25	-807.91	-309.67	-1118.67	62.56	360.74	142.44
10913	12.83	8.10	-1.25	-741.03	-269.54	-1013.63	48.23	288.97	152.42
10914	12.63	8.70	-1.25	-730.05	-280.55	-1010.17	59.63	304.98	178.10
10915	11.72	8.10	-1.25	-669.85	-245.10	-932.25	47.06	259.86	180.94
10916	11.53	8.70	-1.25	-655.41	-258.61	-934.88	54.75	273.76	204.06
10917	10.60	8.10	-1.25	-595.80	-226.61	-884.62	43.79	243.06	203.26
10918	10.43	8.70	-1.25	-581.34	-241.37	-892.10	49.13	253.16	225.16
10919	9.49	8.10	-1.25	-521.34	-212.25	-867.20	40.00	228.15	221.86
10920	9.33	8.70	-1.25	-508.93	-227.88	-877.69	43.78	234.30	243.16
10921	8.37	8.10	-1.25	-449.13	-200.85	-874.44	36.74	209.59	238.08
10922	8.24	8.70	-1.25	-439.63	-217.03	-886.22	39.64	212.28	259.34
10923	7.25	8.10	-1.25	-381.21	-191.76	-900.71	34.71	184.73	252.67
10924	7.14	8.70	-1.25	-374.90	-208.41	-912.47	37.17	184.77	274.24
10925	6.14	8.10	-1.25	-319.08	-184.71	-940.97	34.26	152.42	265.93
10926	6.04	8.70	-1.25	-315.95	-201.78	-951.84	36.59	150.61	287.97
10927	5.02	8.10	-1.25	-263.94	-179.56	-990.84	35.54	112.32	277.91
10928	4.94	8.70	-1.25	-263.80	-197.03	-1000.29	37.98	109.41	300.50
10929	3.91	8.10	-1.25	-216.77	-176.26	-1046.57	38.57	64.57	288.58
10930	3.84	8.70	-1.25	-219.34	-194.09	-1054.34	41.30	61.22	311.70
10931	2.79	8.10	-1.25	-178.46	-174.84	-1104.97	43.31	9.70	297.85
10932	2.75	8.70	-1.25	-183.39	-192.99	-1111.04	46.46	6.50	321.47
10933	1.67	8.10	-1.25	-149.77	-175.33	-1163.40	49.66	-51.47	305.64
10934	1.65	8.70	-1.25	-156.68	-193.73	-1167.97	53.32	-54.04	329.66
10935	0.56	8.10	-1.25	-131.36	-177.81	-1219.81	57.49	-117.86	311.84
10936	0.55	8.70	-1.25	-139.84	-196.41	-1223.24	61.73	-119.41	336.17
10937	-0.53	8.10	1.75	-225.00	-171.47	-1660.60	74.16	-189.81	428.33
10938	-0.52	8.70	1.75	-229.83	-188.60	-1657.15	79.20	-192.47	462.04
10939	-1.60	8.10	1.75	-216.86	-177.60	-1712.98	81.98	-294.42	434.68
10940	-1.57	8.70	1.75	-222.88	-194.63	-1708.98	87.64	-294.37	468.42
10941	-2.66	8.10	1.75	-220.51	-185.32	-1755.19	90.94	-399.87	438.21
10942	-2.61	8.70	1.75	-227.09	-202.11	-1751.65	97.15	-396.99	471.77
10943	-3.73	8.10	1.75	-235.70	-194.54	-1787.95	100.56	-503.80	438.70
10944	-3.66	8.70	1.75	-242.19	-210.91	-1785.92	107.22	-498.11	471.91
10945	-4.79	8.10	1.75	-261.68	-205.10	-1813.12	110.28	-603.84	436.04
10946	-4.71	8.70	1.75	-267.44	-220.87	-1813.61	117.25	-595.59	468.77
10947	-5.85	8.10	1.75	-297.13	-216.83	-1833.75	119.38	-697.86	430.25
10948	-5.75	8.70	1.75	-301.61	-231.78	-1837.69	126.53	-687.46	462.44
10949	-6.92	8.10	1.75	-340.19	-229.49	-1854.13	127.07	-784.19	421.54
10950	-6.80	8.70	1.75	-342.91	-243.38	-1862.20	134.23	-772.22	453.18
10951	-7.98	8.10	1.75	-388.39	-242.83	-1879.73	132.44	-861.78	410.32
10952	-7.84	8.70	1.75	-389.03	-255.40	-1892.33	139.45	-848.89	441.41
10953	-9.05	8.10	1.75	-438.64	-256.50	-1917.19	134.48	-930.28	397.17
10954	-8.89	8.70	1.75	-437.00	-267.45	-1934.37	141.14	-917.14	427.72
10955	-10.11	8.10	1.75	-487.07	-270.01	-1974.41	131.98	-990.05	382.69
10956	-9.93	8.70	1.75	-483.14	-278.99	-1995.82	138.09	-977.16	412.66
10957	-11.18	8.10	1.75	-528.69	-282.67	-2060.66	123.50	-1041.81	367.33
10958	-10.98	8.70	1.75	-522.57	-289.18	-2085.42	128.73	-1029.44	396.42
10959	-12.24	8.10	1.75	-556.46	-293.29	-2186.94	106.87	-1085.52	351.00
10960	-12.02	8.70	1.75	-548.75	-296.98	-2213.39	111.00	-1073.90	378.93
10961	-13.30	8.10	1.75	-559.70	-299.23	-2365.74	78.89	-1117.53	331.46
10962	-13.07	8.70	1.75	-551.11	-299.64	-2391.32	81.60	-1106.14	357.87
10963	-14.37	8.10	1.75	-522.68	-296.40	-2608.10	35.65	-1124.63	301.55
10964	-14.12	8.70	1.75	-514.05	-292.51	-2628.76	36.13	-1112.43	325.12
10965	-15.43	8.10	1.75	-424.84	-276.41	-2885.95	-24.04	-1064.68	242.58
10966	-15.16	8.70	1.75	-420.64	-267.61	-2895.12	-26.19	-1052.46	260.86
10967	-16.50	8.10	1.75	-343.21	-263.19	-3151.68	-64.59	-938.46	158.64
10968	-16.21	8.70	1.75	-349.20	-253.46	-3147.27	-66.55	-933.06	171.56
10969	-0.55	8.10	0.25	-193.21	-189.12	-1448.62	73.44	-193.23	374.16
10970	-0.54	8.70	0.25	-200.76	-207.76	-1448.81	78.56	-194.63	403.45
10971	-1.64	8.10	0.25	-191.02	-195.85	-1499.04	82.53	-281.75	378.65
10972	-1.61	8.70	0.25	-199.51	-214.43	-1498.95	88.28	-281.12	408.03
10973	-2.73	8.10	0.25	-200.56	-204.49	-1542.52	92.61	-371.19	380.86
10974	-2.68	8.70	0.25	-209.45	-222.93	-1542.93	98.96	-368.43	410.22
10975	-3.82	8.10	0.25	-221.67	-215.06	-1579.80	103.31	-459.66	380.73
10976	-3.75	8.70	0.25	-230.42	-233.26	-1581.52	110.21	-454.85	409.99
10977	-4.91	8.10	0.25	-253.83	-227.59	-1612.57	114.21	-545.40	378.32
10978	-4.82	8.70	0.25	-261.94	-245.43	-1616.36	121.60	-538.79	407.45
10979	-6.00	8.10	0.25	-296.21	-242.09	-1643.53	124.83	-626.96	373.86
10980	-5.90	8.70	0.25	-303.23	-259.45	-1650.04	132.66	-618.93	402.85
10981	-7.09	8.10	0.25	-347.67	-258.64	-1676.35	134.69	-703.38	367.76
10982	-6.97	8.70	0.25	-353.24	-275.37	-1686.08	142.87	-694.43	396.68
10983	-8.18	8.10	0.25	-406.80	-277.33	-1715.77	143.26	-774.42	360.67
10984	-8.04	8.70	0.25	-410.67	-293.28	-1728.98	151.73	-765.15	389.62
10985	-9.27	8.10	0.25	-472.01	-298.31	-1767.64	149.98	-840.78	353.54
10986	-9.11	8.70	0.25	-474.00	-313.31	-1784.36	158.64	-831.82	382.66
10987	-10.36	8.10	0.25	-541.43	-321.78	-1839.24	154.26	-904.36	347.55
10988	-10.18	8.70	0.25	-541.48	-335.58	-1859.28	162.97	-896.23	377.04
10989	-11.45	8.10	0.25	-612.75	-348.03	-1940.00	155.22	-968.56	344.28



Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
10990	-11.26	8.70	0.25	-610.85	-360.34	-1962.94	163.83	-961.61	374.22
10991	-12.54	8.10	0.25	-682.34	-377.12	-2083.13	151.31	-1038.41	345.61
10992	-12.33	8.70	0.25	-678.50	-387.58	-2108.15	159.51	-1032.85	376.19
10993	-13.63	8.10	0.25	-742.79	-408.47	-2290.03	139.25	-1120.28	353.31
10994	-13.40	8.70	0.25	-737.05	-416.51	-2315.95	146.62	-1115.51	384.67
10995	-14.72	8.10	0.25	-775.47	-439.30	-2598.10	111.12	-1217.82	366.69
10996	-14.47	8.70	0.25	-767.43	-443.61	-2623.35	116.62	-1212.48	398.55
10997	-15.81	8.10	0.25	-730.42	-461.57	-3097.91	45.83	-1313.87	372.02
10998	-15.54	8.70	0.25	-720.62	-459.87	-3117.33	47.51	-1303.71	403.79
10999	-16.90	8.10	0.25	-374.98	-383.02	-3614.52	-111.47	-1119.22	245.32
11000	-16.61	8.70	0.25	-372.54	-364.98	-3610.57	-121.67	-1103.66	258.85
11001	-0.56	8.10	-1.25	-123.75	-182.38	-1272.78	66.59	-188.15	316.36
11002	-0.55	8.70	-1.25	-133.45	-201.16	-1275.67	71.48	-188.43	340.99
11003	-1.67	8.10	-1.25	-127.28	-189.01	-1321.50	76.69	-260.82	319.07
11004	-1.65	8.70	-1.25	-137.67	-207.90	-1324.43	82.23	-259.54	343.92
11005	-2.79	8.10	-1.25	-142.15	-197.71	-1365.90	87.60	-334.29	319.81
11006	-2.75	8.70	-1.25	-152.78	-216.58	-1369.37	93.79	-331.38	344.70
11007	-3.91	8.10	-1.25	-168.29	-208.59	-1406.65	99.09	-407.03	318.60
11008	-3.84	8.70	-1.25	-178.71	-227.37	-1411.19	105.92	-402.57	343.41
11009	-5.02	8.10	-1.25	-205.45	-221.82	-1445.23	110.87	-477.59	315.54
11010	-4.94	8.70	-1.25	-215.26	-240.43	-1451.35	118.34	-471.76	340.23
11011	-6.14	8.10	-1.25	-253.20	-237.61	-1483.90	122.68	-544.79	310.88
11012	-6.04	8.70	-1.25	-262.09	-256.00	-1492.02	130.79	-537.92	335.44
11013	-7.25	8.10	-1.25	-311.06	-256.26	-1525.70	134.31	-607.90	305.01
11014	-7.14	8.70	-1.25	-318.78	-274.37	-1536.10	143.06	-600.39	329.49
11015	-8.37	8.10	-1.25	-378.64	-278.20	-1574.47	145.60	-666.79	298.55
11016	-8.24	8.70	-1.25	-385.06	-296.00	-1587.26	155.03	-659.14	323.03
11017	-9.49	8.10	-1.25	-455.87	-304.06	-1634.93	156.56	-722.20	292.33
11018	-9.33	8.70	-1.25	-460.94	-321.56	-1650.02	166.71	-714.93	316.95
11019	-10.60	8.10	-1.25	-543.33	-334.90	-1712.88	167.45	-776.05	287.52
11020	-10.43	8.70	-1.25	-547.10	-352.01	-1730.00	178.34	-769.63	312.50
11021	-11.72	8.10	-1.25	-642.64	-372.32	-1815.82	178.63	-832.00	285.81
11022	-11.53	8.70	-1.25	-645.34	-389.29	-1834.64	190.57	-826.86	311.38
11023	-12.83	8.10	-1.25	-757.53	-418.69	-1954.59	190.84	-896.55	289.71
11024	-12.63	8.70	-1.25	-758.97	-435.45	-1974.49	203.75	-893.03	316.37
11025	-13.95	8.10	-1.25	-894.77	-478.45	-2147.63	205.46	-981.98	303.86
11026	-13.73	8.70	-1.25	-895.16	-495.22	-2168.02	219.48	-980.10	331.95
11027	-15.07	8.10	-1.25	-1066.61	-559.88	-2436.26	223.29	-1114.56	337.82
11028	-14.83	8.70	-1.25	-1066.36	-576.72	-2456.91	238.98	-1114.82	369.24
11029	-16.18	8.10	-1.25	-1291.64	-675.84	-2911.89	241.69	-1355.91	412.75
11030	-15.92	8.70	-1.25	-1288.13	-693.43	-2936.01	259.70	-1356.90	450.15
11031	-17.30	8.10	-1.25	-1582.46	-926.66	-4504.42	199.30	-2006.24	626.11
11032	-17.02	8.70	-1.25	-1574.30	-935.33	-4526.75	214.24	-1997.40	679.66
11033	10.98	9.45	1.75	-883.79	-236.02	-1079.41	190.54	470.29	266.47
11034	11.95	9.41	1.75	-985.81	-245.63	-1131.44	238.51	474.13	234.18
11035	12.92	9.36	1.75	-1100.36	-256.85	-1230.87	301.30	465.20	196.46
11036	11.17	10.34	1.75	-801.23	-265.14	-1141.09	218.75	489.53	279.95
11037	12.02	10.22	1.75	-868.88	-274.56	-1190.98	268.13	500.54	245.66
11038	12.86	10.08	1.75	-940.26	-289.20	-1272.35	332.28	504.22	207.23
11039	11.35	11.25	1.75	-698.70	-288.92	-1218.38	230.31	508.06	283.95
11040	12.07	11.03	1.75	-737.46	-296.57	-1258.59	274.05	522.81	247.82
11041	12.78	10.80	1.75	-780.60	-313.93	-1318.30	324.97	532.69	206.88
11042	0.53	9.82	1.75	-256.96	-218.33	-1593.04	79.71	-101.94	511.46
11043	1.60	9.80	1.75	-282.75	-214.58	-1524.56	73.11	-7.27	497.28
11044	2.66	9.78	1.75	-318.33	-212.08	-1451.17	69.02	81.02	479.91
11045	3.72	9.76	1.75	-362.94	-210.87	-1375.30	67.84	161.69	459.72
11046	4.77	9.73	1.75	-415.80	-210.91	-1299.88	70.01	233.85	437.08
11047	5.82	9.69	1.75	-476.20	-212.18	-1228.31	76.02	296.99	412.33
11048	6.87	9.65	1.75	-543.65	-214.63	-1164.35	86.45	350.84	385.80
11049	7.91	9.61	1.75	-617.92	-218.25	-1112.24	102.02	395.34	357.80
11050	8.94	9.55	1.75	-699.25	-223.05	-1076.78	123.68	430.42	328.58
11051	9.98	9.50	1.75	-788.37	-229.13	-1063.67	152.68	455.75	298.39
11052	0.56	11.45	1.75	-274.64	-270.30	-1595.04	88.91	-114.11	585.88
11053	1.68	11.41	1.75	-296.21	-265.10	-1524.82	80.45	-17.11	568.17
11054	2.79	11.36	1.75	-327.20	-260.54	-1451.84	75.03	73.31	545.99
11055	3.89	11.29	1.75	-366.57	-256.77	-1378.54	73.27	156.01	519.96
11056	4.98	11.20	1.75	-413.22	-253.91	-1307.82	75.72	230.23	490.74
11057	6.06	11.09	1.75	-466.13	-252.09	-1242.93	82.98	295.65	458.95
11058	7.12	10.97	1.75	-524.46	-251.47	-1187.44	95.67	352.24	425.19
11059	8.17	10.83	1.75	-587.65	-252.25	-1145.20	114.61	400.11	389.94
11060	9.21	10.67	1.75	-655.60	-254.67	-1120.43	140.90	439.41	353.59
11061	10.24	10.50	1.75	-728.98	-259.21	-1118.02	176.03	469.92	316.36
11062	0.59	13.09	1.75	-299.14	-315.98	-1624.89	95.56	-129.86	648.53
11063	1.76	13.03	1.75	-315.48	-309.64	-1552.31	85.97	-31.99	628.05
11064	2.91	12.95	1.75	-340.32	-303.01	-1479.69	79.62	59.70	601.99
11065	4.05	12.83	1.75	-372.45	-296.43	-1409.20	77.31	144.15	571.15
11066	5.17	12.68	1.75	-410.54	-290.27	-1343.44	79.71	220.72	536.33
11067	6.27	12.51	1.75	-453.31	-284.93	-1285.29	87.44	289.15	498.31
11068	7.35	12.30	1.75	-499.55	-280.87	-1237.89	101.16	349.47	457.78
11069	8.42	12.06	1.75	-548.26	-278.60	-1204.51	121.61	401.83	415.26
11070	9.46	11.80	1.75	-598.72	-278.88	-1188.64	149.87	446.38	371.07
11071	10.49	11.51	1.75	-650.71	-282.72	-1193.92	187.63	483.23	325.47
11072	0.61	14.73	1.75	-330.95	-339.10	-1712.12	98.61	-150.05	702.21
11073	1.81	14.66	1.75	-341.76	-332.48	-1634.97	89.70	-52.53	679.34
11074	3.00	14.55	1.75	-359.51	-324.38	-1560.59	83.79	39.63	649.86
11075	4.18	14.39	1.75	-383.00	-315.37	-1490.69	81.81	125.44	614.56
11076	5.33	14.19	1.75	-410.86	-306.14	-1427.40	84.51	204.25	574.28
11077	6.46	13.94	1.75	-441.63	-297.39	-1373.05	92.51	275.72	529.84
11078	7.56	13.65	1.75	-473.89	-289.91	-1330.14	106.32	339.71	481.92
11079	8.64	13.32	1.75	-506.30	-284.58	-1301.21	126.47	396.15	430.99
11080	9.69	12.95	1.75	-537.66	-282.50	-1288.79	153.60	445.04	377.29
11081	10.72	12.54	1.75	-566.99	-285.41	-1295.47	188.59	486.38	320.53
11082	0.62	16.37	1.75	-362.66	-297.28	-1878.02	95.04	-175.35	719.73
11083	1.86	16.30	1.75	-368.61	-293.10	-1792.92	90.98	-81.07	696.04
11084	3.08	16.16	1.75	-379.11	-286.58	-1712.12	89.09	9.10	664.33
11085	4.28	15.96	1.75	-393.22	-278.58	-1637.05	90.33	94.14	625.45
11086	5.46	15.70	1.75	-409.77	-270.01	-1569.41	95.40	173.23	580.32
11087	6.61	15.39	1.75	-427.46	-261.81	-1511.04	104.79	245.76	529.82
11088	7.74	15.02	1.75	-444.98	-254.98	-1463.84	118.80	311.34	474.77

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
11089	8.84	14.59	1.75	-461.13	-250.60	-1429.65	137.55	369.67	415.87
11090	9.90	14.11	1.75	-475.00	-249.89	-1410.27	161.10	420.50	353.57
11091	10.93	13.57	1.75	-485.91	-254.06	-1407.30	189.43	463.84	287.94
11092	0.63	18.02	1.75	-385.98	-205.47	-2084.60	78.98	-202.20	636.61
11093	1.88	17.94	1.75	-389.01	-205.25	-1990.48	82.62	-118.55	617.05
11094	3.13	17.78	1.75	-393.98	-203.83	-1899.94	87.38	-36.64	589.00
11095	4.35	17.54	1.75	-400.33	-201.87	-1814.57	93.87	42.33	553.38
11096	5.56	17.23	1.75	-407.37	-200.08	-1736.08	102.50	117.41	511.04
11097	6.74	16.85	1.75	-414.32	-199.16	-1666.25	113.47	187.89	462.86
11098	7.89	16.40	1.75	-420.47	-199.88	-1606.85	126.76	253.26	409.79
11099	9.01	15.87	1.75	-425.21	-203.00	-1559.61	142.25	313.23	352.76
11100	10.09	15.28	1.75	-428.27	-209.30	-1526.13	159.74	367.70	292.61
11101	11.12	14.62	1.75	-430.15	-219.67	-1508.19	179.06	416.67	229.75
11102	15.78	9.51	1.75	-1568.09	-795.45	-1779.08	938.14	610.75	-179.52
11103	15.19	10.51	1.75	-571.20	-487.65	-1638.72	444.78	638.55	-122.09
11104	14.55	11.47	1.75	-488.61	-356.02	-1590.39	303.31	592.16	-38.22
11105	14.83	9.44	1.75	-1336.87	-337.20	-1591.14	545.42	465.90	35.80
11106	14.42	10.31	1.75	-881.47	-401.30	-1538.85	506.73	543.59	61.25
11107	13.98	11.15	1.75	-594.93	-358.58	-1499.43	369.60	568.11	71.26
11108	13.88	9.37	1.75	-1216.81	-281.84	-1390.97	393.59	454.36	139.72
11109	13.66	10.11	1.75	-969.28	-319.69	-1395.60	414.26	513.75	153.83
11110	13.41	10.83	1.75	-746.36	-338.77	-1405.75	372.97	546.93	155.72
11111	12.09	13.92	1.75	-432.24	-236.25	-1505.30	199.44	460.59	168.38
11112	11.83	13.02	1.75	-494.83	-265.42	-1416.75	219.99	498.07	227.55
11113	11.57	12.14	1.75	-591.07	-293.38	-1315.40	225.51	515.71	270.52
11114	12.97	13.16	1.75	-435.82	-259.11	-1518.08	222.45	502.82	105.15
11115	12.62	12.46	1.75	-505.85	-283.61	-1437.46	254.00	525.52	170.69
11116	12.27	11.78	1.75	-614.91	-305.46	-1345.50	263.88	534.82	226.24
11117	13.80	12.36	1.75	-440.93	-292.13	-1548.22	252.73	545.19	37.18
11118	13.37	11.87	1.75	-523.33	-312.96	-1472.35	297.85	549.37	111.46
11119	12.94	11.39	1.75	-642.06	-319.45	-1387.43	314.30	549.48	178.99
11120	11.26	9.46	0.25	-796.02	-274.25	-1025.95	132.97	383.75	264.78
11121	12.26	9.42	0.25	-876.77	-288.46	-1099.51	161.53	404.75	241.56
11122	13.26	9.37	0.25	-956.25	-305.56	-1219.31	197.43	432.45	212.01
11123	11.47	10.39	0.25	-752.23	-312.46	-1084.22	151.33	428.76	288.98
11124	12.34	10.26	0.25	-810.60	-323.87	-1153.02	182.30	458.41	264.76
11125	13.20	10.12	0.25	-865.72	-338.81	-1255.10	222.21	493.11	235.71
11126	11.66	11.33	0.25	-696.54	-349.23	-1163.56	156.73	481.33	308.88
11127	12.39	11.10	0.25	-733.98	-356.19	-1222.49	185.77	514.21	281.82
11128	13.12	10.86	0.25	-770.01	-368.38	-1303.68	220.44	549.86	250.08
11129	0.55	9.85	0.25	-228.91	-241.57	-1397.18	78.24	-116.13	450.20
11130	1.64	9.83	0.25	-249.34	-237.54	-1335.30	69.76	-35.45	439.13
11131	2.73	9.81	0.25	-279.79	-235.08	-1270.86	63.49	39.72	425.51
11132	3.82	9.79	0.25	-319.58	-234.19	-1205.94	59.77	108.32	409.66
11133	4.90	9.76	0.25	-367.95	-234.89	-1143.14	58.91	169.62	391.94
11134	5.97	9.72	0.25	-424.18	-237.17	-1085.58	61.23	223.21	372.71
11135	7.05	9.68	0.25	-487.54	-241.06	-1036.86	67.06	268.98	352.35
11136	8.11	9.63	0.25	-557.41	-246.62	-1001.15	76.76	307.14	331.24
11137	9.18	9.57	0.25	-633.13	-253.96	-983.38	90.71	338.20	309.72
11138	10.23	9.51	0.25	-713.88	-263.24	-989.58	109.27	363.18	288.10
11139	0.58	11.54	0.25	-258.14	-305.04	-1411.36	89.05	-124.16	521.95
11140	1.73	11.51	0.25	-274.62	-299.18	-1346.87	78.08	-40.38	507.70
11141	2.87	11.45	0.25	-301.05	-294.48	-1281.83	69.81	37.82	489.97
11142	4.00	11.37	0.25	-336.51	-291.04	-1218.28	64.73	109.52	469.30
11143	5.12	11.28	0.25	-380.00	-288.96	-1158.78	63.25	174.21	446.26
11144	6.22	11.17	0.25	-430.53	-288.35	-1106.33	65.76	231.75	421.45
11145	7.31	11.04	0.25	-487.19	-289.36	-1064.32	72.61	282.34	395.47
11146	8.39	10.89	0.25	-549.12	-292.16	-1036.61	84.23	326.49	368.88
11147	9.46	10.73	0.25	-615.51	-296.93	-1027.67	101.12	365.04	342.14
11148	10.51	10.55	0.25	-685.70	-303.90	-1042.90	123.86	399.20	315.42
11149	0.60	13.25	0.25	-298.05	-373.02	-1454.26	98.62	-136.44	591.04
11150	1.81	13.19	0.25	-309.60	-365.17	-1386.46	85.26	-50.05	573.82
11151	2.99	13.10	0.25	-330.64	-357.82	-1320.52	74.83	31.19	552.46
11152	4.16	12.98	0.25	-360.09	-351.20	-1258.31	67.97	106.56	527.57
11153	5.31	12.82	0.25	-396.80	-345.55	-1202.14	65.18	175.77	499.83
11154	6.44	12.64	0.25	-439.56	-341.17	-1154.74	66.89	238.88	469.95
11155	7.56	12.42	0.25	-487.22	-338.38	-1119.22	73.50	296.30	438.58
11156	8.65	12.18	0.25	-538.60	-337.50	-1099.05	85.47	348.75	406.28
11157	9.72	11.90	0.25	-592.53	-338.98	-1098.19	103.37	397.20	373.36
11158	10.77	11.60	0.25	-647.72	-343.28	-1121.12	128.20	443.06	339.94
11159	0.62	14.95	0.25	-350.49	-437.99	-1546.90	106.79	-155.27	667.61
11160	1.87	14.88	0.25	-356.68	-428.13	-1474.12	91.81	-65.94	647.06
11161	3.09	14.76	0.25	-371.48	-417.78	-1405.98	79.72	18.99	621.97
11162	4.30	14.59	0.25	-393.82	-407.30	-1344.09	71.27	99.05	592.88
11163	5.48	14.38	0.25	-422.43	-397.11	-1290.41	67.05	174.13	560.40
11164	6.64	14.12	0.25	-455.99	-387.70	-1247.33	67.58	244.39	525.13
11165	7.77	13.82	0.25	-493.07	-379.55	-1217.59	73.28	310.27	487.58
11166	8.88	13.48	0.25	-532.16	-373.18	-1204.25	84.60	372.38	448.06
11167	9.96	13.09	0.25	-571.58	-369.15	-1210.71	102.07	431.51	406.54
11168	11.01	12.67	0.25	-609.42	-368.47	-1240.61	126.31	488.64	362.27
11169	0.64	16.65	0.25	-424.92	-480.71	-1787.75	112.74	-186.37	786.70
11170	1.91	16.57	0.25	-425.35	-469.45	-1703.66	99.09	-91.44	760.57
11171	3.17	16.43	0.25	-432.77	-456.08	-1627.15	87.94	-0.19	728.89
11172	4.40	16.22	0.25	-446.18	-441.15	-1559.37	80.15	87.12	692.00
11173	5.62	15.96	0.25	-464.38	-425.43	-1501.92	76.53	170.29	650.42
11174	6.80	15.63	0.25	-485.94	-409.64	-1456.72	77.70	249.31	604.61
11175	7.96	15.24	0.25	-509.25	-394.58	-1425.93	84.11	324.26	554.89
11176	9.09	14.80	0.25	-532.46	-381.02	-1411.86	96.13	395.24	501.35
11177	10.18	14.30	0.25	-553.41	-369.72	-1416.81	114.10	462.10	443.64
11178	11.23	13.74	0.25	-569.91	-361.43	-1443.07	138.20	524.92	380.90
11179	0.65	18.36	0.25	-476.30	-279.08	-2197.52	99.16	-230.77	759.83
11180	1.94	18.28	0.25	-473.26	-277.25	-2094.34	102.87	-140.07	735.28
11181	3.22	18.11	0.25	-472.68	-272.88	-1998.05	107.28	-50.96	702.27
11182	4.48	17.87	0.25	-474.12	-267.17	-1910.06	113.37	35.56	661.67
11183	5.72	17.54	0.25	-476.72	-260.83	-1832.00	121.83	118.78	614.05
11184	6.94	17.15	0.25	-479.39	-254.64	-1765.56	133.10	198.06	559.99
11185	8.12	16.67	0.25	-480.81	-249.41	-1712.48	147.42	272.82	499.99
11186	9.27	16.13	0.25	-479.52	-245.95	-1674.36	164.80	342.48	434.48
11187	10.38	15.51	0.25	-474.03	-245.05	-1652.53	185.00	406.34	363.79

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
11188	11.44	14.83	0.25	-462.51	-246.72	-1647.96	208.11	462.76	287.26
11189	16.19	9.53	0.25	-1148.95	-641.35	-1763.84	705.24	676.37	-189.18
11190	15.59	10.56	0.25	-451.57	-430.53	-1732.60	391.37	662.89	-113.62
11191	14.94	11.56	0.25	-421.65	-336.24	-1734.37	312.88	634.19	-36.55
11192	15.21	9.45	0.25	-1081.10	-373.18	-1609.34	365.39	583.64	74.26
11193	14.80	10.35	0.25	-812.29	-426.47	-1612.44	360.72	654.18	115.10
11194	14.35	11.22	0.25	-629.43	-397.88	-1609.22	280.16	680.07	138.46
11195	14.24	9.38	0.25	-1023.27	-333.07	-1390.71	253.92	490.65	164.84
11196	14.02	10.15	0.25	-886.08	-366.14	-1403.41	278.27	558.03	194.56
11197	13.77	10.90	0.25	-750.35	-388.00	-1429.84	258.11	607.08	210.93
11198	12.42	14.10	0.25	-446.30	-253.75	-1657.05	231.81	511.22	210.55
11199	12.16	13.17	0.25	-581.21	-359.10	-1480.78	165.21	578.67	320.59
11200	11.89	12.26	0.25	-639.57	-371.15	-1283.90	152.95	536.10	322.45
11201	13.33	13.31	0.25	-428.48	-268.02	-1677.90	254.82	555.76	130.62
11202	12.97	12.59	0.25	-586.96	-362.46	-1526.90	195.35	621.94	259.25
11203	12.60	11.88	0.25	-663.17	-375.95	-1337.50	181.54	573.50	284.64
11204	14.18	12.48	0.25	-407.38	-288.69	-1709.04	281.71	593.02	44.02
11205	13.74	11.97	0.25	-588.96	-372.30	-1585.68	232.98	657.78	191.11
11206	13.29	11.48	0.25	-683.61	-381.70	-1407.23	219.57	608.70	240.71
11207	11.55	9.48	-1.25	-650.73	-285.53	-955.62	62.15	302.19	226.66
11208	12.57	9.43	-1.25	-722.62	-305.11	-1025.13	69.71	338.44	202.61
11209	13.59	9.39	-1.25	-799.82	-330.20	-1125.28	77.31	394.37	171.14
11210	11.76	10.44	-1.25	-657.12	-331.19	-999.32	65.14	351.66	248.53
11211	12.65	10.31	-1.25	-720.89	-347.14	-1062.95	73.14	393.74	225.30
11212	13.53	10.16	-1.25	-788.95	-367.11	-1150.03	82.73	450.12	197.28
11213	11.96	11.41	-1.25	-667.86	-383.59	-1060.09	56.20	412.08	269.32
11214	12.71	11.18	-1.25	-722.27	-393.61	-1115.25	63.74	456.25	245.33
11215	13.46	10.93	-1.25	-782.04	-407.24	-1186.96	71.92	511.99	219.69
11216	0.56	9.88	-1.25	-161.63	-237.03	-1233.39	69.72	-122.01	382.70
11217	1.68	9.86	-1.25	-176.20	-233.37	-1176.94	59.47	-55.57	374.43
11218	2.80	9.84	-1.25	-200.61	-231.47	-1119.87	51.08	6.07	363.99
11219	3.91	9.82	-1.25	-234.14	-231.33	-1063.91	44.77	62.09	351.58
11220	5.02	9.78	-1.25	-275.99	-232.94	-1011.40	40.70	111.93	337.49
11221	6.13	9.74	-1.25	-325.32	-236.34	-965.14	38.98	155.30	322.00
11222	7.22	9.70	-1.25	-381.24	-241.62	-928.37	39.65	192.34	305.35
11223	8.32	9.65	-1.25	-442.85	-248.91	-904.79	42.63	223.65	287.76
11224	9.41	9.59	-1.25	-509.21	-258.42	-898.58	47.71	250.52	269.28
11225	10.49	9.53	-1.25	-579.37	-270.47	-914.35	54.39	275.34	249.78
11226	0.59	11.64	-1.25	-201.13	-307.44	-1256.06	81.21	-125.78	444.88
11227	1.78	11.60	-1.25	-212.28	-301.70	-1196.19	67.85	-56.33	433.98
11228	2.95	11.54	-1.25	-233.58	-297.52	-1137.48	56.81	8.30	420.10
11229	4.11	11.46	-1.25	-264.10	-294.92	-1081.56	48.36	67.47	403.63
11230	5.25	11.36	-1.25	-302.88	-293.96	-1030.68	42.72	120.80	385.03
11231	6.38	11.25	-1.25	-348.98	-294.75	-987.49	39.99	168.28	364.77
11232	7.50	11.11	-1.25	-401.52	-297.45	-954.97	40.19	210.32	343.29
11233	8.61	10.96	-1.25	-459.68	-302.26	-936.50	43.18	247.81	320.96
11234	9.70	10.79	-1.25	-522.73	-309.39	-935.78	48.74	282.30	297.95
11235	10.78	10.61	-1.25	-590.26	-319.05	-956.77	56.46	316.27	274.03
11236	0.62	13.40	-1.25	-253.99	-392.19	-1301.72	93.08	-133.56	504.26
11237	1.86	13.34	-1.25	-260.94	-383.85	-1237.93	76.09	-61.43	490.82
11238	3.07	13.25	-1.25	-278.12	-376.72	-1177.29	61.67	6.34	473.86
11239	4.27	13.12	-1.25	-304.53	-370.89	-1121.27	50.16	69.31	453.82
11240	5.45	12.96	-1.25	-339.18	-366.53	-1071.87	41.82	127.34	431.26
11241	6.62	12.77	-1.25	-381.11	-363.85	-1031.49	36.76	180.64	406.75
11242	7.76	12.54	-1.25	-429.50	-363.09	-1002.84	34.96	229.86	380.82
11243	8.88	12.29	-1.25	-483.65	-364.54	-988.92	36.30	276.12	353.88
11244	9.98	12.01	-1.25	-543.02	-368.55	-993.07	40.53	321.18	326.12
11245	11.05	11.69	-1.25	-607.21	-375.30	-1018.52	47.61	367.61	297.45
11246	0.64	15.17	-1.25	-327.16	-498.68	-1398.76	106.89	-148.42	573.72
11247	1.92	15.09	-1.25	-329.24	-486.82	-1329.23	85.56	-72.89	557.25
11248	3.18	14.97	-1.25	-341.59	-475.67	-1264.95	66.86	-0.92	537.03
11249	4.41	14.80	-1.25	-363.25	-465.40	-1207.12	51.19	67.30	513.48
11250	5.63	14.58	-1.25	-393.29	-456.25	-1157.54	38.82	131.87	487.15
11251	6.82	14.31	-1.25	-430.85	-448.52	-1118.34	29.91	193.24	458.55
11252	7.99	14.00	-1.25	-475.19	-442.54	-1092.01	24.48	252.23	428.19
11253	9.12	13.64	-1.25	-525.75	-438.62	-1081.35	22.46	310.16	396.40
11254	10.23	13.24	-1.25	-582.17	-437.09	-1089.51	23.66	368.92	363.27
11255	11.30	12.80	-1.25	-644.19	-438.59	-1119.67	27.96	430.99	328.23
11256	0.66	16.93	-1.25	-426.70	-651.92	-1545.07	124.92	-175.12	683.47
11257	1.97	16.85	-1.25	-423.41	-634.35	-1468.81	97.62	-93.31	662.28
11258	3.26	16.70	-1.25	-430.59	-616.60	-1400.34	72.99	-14.13	637.67
11259	4.53	16.49	-1.25	-447.44	-598.87	-1341.04	51.51	62.66	609.98
11260	5.77	16.21	-1.25	-473.19	-581.52	-1292.42	33.58	137.53	579.47
11261	6.99	15.87	-1.25	-507.09	-564.94	-1256.49	19.48	211.19	546.42
11262	8.18	15.47	-1.25	-548.51	-549.52	-1235.71	9.39	284.69	511.02
11263	9.34	15.01	-1.25	-596.91	-535.64	-1233.02	3.44	359.46	473.31
11264	10.46	14.49	-1.25	-651.84	-523.59	-1252.09	1.76	437.41	432.99
11265	11.54	13.91	-1.25	-713.11	-513.67	-1296.24	4.40	520.78	389.09
11266	0.67	18.70	-1.25	-657.67	-873.01	-2415.44	164.66	-266.94	1120.34
11267	2.00	18.62	-1.25	-641.84	-847.94	-2298.41	133.21	-152.11	1079.90
11268	3.31	18.44	-1.25	-636.70	-820.35	-2193.88	103.75	-39.62	1034.36
11269	4.61	18.19	-1.25	-641.87	-790.93	-2102.81	77.19	70.92	983.74
11270	5.89	17.85	-1.25	-656.83	-760.21	-2026.93	54.27	180.02	928.30
11271	7.14	17.44	-1.25	-680.97	-728.89	-1968.40	35.66	288.34	868.26
11272	8.35	16.95	-1.25	-713.66	-697.67	-1929.71	21.92	396.66	803.73
11273	9.53	16.39	-1.25	-754.16	-667.27	-1913.61	13.56	505.87	734.63
11274	10.66	15.75	-1.25	-801.69	-638.36	-1923.09	11.00	616.96	660.57
11275	11.75	15.04	-1.25	-855.03	-611.12	-1961.81	14.97	730.90	580.90
11276	16.60	9.55	-1.25	-1235.26	-598.82	-1927.62	282.80	1026.65	-32.65
11277	15.99	10.62	-1.25	-1043.14	-536.16	-2135.31	147.29	1137.96	68.72
11278	15.33	11.65	-1.25	-1051.57	-534.82	-2191.01	101.82	1127.82	183.23
11279	15.60	9.47	-1.25	-1015.48	-428.71	-1447.36	123.99	673.05	71.71
11280	15.18	10.40	-1.25	-957.13	-466.62	-1482.64	112.99	744.34	128.48
11281	14.72	11.30	-1.25	-915.98	-483.70	-1530.79	69.56	790.86	179.23
11282	14.60	9.40	-1.25	-891.56	-368.80	-1257.32	89.74	499.15	129.42
11283	14.37	10.19	-1.25	-869.10	-403.65	-1274.27	94.33	557.27	166.20
11284	14.12	10.96	-1.25	-842.11	-438.21	-1305.48	75.61	609.26	196.91
11285	12.76	14.28	-1.25	-909.87	-585.99	-2016.91	25.68	843.51	497.68
11286	12.49	13.32	-1.25	-773.06	-505.80	-1352.85	11.22	601.12	345.05

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{XX}$ [kPa]	$\sigma_{YY}$ [kPa]	$\sigma_{ZZ}$ [kPa]	$\tau_{XY}$ [kPa]	$\tau_{XZ}$ [kPa]	$\tau_{YZ}$ [kPa]
11287	12.20	12.37	-1.25	-702.32	-441.88	-1162.33	34.30	489.53	296.90
11288	13.69	13.47	-1.25	-962.45	-564.16	-2084.88	42.45	950.59	403.58
11289	13.31	12.72	-1.25	-827.27	-498.97	-1421.76	23.38	677.02	295.84
11290	12.93	11.98	-1.25	-753.58	-444.99	-1215.78	42.74	542.82	266.30
11291	14.56	12.60	-1.25	-1013.64	-545.99	-2169.93	67.37	1054.03	300.78
11292	14.10	12.08	-1.25	-883.09	-494.50	-1512.02	41.69	758.02	241.12
11293	13.64	11.56	-1.25	-806.98	-449.33	-1285.86	56.31	602.85	229.76
11294	-10.96	9.46	1.75	-520.53	-297.34	-2150.01	129.06	-1023.88	427.31
11295	-11.94	9.42	1.75	-540.47	-299.82	-2277.84	108.70	-1065.20	406.95
11296	-12.91	9.37	1.75	-539.33	-298.27	-2446.89	78.13	-1094.21	382.60
11297	-11.13	10.38	1.75	-519.43	-303.57	-2268.27	120.44	-1024.10	459.76
11298	-11.99	10.25	1.75	-527.99	-299.06	-2389.08	96.95	-1057.27	434.25
11299	-12.83	10.10	1.75	-520.74	-291.22	-2536.12	66.03	-1078.96	403.71
11300	-11.30	11.30	1.75	-509.20	-297.43	-2417.80	100.54	-1019.15	484.62
11301	-12.02	11.07	1.75	-508.69	-289.41	-2519.21	77.25	-1042.87	454.71
11302	-12.74	10.83	1.75	-496.17	-277.23	-2633.23	48.39	-1055.89	418.73
11303	-0.53	9.82	1.75	-241.63	-223.05	-1654.39	88.18	-200.35	521.37
11304	-1.58	9.81	1.75	-236.94	-228.78	-1707.65	98.04	-300.82	527.56
11305	-2.64	9.80	1.75	-242.83	-235.48	-1753.14	108.74	-401.71	529.73
11306	-3.69	9.78	1.75	-258.92	-242.97	-1791.74	119.62	-500.91	527.81
11307	-4.74	9.75	1.75	-284.38	-251.07	-1825.33	129.93	-596.43	521.92
11308	-5.79	9.72	1.75	-317.86	-259.56	-1856.81	138.86	-686.51	512.34
11309	-6.84	9.67	1.75	-357.53	-268.19	-1890.08	145.51	-769.80	499.50
11310	-7.88	9.63	1.75	-401.04	-276.69	-1930.01	148.95	-845.49	484.00
11311	-8.92	9.57	1.75	-445.44	-284.72	-1982.37	148.16	-913.24	466.49
11312	-9.96	9.51	1.75	-487.04	-291.78	-2053.88	141.91	-973.09	447.51
11313	-0.55	11.46	1.75	-263.36	-275.53	-1659.44	99.39	-213.97	597.64
11314	-1.64	11.44	1.75	-262.17	-280.59	-1717.07	110.97	-314.32	603.68
11315	-2.73	11.40	1.75	-270.86	-285.60	-1769.05	122.94	-414.65	604.26
11316	-3.82	11.33	1.75	-288.85	-290.38	-1816.34	134.38	-512.95	599.48
11317	-4.90	11.25	1.75	-315.08	-294.79	-1860.84	144.33	-607.32	589.67
11318	-5.97	11.15	1.75	-347.96	-298.65	-1905.33	151.83	-696.18	575.35
11319	-7.04	11.02	1.75	-385.43	-301.81	-1953.41	155.91	-778.34	557.18
11320	-8.10	10.88	1.75	-424.92	-304.09	-2009.38	155.61	-853.05	535.85
11321	-9.15	10.72	1.75	-463.36	-305.25	-2078.17	150.00	-919.86	511.99
11322	-10.19	10.54	1.75	-496.98	-305.08	-2165.20	138.14	-978.41	485.90
11323	-0.57	13.10	1.75	-292.08	-321.26	-1693.71	107.10	-229.77	661.96
11324	-1.70	13.07	1.75	-293.97	-325.17	-1757.78	119.33	-329.18	668.29
11325	-2.82	12.99	1.75	-304.55	-327.79	-1818.76	131.38	-428.26	668.08
11326	-3.94	12.89	1.75	-323.08	-329.01	-1877.51	142.12	-525.13	661.54
11327	-5.05	12.75	1.75	-348.31	-328.76	-1935.63	150.45	-618.06	649.06
11328	-6.16	12.58	1.75	-378.49	-326.99	-1995.49	155.30	-705.55	631.22
11329	-7.25	12.37	1.75	-411.38	-323.73	-2060.00	155.67	-786.38	608.66
11330	-8.32	12.13	1.75	-444.28	-318.95	-2132.56	150.67	-859.62	581.98
11331	-9.38	11.86	1.75	-474.03	-312.60	-2216.80	139.48	-924.45	551.52
11332	-10.41	11.56	1.75	-497.16	-304.80	-2316.28	121.66	-979.93	517.35
11333	-0.58	14.74	1.75	-327.76	-343.68	-1787.87	109.17	-249.03	717.30
11334	-1.75	14.69	1.75	-331.73	-345.84	-1861.07	119.89	-346.92	724.21
11335	-2.91	14.59	1.75	-342.61	-345.44	-1933.56	129.81	-444.14	723.54
11336	-4.07	14.45	1.75	-359.53	-342.48	-2005.82	137.67	-538.93	715.44
11337	-5.21	14.25	1.75	-381.14	-337.03	-2078.89	142.29	-629.58	700.24
11338	-6.34	14.01	1.75	-405.57	-329.28	-2154.27	142.61	-714.52	678.38
11339	-7.45	13.72	1.75	-430.54	-319.48	-2233.78	137.74	-792.30	650.33
11340	-8.54	13.38	1.75	-453.39	-307.97	-2319.38	127.00	-861.56	616.44
11341	-9.61	13.01	1.75	-471.18	-295.06	-2412.84	109.98	-920.87	576.87
11342	-10.64	12.59	1.75	-480.89	-280.71	-2515.55	86.64	-968.68	531.42
11343	-0.60	16.38	1.75	-361.80	-298.92	-1963.44	100.08	-270.48	734.88
11344	-1.81	16.32	1.75	-365.60	-297.99	-2047.81	104.90	-364.16	740.83
11345	-3.01	16.19	1.75	-373.75	-294.20	-2132.26	108.40	-456.46	737.88
11346	-4.20	16.00	1.75	-385.37	-287.64	-2216.62	109.46	-545.55	726.14
11347	-5.37	15.75	1.75	-399.16	-278.66	-2300.96	107.08	-629.69	705.86
11348	-6.52	15.44	1.75	-413.49	-267.77	-2385.60	100.54	-707.19	677.49
11349	-7.66	15.07	1.75	-426.47	-255.62	-2470.94	89.36	-776.44	641.56
11350	-8.76	14.64	1.75	-436.03	-242.99	-2557.30	73.43	-835.89	598.71
11351	-9.83	14.15	1.75	-440.28	-230.65	-2644.80	53.03	-884.02	549.55
11352	-10.87	13.61	1.75	-437.50	-219.06	-2733.12	28.73	-919.45	494.64
11353	-0.62	18.02	1.75	-385.21	-204.29	-2179.54	75.90	-285.85	647.68
11354	-1.87	17.94	1.75	-386.55	-201.99	-2273.91	72.76	-368.18	649.95
11355	-3.10	17.79	1.75	-389.81	-198.50	-2367.13	68.68	-447.99	643.76
11356	-4.32	17.56	1.75	-394.48	-194.01	-2458.26	63.05	-523.93	629.22
11357	-5.53	17.25	1.75	-399.83	-188.95	-2546.53	55.45	-594.66	606.84
11358	-6.71	16.87	1.75	-405.01	-183.89	-2631.30	45.64	-658.95	577.39
11359	-7.86	16.41	1.75	-409.10	-179.49	-2712.08	33.64	-715.78	541.84
11360	-8.98	15.89	1.75	-411.28	-176.41	-2788.50	19.74	-764.38	501.36
11361	-10.06	15.30	1.75	-410.82	-175.27	-2860.17	4.44	-804.18	457.29
11362	-11.10	14.64	1.75	-407.41	-176.81	-2926.92	-11.58	-834.82	410.81
11363	-15.78	9.51	1.75	-357.12	-242.34	-3140.89	-66.42	-923.72	193.34
11364	-15.19	10.51	1.75	-366.33	-227.27	-3129.65	-63.49	-911.14	220.80
11365	-14.54	11.48	1.75	-377.41	-212.68	-3113.30	-58.80	-897.80	249.40
11366	-14.82	9.44	1.75	-412.45	-255.44	-2913.26	-29.99	-1032.62	280.58
11367	-14.41	10.32	1.75	-401.67	-238.03	-2938.38	-36.27	-1003.49	299.32
11368	-13.96	11.16	1.75	-394.22	-220.08	-2958.08	-40.90	-971.70	315.71
11369	-13.87	9.38	1.75	-500.25	-285.46	-2669.13	31.34	-1095.67	346.34
11370	-13.64	10.13	1.75	-479.64	-272.64	-2728.99	20.77	-1070.64	364.55
11371	-13.38	10.86	1.75	-459.06	-255.99	-2786.94	9.36	-1040.59	378.00
11372	-12.07	13.93	1.75	-402.79	-181.30	-2985.26	-26.20	-857.43	365.95
11373	-11.79	13.06	1.75	-428.98	-210.77	-2809.75	5.07	-941.53	442.24
11374	-11.51	12.19	1.75	-481.10	-267.95	-2608.99	61.98	-999.31	488.60
11375	-12.96	13.17	1.75	-396.34	-189.07	-3035.32	-39.03	-875.11	323.20
11376	-12.59	12.49	1.75	-417.10	-208.14	-2873.72	-15.09	-953.82	393.77
11377	-12.22	11.81	1.75	-473.35	-258.69	-2689.97	38.90	-1015.75	448.81
11378	-13.79	12.36	1.75	-387.47	-199.90	-3081.33	-50.01	-887.13	282.71
11379	-13.35	11.89	1.75	-401.44	-208.15	-2935.42	-33.85	-957.50	344.83
11380	-12.91	11.42	1.75	-458.28	-251.17	-2773.44	14.98	-1022.88	406.10
11381	-11.25	9.48	0.25	-623.57	-382.08	-2030.81	172.47	-969.51	413.29
11382	-12.25	9.43	0.25	-683.92	-404.43	-2177.62	165.58	-1040.13	414.96
11383	-13.25	9.38	0.25	-735.04	-427.88	-2380.20	150.14	-1119.99	421.89
11384	-11.42	10.43	0.25	-652.09	-414.50	-2160.57	178.93	-997.39	467.51
11385	-12.30	10.29	0.25	-698.01	-428.23	-2304.84	167.38	-1063.72	466.53

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
11386	-13.17	10.14	0.25	-734.82	-441.52	-2491.38	147.93	-1135.22	467.85
11387	-11.60	11.38	0.25	-677.19	-442.83	-2335.70	176.61	-1034.36	529.11
11388	-12.34	11.14	0.25	-707.42	-448.28	-2466.39	161.32	-1091.94	522.53
11389	-13.08	10.89	0.25	-727.96	-450.38	-2624.73	138.35	-1150.54	515.30
11390	-0.54	9.85	0.25	-219.02	-246.86	-1454.49	88.33	-200.02	457.72
11391	-1.62	9.84	0.25	-219.88	-253.54	-1506.42	99.67	-285.83	462.33
11392	-2.70	9.83	0.25	-231.51	-261.68	-1553.35	111.83	-372.29	463.82
11393	-3.79	9.81	0.25	-253.66	-271.26	-1596.09	124.29	-457.81	462.27
11394	-4.86	9.78	0.25	-285.82	-282.29	-1636.32	136.53	-540.95	457.96
11395	-5.94	9.74	0.25	-327.17	-294.78	-1676.58	147.97	-620.60	451.31
11396	-7.01	9.70	0.25	-376.62	-308.80	-1720.26	158.07	-696.14	442.99
11397	-8.08	9.65	0.25	-432.83	-324.45	-1771.67	166.27	-767.59	433.89
11398	-9.15	9.59	0.25	-494.27	-341.88	-1836.18	171.96	-835.82	425.09
11399	-10.21	9.53	0.25	-559.05	-361.16	-1920.50	174.38	-902.66	417.97
11400	-0.56	11.55	0.25	-252.24	-311.38	-1472.35	101.78	-210.37	531.39
11401	-1.68	11.53	0.25	-256.70	-318.06	-1528.98	115.51	-297.21	536.36
11402	-2.80	11.49	0.25	-271.51	-325.43	-1582.39	129.74	-384.49	537.21
11403	-3.92	11.42	0.25	-296.32	-333.48	-1633.48	143.77	-470.75	534.17
11404	-5.03	11.34	0.25	-330.46	-342.23	-1683.91	156.89	-554.72	527.73
11405	-6.13	11.23	0.25	-372.96	-351.76	-1736.13	168.42	-635.54	518.55
11406	-7.23	11.10	0.25	-422.54	-362.17	-1793.37	177.70	-712.85	507.53
11407	-8.31	10.95	0.25	-477.69	-373.61	-1859.69	184.08	-786.91	495.73
11408	-9.39	10.78	0.25	-536.62	-386.20	-1940.08	186.92	-858.68	484.31
11409	-10.45	10.60	0.25	-597.07	-400.12	-2040.87	185.37	-929.91	474.39
11410	-0.58	13.26	0.25	-296.50	-380.43	-1520.31	113.71	-224.58	602.73
11411	-1.74	13.22	0.25	-304.51	-387.08	-1583.61	129.45	-312.54	608.94
11412	-2.90	13.15	0.25	-322.13	-393.44	-1645.86	145.26	-400.90	610.40
11413	-4.05	13.04	0.25	-348.91	-399.50	-1707.90	160.30	-488.41	607.45
11414	-5.19	12.89	0.25	-384.07	-405.36	-1771.23	173.70	-574.05	600.66
11415	-6.32	12.71	0.25	-426.45	-411.12	-1838.06	184.63	-657.17	590.82
11416	-7.44	12.50	0.25	-474.60	-416.95	-1911.34	192.31	-737.58	578.87
11417	-8.55	12.25	0.25	-526.75	-422.97	-1994.76	195.99	-815.61	565.80
11418	-9.63	11.97	0.25	-580.76	-429.28	-2092.86	194.86	-892.04	552.57
11419	-10.69	11.66	0.25	-633.94	-436.11	-2211.30	188.10	-968.06	539.82
11420	-0.60	14.96	0.25	-353.23	-446.38	-1620.10	123.27	-245.81	682.28
11421	-1.80	14.91	0.25	-364.37	-452.88	-1692.72	139.96	-335.90	690.81
11422	-3.00	14.80	0.25	-384.03	-457.89	-1766.87	156.20	-426.43	694.26
11423	-4.18	14.65	0.25	-411.62	-461.41	-1843.19	170.96	-516.47	692.90
11424	-5.36	14.45	0.25	-446.20	-463.55	-1922.94	183.21	-605.20	687.27
11425	-6.52	14.20	0.25	-486.42	-464.46	-2008.02	191.96	-692.07	677.99
11426	-7.66	13.90	0.25	-530.53	-464.32	-2100.96	196.27	-776.82	665.74
11427	-8.78	13.55	0.25	-576.33	-463.27	-2204.96	195.19	-859.43	651.11
11428	-9.87	13.16	0.25	-621.15	-461.32	-2323.85	187.73	-940.05	634.44
11429	-10.94	12.72	0.25	-661.94	-458.37	-2462.01	173.08	-1018.77	615.57
11430	-0.62	16.66	0.25	-431.94	-489.50	-1875.02	127.51	-282.55	806.45
11431	-1.86	16.60	0.25	-445.42	-495.17	-1964.06	141.79	-378.04	818.79
11432	-3.09	16.46	0.25	-465.38	-497.57	-2056.86	154.88	-473.94	824.52
11433	-4.32	16.27	0.25	-491.05	-496.88	-2153.69	165.43	-569.17	823.84
11434	-5.52	16.00	0.25	-521.17	-493.20	-2255.18	172.25	-662.77	816.87
11435	-6.71	15.68	0.25	-554.03	-486.80	-2362.32	174.23	-753.83	803.79
11436	-7.87	15.29	0.25	-587.41	-478.00	-2476.44	170.33	-841.41	784.75
11437	-9.01	14.85	0.25	-618.61	-467.19	-2599.08	159.67	-924.46	759.71
11438	-10.11	14.34	0.25	-644.13	-454.56	-2731.78	141.31	-1001.44	728.25
11439	-11.18	13.78	0.25	-660.59	-440.07	-2876.40	114.64	-1071.08	689.76
11440	-0.64	18.36	0.25	-481.85	-278.24	-2304.30	95.10	-321.55	775.92
11441	-1.92	18.28	0.25	-489.53	-276.00	-2413.17	90.13	-411.38	783.19
11442	-3.19	18.12	0.25	-498.85	-272.08	-2523.94	83.00	-499.27	781.81
11443	-4.45	17.88	0.25	-508.79	-266.32	-2635.70	72.98	-584.04	771.50
11444	-5.69	17.56	0.25	-518.05	-259.21	-2747.68	59.37	-664.32	752.39
11445	-6.90	17.16	0.25	-525.05	-251.33	-2859.18	41.68	-738.72	724.73
11446	-8.09	16.69	0.25	-527.97	-243.34	-2969.57	19.71	-805.75	688.86
11447	-9.24	16.15	0.25	-524.85	-235.90	-3078.16	-6.50	-863.90	645.21
11448	-10.35	15.53	0.25	-513.63	-229.79	-3184.18	-36.45	-911.51	594.41
11449	-11.42	14.85	0.25	-491.04	-224.05	-3286.56	-70.54	-945.36	535.98
11450	-16.19	9.53	0.25	-363.60	-341.88	-3605.42	-133.80	-1076.59	282.64
11451	-15.59	10.57	0.25	-356.98	-305.64	-3594.38	-150.27	-1039.59	306.56
11452	-14.93	11.57	0.25	-354.85	-267.55	-3574.10	-164.80	-998.75	326.22
11453	-15.21	9.46	0.25	-704.08	-453.53	-3158.95	42.46	-1290.13	438.46
11454	-14.79	10.37	0.25	-675.83	-439.62	-3221.73	29.22	-1264.27	477.13
11455	-14.33	11.24	0.25	-642.61	-417.57	-3282.59	12.14	-1227.67	509.02
11456	-14.23	9.39	0.25	-757.61	-447.78	-2680.04	116.65	-1211.81	435.11
11457	-14.00	10.17	0.25	-741.76	-450.47	-2774.78	109.82	-1212.59	478.46
11458	-13.74	10.92	0.25	-720.75	-447.75	-2881.83	97.81	-1208.17	519.88
11459	-12.40	14.11	0.25	-459.46	-221.82	-3377.19	-104.57	-966.21	476.07
11460	-12.11	13.21	0.25	-667.00	-427.53	-3009.82	84.72	-1127.06	648.89
11461	-11.83	12.30	0.25	-690.93	-455.07	-2594.87	154.01	-1083.71	597.25
11462	-13.31	13.33	0.25	-424.69	-228.13	-3454.60	-132.83	-980.76	417.31
11463	-12.93	12.62	0.25	-660.63	-418.66	-3128.44	54.53	-1167.13	604.36
11464	-12.55	11.92	0.25	-705.58	-451.59	-2720.13	132.30	-1134.85	577.58
11465	-14.17	12.49	0.25	-382.10	-237.70	-3526.05	-159.56	-983.46	358.02
11466	-13.71	11.99	0.25	-639.64	-408.44	-3250.98	20.75	-1194.80	552.68
11467	-13.26	11.51	0.25	-709.56	-448.06	-2862.84	105.08	-1181.84	553.87
11468	-11.53	9.49	-1.25	-675.17	-423.91	-1896.09	209.55	-835.74	346.39
11469	-12.56	9.45	-1.25	-783.80	-468.32	-2035.86	222.64	-903.37	352.78
11470	-13.58	9.40	-1.25	-912.64	-524.30	-2224.06	237.56	-990.51	369.16
11471	-11.72	10.48	-1.25	-741.89	-484.33	-2013.97	237.89	-866.65	398.66
11472	-12.61	10.34	-1.25	-840.91	-523.18	-2149.86	249.87	-935.41	406.17
11473	-13.51	10.18	-1.25	-954.08	-571.07	-2324.18	262.36	-1019.99	422.42
11474	-11.90	11.47	-1.25	-823.09	-559.01	-2170.87	270.01	-914.16	465.04
11475	-12.66	11.22	-1.25	-908.88	-588.64	-2294.83	278.68	-981.41	470.49
11476	-13.42	10.96	-1.25	-1005.67	-625.22	-2446.17	288.32	-1062.87	485.32
11477	-0.55	9.88	-1.25	-157.22	-242.16	-1287.44	81.33	-191.15	387.90
11478	-1.66	9.87	-1.25	-163.21	-248.90	-1338.22	93.89	-261.90	390.65
11479	-2.77	9.86	-1.25	-179.83	-257.48	-1386.05	107.21	-333.25	390.75
11480	-3.88	9.84	-1.25	-207.01	-268.01	-1431.69	120.94	-403.89	388.35
11481	-4.99	9.81	-1.25	-244.54	-280.62	-1476.54	134.73	-472.63	383.71
11482	-6.09	9.77	-1.25	-292.06	-295.56	-1522.70	148.28	-538.58	377.25
11483	-7.19	9.72	-1.25	-349.24	-313.17	-1572.95	161.40	-601.31	369.58
11484	-8.29	9.67	-1.25	-415.82	-333.97	-1630.75	173.96	-660.95	361.51

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
11485	-9.38	9.62	-1.25	-491.93	-358.71	-1700.41	186.02	-718.47	354.11
11486	-10.47	9.55	-1.25	-578.34	-388.36	-1787.30	197.82	-775.93	348.84
11487	-0.58	11.65	-1.25	-200.34	-314.01	-1314.23	95.99	-197.15	451.64
11488	-1.73	11.62	-1.25	-209.73	-321.30	-1369.67	111.52	-269.11	454.68
11489	-2.88	11.58	-1.25	-229.67	-329.87	-1423.62	127.68	-341.53	454.27
11490	-4.02	11.51	-1.25	-260.04	-339.88	-1476.81	143.95	-413.15	450.68
11491	-5.16	11.42	-1.25	-300.60	-351.55	-1530.54	159.89	-483.00	444.35
11492	-6.29	11.31	-1.25	-350.97	-365.21	-1586.76	175.15	-550.41	435.91
11493	-7.42	11.17	-1.25	-410.81	-381.31	-1648.04	189.49	-615.22	426.21
11494	-8.53	11.02	-1.25	-479.94	-400.51	-1717.64	202.85	-677.88	416.28
11495	-9.63	10.85	-1.25	-558.51	-423.65	-1799.59	215.30	-739.64	407.39
11496	-10.72	10.65	-1.25	-647.28	-451.86	-1899.05	226.97	-802.91	401.03
11497	-0.60	13.41	-1.25	-257.28	-400.61	-1364.99	111.53	-206.92	513.05
11498	-1.79	13.37	-1.25	-270.44	-408.85	-1426.66	130.46	-280.24	517.28
11499	-2.98	13.30	-1.25	-293.96	-417.74	-1488.55	149.79	-353.98	517.56
11500	-4.16	13.18	-1.25	-327.74	-427.49	-1551.28	168.95	-427.15	514.29
11501	-5.33	13.03	-1.25	-371.52	-438.40	-1615.95	187.41	-499.01	508.06
11502	-6.49	12.85	-1.25	-424.98	-450.91	-1684.31	204.79	-569.21	499.64
11503	-7.64	12.62	-1.25	-487.83	-465.57	-1758.68	220.83	-637.86	490.05
11504	-8.77	12.37	-1.25	-559.98	-483.13	-1842.08	235.46	-705.72	480.48
11505	-9.88	12.08	-1.25	-641.66	-504.58	-1938.37	248.79	-774.33	472.34
11506	-10.97	11.75	-1.25	-733.36	-531.12	-2052.52	260.82	-846.16	467.09
11507	-0.62	15.18	-1.25	-335.16	-509.88	-1469.49	129.56	-224.74	585.45
11508	-1.85	15.12	-1.25	-352.69	-520.01	-1540.11	152.49	-300.75	592.19
11509	-3.08	15.02	-1.25	-380.42	-530.11	-1612.57	175.60	-377.36	594.86
11510	-4.30	14.86	-1.25	-418.24	-540.36	-1687.39	198.28	-453.89	593.96
11511	-5.50	14.65	-1.25	-465.93	-551.15	-1765.46	219.92	-529.96	590.13
11512	-6.69	14.38	-1.25	-523.22	-562.96	-1848.28	240.09	-605.55	584.25
11513	-7.87	14.07	-1.25	-589.87	-576.42	-1938.01	258.44	-681.12	577.37
11514	-9.01	13.71	-1.25	-665.79	-592.24	-2037.58	274.79	-757.77	570.73
11515	-10.13	13.31	-1.25	-751.22	-611.29	-2150.92	289.10	-837.38	565.78
11516	-11.23	12.86	-1.25	-846.76	-635.07	-2283.24	301.43	-922.57	563.94
11517	-0.64	16.94	-1.25	-440.14	-667.78	-1624.47	153.59	-257.52	700.07
11518	-1.91	16.87	-1.25	-463.20	-681.27	-1706.49	182.28	-340.05	711.68
11519	-3.18	16.74	-1.25	-496.58	-693.47	-1793.55	210.95	-423.79	719.86
11520	-4.44	16.53	-1.25	-540.19	-704.66	-1885.82	238.75	-508.58	724.91
11521	-5.68	16.26	-1.25	-593.81	-715.16	-1984.32	264.94	-594.54	727.41
11522	-6.90	15.92	-1.25	-657.11	-725.42	-2090.72	288.80	-682.03	728.09
11523	-8.09	15.52	-1.25	-729.76	-736.01	-2207.50	309.72	-771.87	727.79
11524	-9.25	15.06	-1.25	-811.42	-747.63	-2338.13	327.12	-865.38	727.39
11525	-10.39	14.54	-1.25	-901.69	-760.96	-2487.75	340.33	-964.64	727.93
11526	-11.48	13.96	-1.25	-1000.57	-777.02	-2661.73	349.04	-1072.16	730.07
11527	-0.66	18.71	-1.25	-683.92	-894.58	-2540.72	196.67	-383.76	1155.00
11528	-1.98	18.62	-1.25	-719.51	-912.42	-2672.22	227.85	-501.64	1182.04
11529	-3.28	18.46	-1.25	-764.79	-927.05	-2811.04	257.54	-621.36	1202.39
11530	-4.58	18.21	-1.25	-819.12	-938.51	-2957.21	284.72	-742.78	1216.15
11531	-5.85	17.87	-1.25	-881.72	-947.24	-3110.93	308.33	-865.73	1223.35
11532	-7.10	17.46	-1.25	-951.62	-953.86	-3272.84	327.41	-990.10	1224.12
11533	-8.32	16.97	-1.25	-1027.69	-959.12	-3444.02	341.17	-1115.89	1218.64
11534	-9.50	16.41	-1.25	-1108.68	-963.91	-3626.08	348.91	-1243.22	1207.15
11535	-10.64	15.77	-1.25	-1193.31	-969.29	-3821.42	350.19	-1372.46	1189.85
11536	-11.73	15.06	-1.25	-1279.53	-975.27	-4034.67	344.14	-1504.64	1167.57
11537	-16.59	9.55	-1.25	-1567.80	-948.77	-4572.13	231.05	-1991.37	756.56
11538	-15.99	10.62	-1.25	-1557.16	-971.43	-4634.58	249.23	-1974.42	858.44
11539	-15.32	11.66	-1.25	-1541.17	-994.95	-4695.07	266.41	-1947.52	961.50
11540	-15.59	9.48	-1.25	-1293.30	-718.79	-2993.54	279.63	-1369.16	503.35
11541	-15.17	10.41	-1.25	-1301.63	-760.84	-3101.69	302.73	-1393.83	581.75
11542	-14.70	11.32	-1.25	-1307.82	-804.69	-3234.09	321.38	-1423.33	669.00
11543	-14.59	9.41	-1.25	-1079.95	-603.92	-2508.67	258.26	-1128.11	411.12
11544	-14.35	10.21	-1.25	-1105.51	-645.89	-2599.80	282.22	-1155.61	471.40
11545	-14.09	10.99	-1.25	-1130.09	-692.18	-2712.00	304.27	-1188.06	539.48
11546	-12.74	14.29	-1.25	-1359.68	-980.90	-4238.19	330.76	-1633.09	1138.04
11547	-12.44	13.36	-1.25	-1095.45	-792.70	-2831.84	351.73	-1174.49	730.09
11548	-12.14	12.42	-1.25	-937.50	-659.02	-2412.45	309.78	-1002.51	565.23
11549	-13.67	13.48	-1.25	-1431.25	-987.71	-4427.67	312.78	-1750.79	1095.42
11550	-13.27	12.75	-1.25	-1179.70	-805.60	-3000.13	347.55	-1271.77	724.03
11551	-12.88	12.02	-1.25	-1017.20	-679.87	-2538.82	313.93	-1077.31	566.87
11552	-14.55	12.61	-1.25	-1499.50	-997.49	-4626.13	289.35	-1867.14	1047.33
11553	-14.07	12.10	-1.25	-1264.55	-820.45	-3198.93	337.68	-1379.86	719.71
11554	-13.60	11.60	-1.25	-1101.43	-703.47	-2690.24	314.18	-1162.67	570.12
11555	0.58	-2.50	1.75	-242.44	-81.49	-1440.92	-20.37	-62.43	-180.50
11556	0.58	-3.10	1.75	-243.09	-84.84	-1423.02	-25.54	-64.55	-209.39
11557	1.75	-2.50	1.75	-287.68	-79.88	-1358.44	-17.98	35.44	-175.44
11558	1.74	-3.10	1.75	-287.44	-83.07	-1341.46	-22.98	32.18	-203.42
11559	2.92	-2.50	1.75	-345.75	-80.01	-1268.73	-16.23	124.20	-168.78
11560	2.91	-3.10	1.75	-344.47	-82.98	-1252.87	-21.18	119.99	-195.73
11561	4.09	-2.50	1.75	-416.12	-82.27	-1174.96	-15.06	202.60	-160.56
11562	4.07	-3.10	1.75	-413.71	-84.90	-1160.37	-20.10	197.64	-186.35
11563	5.26	-2.50	1.75	-498.38	-87.19	-1080.72	-14.39	269.59	-150.81
11564	5.23	-3.10	1.75	-494.79	-89.31	-1067.48	-19.59	264.08	-175.30
11565	6.43	-2.50	1.75	-592.18	-95.57	-990.17	-13.99	324.21	-139.53
11566	6.39	-3.10	1.75	-587.46	-96.93	-978.30	-19.42	318.36	-162.55
11567	7.59	-2.50	1.75	-697.08	-108.46	-908.17	-13.60	365.58	-126.64
11568	7.56	-3.10	1.75	-691.42	-108.77	-897.61	-19.22	359.60	-147.98
11569	8.76	-2.50	1.75	-812.44	-127.24	-840.64	-12.88	392.79	-112.01
11570	8.72	-3.10	1.75	-806.20	-126.19	-831.18	-18.56	386.86	-131.40
11571	9.93	-2.50	1.75	-937.15	-153.53	-794.99	-11.73	404.86	-95.38
11572	9.88	-3.10	1.75	-930.76	-151.00	-786.28	-17.16	399.06	-112.43
11573	11.10	-2.50	1.75	-1069.18	-188.84	-781.02	-10.67	400.54	-76.38
11574	11.05	-3.10	1.75	-1062.92	-185.20	-772.57	-15.46	394.85	-90.54
11575	12.27	-2.50	1.75	-1204.95	-233.39	-812.44	-11.47	378.26	-54.72
11576	12.21	-3.10	1.75	-1198.42	-229.82	-803.59	-15.76	372.60	-65.22
11577	13.44	-2.50	1.75	-1338.32	-283.53	-909.16	-16.99	336.75	-30.79
11578	13.37	-3.10	1.75	-1330.05	-281.65	-898.99	-23.42	330.99	-36.69
11579	14.60	-2.50	1.75	-1458.95	-327.76	-1099.27	-28.50	279.18	-6.88
11580	14.53	-3.10	1.75	-1447.47	-327.73	-1086.41	-46.07	273.01	-7.25
11581	15.77	-2.50	1.75	-1553.69	-341.43	-1403.28	-37.61	232.40	6.71
11582	15.70	-3.10	1.75	-1540.04	-339.63	-1384.42	-90.38	224.82	15.72
11583	16.94	-2.50	1.75	-1639.26	-299.06	-1734.08	-5.35	275.39	-7.69

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
11584	16.86	-3.10	1.75	-1638.54	-275.76	-1702.06	-146.08	262.69	11.30
11585	18.11	-2.50	1.75	-1887.54	-295.76	-1844.37	132.92	576.52	-149.93
11586	18.02	-3.10	1.75	-1951.14	-315.93	-1817.30	-278.15	543.29	47.69
11587	0.60	-2.50	0.25	-182.77	-80.52	-1251.27	-19.50	-92.94	-168.66
11588	0.59	-3.10	0.25	-184.30	-84.49	-1235.86	-24.43	-94.29	-195.04
11589	1.79	-2.50	0.25	-219.83	-79.10	-1179.35	-16.87	-10.93	-164.65
11590	1.78	-3.10	0.25	-220.61	-82.89	-1164.66	-21.45	-13.24	-190.33
11591	2.98	-2.50	0.25	-269.62	-79.80	-1102.28	-14.82	62.71	-159.10
11592	2.97	-3.10	0.25	-269.52	-83.32	-1088.51	-19.18	59.62	-183.94
11593	4.17	-2.50	0.25	-331.38	-82.86	-1023.13	-13.32	126.58	-152.08
11594	4.15	-3.10	0.25	-330.31	-86.00	-1010.40	-17.57	122.92	-175.94
11595	5.36	-2.50	0.25	-404.24	-88.69	-945.55	-12.30	179.54	-143.60
11596	5.34	-3.10	0.25	-402.18	-91.30	-933.92	-16.53	175.51	-166.35
11597	6.56	-2.50	0.25	-487.12	-97.85	-873.89	-11.59	220.63	-133.65
11598	6.53	-3.10	0.25	-484.16	-99.73	-863.33	-15.87	216.43	-155.10
11599	7.75	-2.50	0.25	-578.57	-111.10	-813.36	-11.03	249.16	-122.12
11600	7.71	-3.10	0.25	-574.91	-112.03	-803.75	-15.36	244.96	-142.08
11601	8.94	-2.50	0.25	-676.45	-129.32	-770.30	-10.51	264.83	-108.85
11602	8.90	-3.10	0.25	-672.36	-129.14	-761.39	-14.79	260.75	-127.03
11603	10.13	-2.50	0.25	-777.41	-153.32	-752.55	-10.29	268.09	-93.64
11604	10.08	-3.10	0.25	-773.19	-152.10	-744.01	-14.36	264.15	-109.64
11605	11.32	-2.50	0.25	-876.28	-183.27	-769.99	-11.35	260.89	-76.45
11606	11.27	-3.10	0.25	-871.95	-181.54	-761.36	-15.18	257.05	-89.77
11607	12.52	-2.50	0.25	-965.47	-217.38	-834.74	-15.68	248.41	-57.92
11608	12.46	-3.10	0.25	-960.39	-216.26	-825.40	-20.03	244.72	-68.05
11609	13.71	-2.50	0.25	-1035.13	-249.53	-959.91	-25.19	242.41	-39.95
11610	13.64	-3.10	0.25	-1028.07	-250.12	-948.90	-33.50	239.08	-47.12
11611	14.90	-2.50	0.25	-1076.49	-266.92	-1151.88	-37.51	267.21	-26.27
11612	14.83	-3.10	0.25	-1066.99	-268.45	-1137.75	-59.06	264.14	-31.99
11613	16.09	-2.50	0.25	-1095.90	-251.50	-1386.46	-36.69	361.14	-18.71
11614	16.02	-3.10	0.25	-1087.16	-248.88	-1368.00	-93.32	356.89	-28.70
11615	17.28	-2.50	0.25	-1138.11	-219.38	-1594.67	13.32	546.49	-6.74
11616	17.20	-3.10	0.25	-1144.70	-196.66	-1570.68	-119.44	527.43	-17.69
11617	18.48	-2.50	0.25	-1361.26	-250.08	-1616.56	152.42	862.87	-113.78
11618	18.39	-3.10	0.25	-1444.46	-294.64	-1627.86	-219.50	818.74	108.46
11619	0.61	-2.50	-1.25	-89.84	-68.39	-1091.12	-16.73	-113.14	-155.82
11620	0.61	-3.10	-1.25	-92.19	-72.58	-1078.18	-20.98	-113.85	-179.21
11621	1.82	-2.50	-1.25	-117.46	-67.61	-1028.24	-13.87	-46.83	-152.78
11622	1.82	-3.10	-1.25	-119.24	-71.62	-1015.83	-17.63	-48.31	-175.65
11623	3.04	-2.50	-1.25	-156.87	-69.10	-962.40	-11.49	12.08	-148.31
11624	3.03	-3.10	-1.25	-157.97	-72.83	-950.67	-14.87	9.99	-170.54
11625	4.25	-2.50	-1.25	-207.03	-72.97	-896.50	-9.59	62.31	-142.48
11626	4.24	-3.10	-1.25	-207.37	-76.33	-885.56	-12.69	59.78	-163.92
11627	5.47	-2.50	-1.25	-266.60	-79.47	-834.14	-8.14	102.87	-135.27
11628	5.45	-3.10	-1.25	-266.20	-82.34	-824.00	-11.03	100.08	-155.78
11629	6.69	-2.50	-1.25	-333.89	-88.93	-779.61	-7.05	133.19	-126.66
11630	6.66	-3.10	-1.25	-332.84	-91.16	-770.22	-9.80	130.31	-146.06
11631	7.90	-2.50	-1.25	-406.66	-101.71	-738.01	-6.26	153.25	-116.54
11632	7.87	-3.10	-1.25	-405.13	-103.18	-729.20	-8.90	150.42	-134.63
11633	9.12	-2.50	-1.25	-481.90	-118.15	-715.21	-5.86	164.00	-104.81
11634	9.08	-3.10	-1.25	-480.12	-118.82	-706.76	-8.37	161.26	-121.30
11635	10.33	-2.50	-1.25	-555.70	-138.29	-717.82	-6.27	167.96	-91.40
11636	10.29	-3.10	-1.25	-553.82	-138.33	-709.39	-8.63	165.31	-105.94
11637	11.55	-2.50	-1.25	-623.31	-161.32	-752.60	-8.42	170.50	-76.64
11638	11.50	-3.10	-1.25	-621.27	-161.25	-743.77	-10.81	167.92	-88.82
11639	12.76	-2.50	-1.25	-680.31	-184.72	-824.87	-13.48	181.47	-61.52
11640	12.71	-3.10	-1.25	-677.66	-185.34	-815.03	-16.82	179.04	-71.17
11641	13.98	-2.50	-1.25	-725.74	-203.38	-934.58	-21.45	216.94	-47.76
11642	13.92	-3.10	-1.25	-722.05	-205.19	-922.84	-28.31	214.83	-55.66
11643	15.20	-2.50	-1.25	-768.84	-211.03	-1069.56	-28.04	298.15	-36.18
11644	15.13	-3.10	-1.25	-764.87	-212.79	-1055.14	-43.41	295.98	-44.84
11645	16.41	-2.50	-1.25	-836.69	-209.29	-1204.44	-22.58	442.58	-21.62
11646	16.34	-3.10	-1.25	-836.43	-207.18	-1187.19	-53.81	437.86	-35.71
11647	17.63	-2.50	-1.25	-961.98	-239.80	-1329.54	-10.32	661.11	6.51
11648	17.55	-3.10	-1.25	-970.12	-232.11	-1322.41	-49.55	645.63	-4.22
11649	18.84	-2.50	-1.25	-1208.85	-305.76	-1462.05	24.30	1048.13	-57.47
11650	18.76	-3.10	-1.25	-1255.15	-328.11	-1482.88	-91.96	1020.82	99.29
11651	-18.11	-2.50	1.75	-296.24	-309.11	-3035.91	30.60	-918.68	-28.25
11652	-18.02	-3.10	1.75	-297.30	-303.93	-3018.36	36.98	-913.44	-36.34
11653	-16.94	-2.50	1.75	-428.14	-308.00	-2696.35	15.32	-1080.37	-59.09
11654	-16.86	-3.10	1.75	-424.85	-303.92	-2684.82	17.49	-1072.19	-74.21
11655	-15.77	-2.50	1.75	-554.48	-296.84	-2362.02	-6.74	-1140.48	-80.48
11656	-15.70	-3.10	1.75	-549.19	-294.41	-2355.14	-9.58	-1132.63	-100.21
11657	-14.60	-2.50	1.75	-594.55	-272.56	-2098.87	-22.63	-1130.12	-93.98
11658	-14.53	-3.10	1.75	-589.23	-271.63	-2093.78	-28.91	-1122.66	-115.89
11659	-13.44	-2.50	1.75	-585.32	-246.33	-1921.81	-33.48	-1101.49	-105.85
11660	-13.37	-3.10	1.75	-580.56	-246.56	-1916.69	-41.85	-1093.85	-129.35
11661	-12.27	-2.50	1.75	-547.98	-220.67	-1808.58	-40.62	-1064.20	-117.72
11662	-12.21	-3.10	1.75	-544.05	-221.86	-1802.44	-50.16	-1056.19	-142.65
11663	-11.10	-2.50	1.75	-495.27	-196.80	-1741.70	-44.90	-1018.50	-129.77
11664	-11.05	-3.10	1.75	-492.32	-198.77	-1733.90	-54.98	-1010.17	-156.11
11665	-9.93	-2.50	1.75	-435.34	-175.20	-1706.68	-46.85	-962.31	-141.68
11666	-9.88	-3.10	1.75	-433.45	-177.80	-1696.87	-57.02	-953.90	-169.33
11667	-8.76	-2.50	1.75	-374.22	-156.06	-1691.53	-46.88	-893.87	-152.93
11668	-8.72	-3.10	1.75	-373.40	-159.13	-1679.56	-56.77	-885.73	-181.75
11669	-7.59	-2.50	1.75	-316.73	-139.41	-1686.10	-45.34	-812.63	-163.02
11670	-7.56	-3.10	1.75	-316.92	-142.82	-1672.04	-54.71	-805.15	-192.79
11671	-6.43	-2.50	1.75	-266.87	-125.20	-1681.96	-42.59	-719.42	-171.52
11672	-6.39	-3.10	1.75	-267.90	-128.82	-1666.06	-51.29	-712.95	-201.96
11673	-5.26	-2.50	1.75	-227.78	-113.28	-1672.46	-39.02	-616.29	-178.12
11674	-5.23	-3.10	1.75	-229.42	-116.99	-1655.10	-46.97	-611.12	-208.93
11675	-4.09	-2.50	1.75	-201.70	-103.46	-1652.86	-35.00	-506.19	-182.65
11676	-4.07	-3.10	1.75	-203.69	-107.19	-1634.51	-42.20	-502.50	-213.54
11677	-2.92	-2.50	1.75	-189.94	-95.54	-1620.31	-30.87	-392.53	-185.07
11678	-2.91	-3.10	1.75	-191.98	-99.22	-1601.44	-37.39	-390.40	-215.77
11679	-1.75	-2.50	1.75	-192.98	-89.32	-1573.70	-26.93	-278.72	-185.44
11680	-1.74	-3.10	1.75	-194.79	-92.91	-1554.79	-32.86	-278.12	-215.72
11681	-0.58	-2.50	1.75	-210.65	-84.65	-1513.42	-23.38	-167.83	-183.87
11682	-0.58	-3.10	1.75	-211.99	-88.14	-1494.85	-28.86	-168.66	-213.53

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
11683	-18.48	-2.50	0.25	-351.30	-445.56	-3488.06	44.00	-1138.34	-57.07
11684	-18.39	-3.10	0.25	-348.88	-435.79	-3469.15	55.58	-1128.09	-68.92
11685	-17.28	-2.50	0.25	-762.96	-448.61	-2865.34	-4.45	-1319.24	-97.06
11686	-17.20	-3.10	0.25	-755.18	-445.46	-2857.16	-6.77	-1310.07	-120.21
11687	-16.09	-2.50	0.25	-799.68	-386.72	-2338.29	-24.94	-1195.48	-99.45
11688	-16.02	-3.10	0.25	-793.29	-386.11	-2333.50	-32.75	-1189.48	-122.92
11689	-14.90	-2.50	0.25	-755.87	-336.25	-2035.52	-35.20	-1098.93	-102.19
11690	-14.83	-3.10	0.25	-750.89	-336.83	-2031.18	-45.28	-1093.49	-125.08
11691	-13.71	-2.50	0.25	-685.62	-292.57	-1838.16	-41.09	-1026.85	-107.23
11692	-13.64	-3.10	0.25	-681.76	-293.95	-1833.58	-52.12	-1021.15	-130.03
11693	-12.52	-2.50	0.25	-607.14	-255.12	-1708.49	-44.57	-968.67	-114.41
11694	-12.46	-3.10	0.25	-604.26	-257.15	-1703.09	-55.91	-962.46	-137.59
11695	-11.32	-2.50	0.25	-527.07	-222.82	-1624.03	-46.35	-914.63	-122.97
11696	-11.27	-3.10	0.25	-525.13	-225.42	-1617.38	-57.63	-908.00	-146.84
11697	-10.13	-2.50	0.25	-448.95	-194.93	-1570.37	-46.73	-858.21	-132.17
11698	-10.08	-3.10	0.25	-447.95	-198.00	-1562.19	-57.70	-851.38	-156.88
11699	-8.94	-2.50	0.25	-375.46	-170.90	-1536.67	-45.89	-795.46	-141.33
11700	-8.90	-3.10	0.25	-375.38	-174.36	-1526.82	-56.35	-788.73	-166.89
11701	-7.75	-2.50	0.25	-309.03	-150.33	-1514.23	-43.99	-724.49	-149.90
11702	-7.71	-3.10	0.25	-309.81	-154.10	-1502.71	-53.79	-718.18	-176.23
11703	-6.56	-2.50	0.25	-251.94	-132.88	-1495.86	-41.22	-645.07	-157.41
11704	-6.53	-3.10	0.25	-253.45	-136.88	-1482.81	-50.26	-639.48	-184.36
11705	-5.36	-2.50	0.25	-206.16	-118.30	-1475.85	-37.81	-558.22	-163.53
11706	-5.34	-3.10	0.25	-208.24	-122.44	-1461.53	-46.05	-553.61	-190.90
11707	-4.17	-2.50	0.25	-173.24	-106.31	-1449.94	-34.02	-465.89	-168.04
11708	-4.15	-3.10	0.25	-175.68	-110.53	-1434.67	-41.45	-462.43	-195.60
11709	-2.98	-2.50	0.25	-154.20	-96.71	-1415.31	-30.08	-370.57	-170.81
11710	-2.97	-3.10	0.25	-156.76	-100.94	-1399.47	-36.74	-368.36	-198.36
11711	-1.79	-2.50	0.25	-149.50	-89.29	-1370.58	-26.22	-274.95	-171.81
11712	-1.78	-3.10	0.25	-151.93	-93.48	-1354.55	-32.20	-274.00	-199.15
11713	-0.60	-2.50	0.25	-159.14	-83.92	-1315.60	-22.64	-181.62	-171.07
11714	-0.59	-3.10	0.25	-161.22	-88.02	-1299.73	-28.04	-181.88	-198.01
11715	-18.84	-2.50	-1.25	-1584.87	-841.08	-4274.34	-40.75	-2001.69	-158.10
11716	-18.76	-3.10	-1.25	-1578.07	-836.72	-4265.35	-50.99	-1992.86	-197.53
11717	-17.63	-2.50	-1.25	-1286.54	-551.54	-2659.64	-54.78	-1296.75	-108.02
11718	-17.55	-3.10	-1.25	-1278.99	-552.02	-2656.01	-69.39	-1293.05	-133.71
11719	-16.41	-2.50	-1.25	-1046.18	-439.31	-2216.71	-50.60	-1068.43	-96.71
11720	-16.34	-3.10	-1.25	-1041.34	-441.10	-2211.92	-65.14	-1064.90	-118.35
11721	-15.20	-2.50	-1.25	-869.77	-361.66	-1932.98	-48.64	-951.55	-95.35
11722	-15.13	-3.10	-1.25	-866.41	-363.79	-1928.44	-62.48	-947.55	-115.24
11723	-13.98	-2.50	-1.25	-730.36	-304.19	-1745.48	-47.67	-880.87	-98.80
11724	-13.92	-3.10	-1.25	-727.96	-306.60	-1740.82	-60.78	-876.27	-118.25
11725	-12.76	-2.50	-1.25	-612.78	-258.58	-1613.86	-47.04	-828.79	-104.80
11726	-12.71	-3.10	-1.25	-611.16	-261.29	-1608.76	-59.49	-823.64	-124.47
11727	-11.55	-2.50	-1.25	-509.59	-221.15	-1520.75	-46.30	-782.79	-112.22
11728	-11.50	-3.10	-1.25	-508.70	-224.18	-1514.88	-58.11	-777.22	-132.46
11729	-10.33	-2.50	-1.25	-417.26	-189.82	-1454.75	-45.16	-735.97	-120.28
11730	-10.29	-3.10	-1.25	-417.12	-193.17	-1447.83	-56.29	-730.20	-141.26
11731	-9.12	-2.50	-1.25	-334.60	-163.37	-1407.35	-43.45	-684.57	-128.38
11732	-9.08	-3.10	-1.25	-335.21	-167.03	-1399.22	-53.86	-678.85	-150.14
11733	-7.90	-2.50	-1.25	-261.69	-141.04	-1371.60	-41.14	-626.81	-136.05
11734	-7.87	-3.10	-1.25	-263.03	-144.95	-1362.20	-50.77	-621.39	-158.55
11735	-6.69	-2.50	-1.25	-199.30	-122.28	-1341.63	-38.26	-562.33	-142.91
11736	-6.66	-3.10	-1.25	-201.28	-126.40	-1331.02	-47.06	-557.46	-166.03
11737	-5.47	-2.50	-1.25	-148.42	-106.73	-1312.63	-34.90	-491.84	-148.66
11738	-5.45	-3.10	-1.25	-150.92	-111.00	-1300.97	-42.85	-487.73	-172.26
11739	-4.25	-2.50	-1.25	-110.01	-94.08	-1280.89	-31.23	-416.83	-153.08
11740	-4.24	-3.10	-1.25	-112.86	-98.45	-1268.40	-38.33	-413.63	-176.98
11741	-3.04	-2.50	-1.25	-84.76	-84.09	-1243.81	-27.41	-339.27	-156.05
11742	-3.03	-3.10	-1.25	-87.78	-88.50	-1230.77	-33.70	-337.06	-180.08
11743	-1.82	-2.50	-1.25	-73.03	-76.57	-1199.92	-23.62	-261.34	-157.50
11744	-1.82	-3.10	-1.25	-76.02	-80.96	-1186.63	-29.14	-260.16	-181.48
11745	-0.61	-2.50	-1.25	-74.83	-71.36	-1148.83	-20.01	-185.27	-157.41
11746	-0.61	-3.10	-1.25	-77.59	-75.68	-1135.58	-24.86	-185.08	-181.17
11747	0.58	-3.95	1.75	-244.02	-91.04	-1396.25	-32.86	-68.28	-249.13
11748	0.57	-5.05	1.75	-245.43	-101.43	-1359.82	-42.34	-74.08	-298.66
11749	0.56	-6.15	1.75	-247.19	-114.98	-1321.20	-51.73	-81.04	-345.31
11750	0.54	-7.25	1.75	-249.55	-131.75	-1280.92	-60.91	-89.10	-388.35
11751	1.73	-3.95	1.75	-286.75	-89.03	-1316.30	-30.08	26.63	-241.98
11752	1.70	-5.05	1.75	-285.56	-99.08	-1282.36	-39.30	18.15	-290.08
11753	1.67	-6.15	1.75	-284.10	-112.29	-1246.74	-48.42	8.10	-335.42
11754	1.63	-7.25	1.75	-282.69	-128.73	-1209.89	-57.28	-3.48	-377.31
11755	2.88	-3.95	1.75	-341.87	-88.61	-1229.65	-28.29	112.93	-232.91
11756	2.84	-5.06	1.75	-337.58	-98.20	-1198.68	-37.56	102.28	-279.34
11757	2.78	-6.16	1.75	-332.23	-110.94	-1166.65	-46.73	89.75	-323.12
11758	2.72	-7.25	1.75	-326.20	-126.94	-1133.97	-55.57	75.37	-363.63
11759	4.03	-3.95	1.75	-408.96	-90.02	-1139.30	-27.42	189.41	-221.99
11760	3.97	-5.06	1.75	-401.13	-98.93	-1111.64	-37.11	177.12	-266.52
11761	3.90	-6.16	1.75	-391.25	-111.00	-1083.60	-46.74	162.79	-308.55
11762	3.81	-7.25	1.75	-379.72	-126.38	-1055.59	-55.95	146.41	-347.48
11763	5.18	-3.95	1.75	-487.76	-93.64	-1048.70	-27.34	255.04	-209.22
11764	5.11	-5.06	1.75	-476.05	-101.50	-1024.53	-37.87	241.69	-251.66
11765	5.01	-6.16	1.75	-461.00	-112.58	-1000.71	-48.49	226.30	-291.77
11766	4.89	-7.25	1.75	-443.05	-127.10	-977.61	-58.61	208.81	-329.01
11767	6.34	-3.96	1.75	-578.15	-100.06	-961.82	-27.80	308.91	-194.55
11768	6.24	-5.06	1.75	-562.37	-106.28	-941.13	-39.65	295.14	-234.73
11769	6.12	-6.16	1.75	-541.63	-115.85	-921.50	-51.94	279.50	-272.82
11770	5.98	-7.26	1.75	-516.28	-129.15	-903.30	-63.70	261.89	-308.32
11771	7.49	-3.96	1.75	-680.09	-110.13	-883.26	-28.37	350.12	-177.85
11772	7.38	-5.06	1.75	-660.38	-113.89	-865.80	-42.03	336.58	-215.60
11773	7.23	-6.17	1.75	-633.60	-121.14	-850.06	-56.87	321.61	-251.66
11774	7.07	-7.26	1.75	-599.85	-132.64	-836.42	-71.32	305.04	-285.48
11775	8.64	-3.96	1.75	-793.42	-125.15	-818.60	-28.46	377.69	-158.85
11776	8.51	-5.07	1.75	-770.44	-125.33	-803.77	-44.35	365.04	-194.03
11777	8.35	-6.17	1.75	-737.76	-129.03	-791.20	-62.79	351.71	-228.14
11778	8.15	-7.26	1.75	-694.72	-137.76	-781.33	-81.41	337.53	-260.50
11779	9.79	-3.96	1.75	-917.46	-147.04	-774.84	-27.43	390.41	-137.08
11780	9.64	-5.07	1.75	-892.66	-142.35	-761.61	-45.56	379.16	-169.51
11781	9.46	-6.17	1.75	-855.16	-140.66	-750.94	-68.66	368.49	-201.87



Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
11782	9.24	-7.26	1.75	-802.47	-144.96	-743.42	-93.56	358.28	-233.21
11783	10.94	-3.96	1.75	-1050.09	-178.48	-761.32	-25.24	386.72	-111.75
11784	10.78	-5.07	1.75	-1025.79	-167.99	-748.11	-44.52	377.06	-141.04
11785	10.57	-6.17	1.75	-986.38	-158.39	-737.29	-72.74	369.83	-171.97
11786	10.33	-7.26	1.75	-925.20	-155.33	-729.71	-106.62	365.42	-203.10
11787	12.10	-3.96	1.75	-1185.98	-222.30	-791.31	-23.95	364.74	-81.95
11788	11.91	-5.07	1.75	-1164.62	-207.24	-776.01	-41.16	356.31	-107.12
11789	11.69	-6.18	1.75	-1129.21	-187.09	-761.99	-72.46	352.71	-136.65
11790	11.42	-7.26	1.75	-1064.70	-171.48	-750.36	-118.12	355.85	-168.86
11791	13.25	-3.96	1.75	-1314.32	-278.64	-884.24	-30.79	323.04	-47.55
11792	13.05	-5.08	1.75	-1294.95	-266.36	-864.32	-40.31	315.17	-66.70
11793	12.80	-6.18	1.75	-1272.66	-236.49	-843.06	-65.92	314.34	-93.40
11794	12.50	-7.26	1.75	-1219.35	-199.88	-821.25	-122.77	325.48	-127.49
11795	14.40	-3.96	1.75	-1417.06	-337.14	-1066.78	-61.61	264.03	-11.28
11796	14.18	-5.08	1.75	-1386.26	-346.10	-1039.07	-59.47	256.18	-23.15
11797	13.91	-6.18	1.75	-1384.53	-321.09	-1005.73	-58.66	257.72	-43.17
11798	13.59	-7.26	1.75	-1374.46	-257.52	-966.10	-111.97	274.60	-74.53
11799	15.55	-3.96	1.75	-1469.34	-369.77	-1358.98	-139.12	207.76	19.32
11800	15.32	-5.08	1.75	-1386.41	-421.02	-1319.10	-132.88	194.36	7.95
11801	15.03	-6.18	1.75	-1396.72	-439.94	-1267.34	-77.10	202.79	-7.07
11802	14.68	-7.26	1.75	-1484.54	-374.62	-1203.60	-82.73	227.26	-18.13
11803	16.70	-3.96	1.75	-1455.84	-335.71	-1657.99	-286.31	210.72	30.68
11804	16.45	-5.08	1.75	-1221.43	-438.37	-1601.43	-275.74	148.11	10.10
11805	16.14	-6.18	1.75	-1206.53	-496.79	-1527.77	-147.28	162.17	-46.81
11806	15.77	-7.27	1.75	-1471.58	-522.07	-1452.44	-54.27	236.23	-28.25
11807	17.86	-3.96	1.75	-1325.85	-447.73	-1768.19	-508.52	314.48	87.10
11808	17.59	-5.08	1.75	-804.66	-325.18	-1638.20	-247.46	88.98	-67.05
11809	17.25	-6.19	1.75	-790.71	-313.52	-1545.75	-216.09	45.14	-166.00
11810	16.85	-7.27	1.75	-1239.97	-435.49	-1495.44	32.93	254.43	-303.51
11811	0.59	-3.95	0.25	-186.92	-91.82	-1212.89	-31.44	-96.63	-231.08
11812	0.58	-5.05	0.25	-191.06	-103.98	-1181.93	-40.58	-100.26	-275.52
11813	0.57	-6.15	0.25	-196.22	-119.45	-1149.68	-49.72	-104.60	-316.90
11814	0.56	-7.25	0.25	-202.59	-138.24	-1116.82	-58.76	-109.64	-354.72
11815	1.76	-3.95	0.25	-221.86	-89.94	-1142.93	-28.03	-17.11	-225.46
11816	1.74	-5.05	0.25	-223.83	-101.71	-1113.88	-36.67	-22.94	-268.83
11817	1.71	-6.15	0.25	-226.28	-116.79	-1083.90	-45.35	-29.76	-309.23
11818	1.67	-7.25	0.25	-229.47	-135.19	-1053.63	-53.95	-37.56	-346.20
11819	2.94	-3.95	0.25	-269.14	-89.97	-1068.34	-25.51	54.55	-217.99
11820	2.90	-5.06	0.25	-268.47	-101.19	-1041.66	-33.93	47.01	-260.08
11821	2.84	-6.16	0.25	-267.61	-115.71	-1014.51	-42.43	38.31	-299.33
11822	2.78	-7.25	0.25	-266.86	-133.59	-987.46	-50.83	28.45	-335.30
11823	4.12	-3.95	0.25	-328.11	-92.07	-992.00	-23.86	116.99	-208.74
11824	4.06	-5.06	0.25	-324.43	-102.50	-967.99	-32.37	108.31	-249.37
11825	3.98	-6.16	0.25	-319.72	-116.26	-943.99	-41.04	98.43	-287.32
11826	3.89	-7.25	0.25	-314.31	-133.44	-920.55	-49.57	87.32	-322.18
11827	5.29	-3.95	0.25	-398.08	-96.53	-917.35	-22.97	169.10	-197.72
11828	5.22	-5.06	0.25	-391.17	-105.83	-896.10	-31.92	159.88	-236.72
11829	5.12	-6.16	0.25	-382.17	-118.52	-875.37	-41.20	149.59	-273.28
11830	5.01	-7.25	0.25	-371.41	-134.78	-855.64	-50.30	138.18	-306.99
11831	6.47	-3.95	0.25	-478.24	-103.78	-848.53	-22.63	209.92	-184.87
11832	6.37	-5.06	0.25	-468.09	-111.48	-829.89	-32.41	200.80	-222.11
11833	6.26	-6.16	0.25	-454.53	-122.66	-812.23	-42.85	190.96	-257.25
11834	6.12	-7.26	0.25	-437.82	-137.67	-796.00	-53.11	180.30	-289.85
11835	7.64	-3.96	0.25	-567.47	-114.50	-790.46	-22.54	238.69	-170.03
11836	7.53	-5.06	0.25	-554.41	-119.94	-774.02	-33.51	230.29	-205.40
11837	7.40	-6.16	0.25	-536.35	-128.96	-758.88	-45.73	221.80	-239.18
11838	7.23	-7.26	0.25	-513.25	-142.24	-745.51	-57.97	213.09	-270.83
11839	8.82	-3.96	0.25	-663.98	-129.62	-749.17	-22.35	254.95	-152.88
11840	8.69	-5.07	0.25	-648.81	-132.06	-734.16	-34.72	247.76	-186.24
11841	8.53	-6.17	0.25	-626.87	-137.99	-720.56	-49.41	241.47	-218.83
11842	8.34	-7.26	0.25	-597.37	-148.75	-708.89	-64.67	236.02	-249.88
11843	10.00	-3.96	0.25	-764.59	-150.45	-732.19	-22.00	258.87	-132.96
11844	9.85	-5.07	0.25	-748.72	-149.19	-717.48	-35.51	253.11	-164.07
11845	9.67	-6.17	0.25	-724.50	-150.79	-703.89	-53.10	249.63	-195.68
11846	9.46	-7.26	0.25	-689.50	-157.73	-692.05	-72.68	248.71	-226.73
11847	11.17	-3.96	0.25	-863.61	-178.40	-749.06	-22.33	252.16	-109.85
11848	11.01	-5.07	0.25	-848.85	-173.51	-733.16	-35.78	247.54	-138.05
11849	10.81	-6.17	0.25	-825.48	-169.37	-717.48	-55.78	246.85	-168.74
11850	10.57	-7.26	0.25	-787.82	-170.38	-702.69	-80.93	251.32	-200.62
11851	12.35	-3.96	0.25	-951.48	-213.97	-811.54	-26.47	240.06	-83.93
11852	12.17	-5.07	0.25	-938.86	-207.88	-792.67	-37.21	235.81	-107.73
11853	11.95	-6.17	0.25	-921.39	-197.44	-772.33	-56.57	236.55	-136.60
11854	11.68	-7.26	0.25	-887.79	-189.19	-750.89	-87.51	245.76	-169.97
11855	13.52	-3.96	0.25	-1014.30	-253.63	-931.98	-41.61	235.10	-58.19
11856	13.33	-5.07	0.25	-1000.59	-254.30	-908.08	-46.06	230.72	-75.11
11857	13.09	-6.18	0.25	-994.89	-241.13	-880.52	-56.32	229.80	-98.62
11858	12.79	-7.26	0.25	-979.16	-219.19	-848.61	-89.15	239.32	-132.10
11859	14.70	-3.96	0.25	-1037.60	-283.94	-1115.99	-79.12	262.28	-40.65
11860	14.49	-5.08	0.25	-1007.61	-307.95	-1084.40	-76.82	259.70	-49.58
11861	14.22	-6.18	0.25	-1014.95	-306.95	-1047.12	-60.97	253.94	-60.04
11862	13.91	-7.26	0.25	-1041.95	-270.67	-1003.37	-80.64	252.89	-84.43
11863	15.88	-3.96	0.25	-1017.33	-282.59	-1339.62	-148.87	357.92	-39.88
11864	15.65	-5.08	0.25	-930.41	-343.53	-1296.82	-147.20	361.91	-50.36
11865	15.36	-6.18	0.25	-936.73	-386.02	-1246.25	-84.22	355.17	-42.87
11866	15.02	-7.26	0.25	-1044.23	-357.14	-1194.16	-55.91	330.05	-33.62
11867	17.05	-3.96	0.25	-970.47	-246.61	-1550.52	-255.34	538.69	-45.34
11868	16.81	-5.08	0.25	-731.93	-344.36	-1511.54	-249.43	548.67	-58.57
11869	16.50	-6.18	0.25	-700.49	-403.02	-1434.44	-118.27	549.33	-88.58
11870	16.13	-7.26	0.25	-953.37	-448.67	-1363.50	-11.61	519.40	-27.90
11871	18.23	-3.96	0.25	-790.13	-428.96	-1578.66	-479.35	691.59	227.93
11872	17.96	-5.08	0.25	-191.15	-229.25	-1465.98	-174.32	598.96	92.73
11873	17.64	-6.19	0.25	-150.77	-179.99	-1404.62	-133.87	559.89	-2.43
11874	17.25	-7.27	0.25	-616.79	-286.46	-1333.43	151.68	632.05	-235.49
11875	0.60	-3.95	-1.25	-96.36	-80.30	-1058.98	-27.06	-115.02	-211.00
11876	0.59	-5.05	-1.25	-103.01	-93.08	-1033.36	-35.04	-116.81	-249.88
11877	0.58	-6.15	-1.25	-111.25	-109.17	-1007.10	-43.12	-118.93	-285.68
11878	0.57	-7.25	-1.25	-121.25	-128.56	-980.91	-51.23	-121.39	-318.02
11879	1.80	-3.95	-1.25	-122.37	-79.05	-997.53	-23.08	-50.71	-206.79
11880	1.77	-5.05	-1.25	-127.34	-91.41	-973.28	-30.33	-54.24	-244.91

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
11881	1.74	-6.15	-1.25	-133.51	-107.09	-948.65	-37.75	-58.29	-280.03
11882	1.71	-7.25	-1.25	-141.04	-126.04	-924.29	-45.26	-62.87	-311.76
11883	3.00	-3.95	-1.25	-159.83	-79.84	-933.54	-19.84	6.66	-200.86
11884	2.96	-5.06	-1.25	-162.75	-91.63	-911.06	-26.59	1.83	-238.03
11885	2.91	-6.16	-1.25	-166.35	-106.72	-888.50	-33.58	-3.61	-272.32
11886	2.84	-7.25	-1.25	-170.84	-125.11	-866.46	-40.68	-9.66	-303.33
11887	4.20	-3.95	-1.25	-207.83	-82.77	-869.74	-17.35	55.83	-193.25
11888	4.14	-5.06	-1.25	-208.45	-93.76	-849.23	-23.84	50.22	-229.30
11889	4.07	-6.16	-1.25	-209.11	-108.07	-828.96	-30.68	44.04	-262.64
11890	3.98	-7.25	-1.25	-210.02	-125.73	-809.50	-37.62	37.25	-292.86
11891	5.40	-3.95	-1.25	-265.24	-87.99	-809.52	-15.55	95.85	-183.95
11892	5.32	-5.06	-1.25	-263.47	-97.92	-790.96	-22.06	90.01	-218.74
11893	5.23	-6.16	-1.25	-260.94	-111.18	-772.95	-29.06	83.79	-251.05
11894	5.12	-7.25	-1.25	-257.88	-127.93	-756.00	-36.18	77.11	-280.46
11895	6.60	-3.95	-1.25	-330.59	-95.78	-756.93	-14.31	126.12	-172.89
11896	6.51	-5.06	-1.25	-326.55	-104.28	-740.08	-21.11	120.58	-206.28
11897	6.39	-6.16	-1.25	-320.85	-116.18	-723.98	-28.65	115.04	-237.54
11898	6.26	-7.26	-1.25	-313.62	-131.75	-709.14	-36.34	109.41	-266.18
11899	7.80	-3.96	-1.25	-401.91	-106.52	-716.80	-13.48	146.50	-159.90
11900	7.69	-5.06	-1.25	-396.04	-113.19	-701.13	-20.77	141.72	-191.74
11901	7.56	-6.16	-1.25	-387.52	-123.27	-686.26	-29.23	137.55	-221.98
11902	7.40	-7.26	-1.25	-376.22	-137.32	-672.69	-38.01	133.92	-250.02
11903	9.00	-3.96	-1.25	-476.40	-120.72	-694.76	-12.98	157.73	-144.69
11904	8.87	-5.07	-1.25	-469.50	-125.17	-679.48	-20.82	153.95	-174.79
11905	8.72	-6.17	-1.25	-459.05	-132.88	-664.75	-30.49	151.66	-204.07
11906	8.53	-7.26	-1.25	-444.35	-144.88	-651.10	-40.91	150.88	-231.79
11907	10.20	-3.96	-1.25	-550.10	-138.92	-697.19	-13.10	162.12	-126.99
11908	10.06	-5.07	-1.25	-543.29	-141.01	-681.22	-21.15	159.25	-154.93
11909	9.88	-6.17	-1.25	-532.54	-145.76	-665.19	-31.98	158.85	-183.24
11910	9.67	-7.26	-1.25	-516.02	-154.94	-649.61	-44.52	161.40	-211.01
11911	11.40	-3.96	-1.25	-617.69	-161.33	-730.60	-14.94	164.87	-106.86
11912	11.24	-5.07	-1.25	-612.05	-161.73	-712.75	-22.28	162.34	-131.75
11913	11.05	-6.17	-1.25	-603.44	-163.20	-693.80	-33.35	163.03	-158.64
11914	10.81	-7.26	-1.25	-588.17	-168.49	-674.04	-48.06	168.40	-186.76
11915	12.60	-3.96	-1.25	-673.29	-186.86	-799.94	-20.98	176.11	-85.47
11916	12.42	-5.07	-1.25	-668.76	-188.13	-778.99	-26.10	173.10	-105.66
11917	12.21	-6.17	-1.25	-665.12	-187.17	-755.78	-34.79	172.73	-129.45
11918	11.95	-7.26	-1.25	-656.26	-187.29	-729.90	-50.45	178.37	-157.49
11919	13.80	-3.96	-1.25	-714.03	-211.25	-904.42	-34.95	212.81	-66.36
11920	13.61	-5.07	-1.25	-707.11	-219.23	-878.97	-36.84	209.29	-79.59
11921	13.37	-6.18	-1.25	-709.75	-219.94	-851.14	-37.87	204.55	-96.04
11922	13.09	-7.26	-1.25	-714.78	-214.19	-819.25	-50.31	204.31	-121.08
11923	15.00	-3.96	-1.25	-748.13	-225.63	-1030.92	-59.04	296.98	-55.10
11924	14.79	-5.08	-1.25	-729.03	-248.58	-998.11	-60.22	296.20	-60.98
11925	14.53	-6.18	-1.25	-733.32	-261.34	-966.20	-46.55	285.02	-62.68
11926	14.22	-7.26	-1.25	-760.33	-253.27	-933.45	-46.34	268.44	-75.66
11927	16.20	-3.96	-1.25	-803.89	-225.29	-1157.70	-87.50	445.75	-51.22
11928	15.97	-5.08	-1.25	-757.15	-261.89	-1112.76	-94.13	455.86	-57.04
11929	15.70	-6.18	-1.25	-749.48	-297.91	-1072.09	-65.45	443.07	-41.36
11930	15.36	-7.26	-1.25	-800.20	-305.67	-1047.86	-40.59	400.45	-24.23
11931	17.40	-3.96	-1.25	-919.56	-232.71	-1274.49	-101.83	665.35	-28.86
11932	17.16	-5.08	-1.25	-833.23	-254.72	-1213.66	-113.76	691.11	-35.37
11933	16.86	-6.18	-1.25	-800.14	-282.29	-1146.67	-78.32	679.98	-43.42
11934	16.50	-7.26	-1.25	-870.49	-331.04	-1112.41	-42.25	618.06	3.75
11935	18.60	-3.96	-1.25	-1112.88	-397.46	-1745.63	-183.94	1049.51	188.58
11936	18.34	-5.08	-1.25	-963.87	-291.51	-1886.34	-93.92	1081.75	94.67
11937	18.02	-6.18	-1.25	-919.75	-243.87	-1786.66	-106.52	1023.87	21.24
11938	17.64	-7.27	-1.25	-970.12	-281.08	-1465.75	-29.97	922.20	-124.59
11939	-17.86	-3.97	1.75	-298.27	-296.95	-2990.89	45.45	-903.66	-48.44
11940	-17.59	-5.09	1.74	-299.95	-284.44	-2953.54	52.72	-890.37	-68.25
11941	-17.25	-6.19	1.74	-304.61	-268.84	-2915.74	57.29	-879.22	-89.77
11942	-16.85	-7.27	1.75	-312.09	-250.71	-2875.99	60.42	-870.40	-109.27
11943	-16.70	-3.96	1.75	-420.01	-297.13	-2667.90	19.76	-1059.33	-97.20
11944	-16.45	-5.08	1.74	-413.64	-286.94	-2646.15	21.67	-1041.42	-127.02
11945	-16.14	-6.19	1.74	-407.46	-273.46	-2624.83	22.70	-1021.93	-155.82
11946	-15.76	-7.27	1.75	-401.48	-256.91	-2602.69	24.51	-1000.17	-181.35
11947	-15.55	-3.96	1.75	-540.82	-290.49	-2346.13	-13.96	-1119.99	-128.74
11948	-15.32	-5.08	1.74	-529.02	-284.67	-2336.01	-19.56	-1101.74	-165.40
11949	-15.02	-6.18	1.74	-516.00	-276.90	-2328.10	-24.29	-1081.04	-200.54
11950	-14.68	-7.26	1.75	-501.56	-267.20	-2321.59	-27.16	-1057.25	-233.26
11951	-14.40	-3.96	1.75	-580.55	-270.19	-2087.94	-37.69	-1110.42	-147.20
11952	-14.18	-5.08	1.75	-568.00	-268.46	-2082.65	-48.44	-1092.50	-187.26
11953	-13.91	-6.18	1.75	-553.73	-266.02	-2080.53	-57.60	-1072.04	-225.86
11954	-13.59	-7.26	1.75	-537.75	-262.67	-2081.15	-64.58	-1048.73	-262.56
11955	-13.25	-3.96	1.75	-572.70	-247.20	-1910.90	-53.34	-1081.20	-162.63
11956	-13.05	-5.08	1.75	-561.21	-248.82	-1905.76	-67.35	-1062.56	-205.02
11957	-12.80	-6.18	1.75	-548.14	-250.62	-1903.96	-79.52	-1041.38	-245.80
11958	-12.50	-7.26	1.75	-533.62	-252.25	-1905.36	-89.41	-1017.57	-284.66
11959	-12.10	-3.96	1.75	-537.54	-224.22	-1794.94	-63.22	-1042.81	-177.73
11960	-11.91	-5.07	1.75	-528.05	-228.54	-1787.29	-79.13	-1023.10	-222.11
11961	-11.69	-6.18	1.75	-517.35	-233.68	-1782.67	-93.16	-1000.77	-264.53
11962	-11.42	-7.26	1.75	-505.62	-239.18	-1781.18	-104.85	-975.93	-304.76
11963	-10.94	-3.96	1.75	-487.46	-202.53	-1723.59	-68.77	-996.22	-192.90
11964	-10.78	-5.07	1.75	-480.48	-209.01	-1711.74	-85.62	-975.65	-239.15
11965	-10.57	-6.17	1.75	-472.76	-216.78	-1702.32	-100.60	-952.42	-283.00
11966	-10.33	-7.26	1.75	-464.42	-225.37	-1695.66	-113.30	-926.72	-324.26
11967	-9.79	-3.96	1.75	-430.43	-182.66	-1683.11	-70.92	-939.82	-207.75
11968	-9.64	-5.07	1.75	-426.21	-190.82	-1666.11	-87.97	-919.06	-255.74
11969	-9.46	-6.17	1.75	-421.73	-200.67	-1650.77	-103.28	-895.64	-300.90
11970	-9.24	-7.26	1.75	-417.08	-211.74	-1637.61	-116.46	-869.86	-343.00
11971	-8.64	-3.96	1.75	-372.23	-164.82	-1662.13	-70.34	-872.14	-221.61
11972	-8.51	-5.07	1.75	-370.80	-174.25	-1639.64	-87.06	-852.10	-271.15
11973	-8.35	-6.17	1.75	-369.57	-185.70	-1617.96	-102.25	-829.50	-317.48
11974	-8.15	-7.26	1.75	-368.58	-198.73	-1597.77	-115.53	-804.68	-360.30
11975	-7.49	-3.96	1.75	-317.46	-149.10	-1651.08	-67.61	-792.70	-233.80
11976	-7.37	-5.07	1.75	-318.62	-159.42	-1623.31	-83.63	-774.36	-284.62
11977	-7.23	-6.17	1.75	-320.38	-172.03	-1595.48	-98.37	-753.68	-331.95
11978	-7.07	-7.26	1.75	-322.75	-186.56	-1568.42	-111.48	-730.97	-375.39
11979	-6.34	-3.96	1.75	-269.88	-135.45	-1642.02	-63.32	-702.25	-243.80

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
11980	-6.24	-5.06	1.75	-273.19	-146.34	-1609.63	-78.39	-686.52	-295.57
11981	-6.12	-6.16	1.75	-277.43	-159.75	-1576.38	-92.45	-668.77	-343.67
11982	-5.98	-7.26	1.75	-282.59	-175.36	-1543.20	-105.20	-649.27	-387.63
11983	-5.18	-3.95	1.75	-232.44	-123.80	-1628.66	-58.03	-602.65	-251.24
11984	-5.11	-5.06	1.75	-237.28	-134.97	-1592.67	-72.01	-590.22	-303.58
11985	-5.01	-6.16	1.75	-243.29	-148.86	-1555.13	-85.25	-576.23	-352.20
11986	-4.89	-7.25	1.75	-250.44	-165.22	-1517.01	-97.49	-560.83	-396.55
11987	-4.03	-3.95	1.75	-207.25	-114.01	-1606.48	-52.28	-496.56	-255.95
11988	-3.97	-5.06	1.75	-212.88	-125.25	-1568.09	-65.14	-487.89	-308.45
11989	-3.90	-6.16	1.75	-219.80	-139.36	-1527.64	-77.49	-478.17	-357.31
11990	-3.81	-7.25	1.75	-228.01	-156.18	-1486.04	-89.12	-467.48	-401.88
11991	-2.88	-3.95	1.75	-195.58	-105.96	-1572.67	-46.55	-387.08	-257.94
11992	-2.84	-5.06	1.75	-201.22	-117.10	-1533.16	-58.33	-382.34	-310.21
11993	-2.78	-6.16	1.75	-208.14	-131.23	-1491.25	-69.80	-377.10	-358.99
11994	-2.72	-7.25	1.75	-216.37	-148.28	-1447.77	-80.75	-371.39	-403.58
11995	-1.73	-3.95	1.75	-197.93	-99.50	-1526.06	-41.23	-277.37	-257.32
11996	-1.70	-5.05	1.75	-202.83	-110.45	-1486.63	-52.05	-276.45	-309.00
11997	-1.67	-6.15	1.75	-208.84	-124.47	-1444.64	-62.68	-275.63	-357.38
11998	-1.63	-7.25	1.75	-216.08	-141.55	-1400.86	-72.98	-274.85	-401.75
11999	-0.58	-3.95	1.75	-214.22	-94.54	-1466.84	-36.61	-170.30	-254.31
12000	-0.57	-5.05	1.75	-217.67	-105.22	-1428.52	-46.64	-172.93	-305.04
12001	-0.56	-6.15	1.75	-221.95	-119.04	-1387.71	-56.56	-176.20	-352.71
12002	-0.54	-7.25	1.75	-227.21	-136.03	-1345.04	-66.24	-180.08	-396.57
12003	-18.23	-3.97	0.24	-347.40	-428.32	-3440.58	68.23	-1111.25	-89.01
12004	-17.96	-5.09	0.23	-345.48	-414.94	-3402.66	80.11	-1088.75	-122.28
12005	-17.63	-6.19	0.23	-344.57	-395.92	-3365.17	87.04	-1068.27	-158.90
12006	-17.24	-7.27	0.24	-345.13	-367.81	-3324.63	97.18	-1049.81	-187.56
12007	-17.05	-3.96	0.24	-744.51	-441.37	-2843.61	-11.58	-1295.41	-154.98
12008	-16.80	-5.09	0.23	-730.68	-437.64	-2827.25	-20.34	-1275.85	-202.09
12009	-16.49	-6.19	0.23	-715.74	-430.79	-2815.07	-29.66	-1256.36	-248.84
12010	-16.13	-7.27	0.24	-698.85	-419.01	-2805.72	-34.12	-1234.95	-290.91
12011	-15.87	-3.96	0.24	-783.93	-385.59	-2326.65	-44.37	-1179.64	-156.97
12012	-15.64	-5.08	0.23	-771.38	-386.27	-2319.92	-60.38	-1166.11	-201.89
12013	-15.36	-6.18	0.23	-757.29	-386.35	-2317.88	-75.02	-1152.34	-246.21
12014	-15.02	-7.27	0.24	-740.85	-385.44	-2320.43	-86.35	-1137.43	-289.31
12015	-14.70	-3.96	0.24	-743.23	-338.09	-2025.62	-59.61	-1084.34	-158.01
12016	-14.48	-5.08	0.24	-732.67	-341.56	-2020.77	-78.28	-1071.47	-200.90
12017	-14.22	-6.18	0.24	-720.85	-345.84	-2020.32	-95.42	-1058.24	-243.33
12018	-13.91	-7.26	0.24	-707.60	-350.66	-2024.30	-110.13	-1044.37	-285.20
12019	-13.52	-3.96	0.24	-675.65	-296.66	-1827.88	-67.55	-1011.43	-162.55
12020	-13.32	-5.08	0.24	-667.16	-302.29	-1822.74	-87.25	-997.56	-204.49
12021	-13.08	-6.18	0.24	-657.95	-309.49	-1821.56	-105.42	-983.06	-245.73
12022	-12.79	-7.26	0.24	-648.03	-317.93	-1824.45	-121.50	-967.90	-286.26
12023	-12.35	-3.96	0.24	-599.64	-261.05	-1696.12	-71.67	-951.86	-170.38
12024	-12.17	-5.08	0.24	-593.31	-268.42	-1689.06	-91.58	-936.57	-212.26
12025	-11.94	-6.18	0.24	-586.75	-277.79	-1685.43	-109.98	-920.33	-253.00
12026	-11.68	-7.26	0.24	-580.05	-288.85	-1685.46	-126.45	-903.29	-292.66
12027	-11.17	-3.96	0.25	-522.04	-230.32	-1608.37	-73.26	-896.67	-180.35
12028	-11.01	-5.07	0.24	-517.99	-239.12	-1598.23	-92.87	-880.23	-222.73
12029	-10.81	-6.17	0.24	-514.17	-250.24	-1590.93	-111.02	-862.56	-263.50
12030	-10.57	-7.26	0.25	-510.68	-263.34	-1586.79	-127.35	-843.93	-302.70
12031	-9.99	-3.96	0.25	-446.44	-203.75	-1550.62	-72.86	-839.73	-191.32
12032	-9.85	-5.07	0.24	-444.77	-213.75	-1536.63	-91.82	-822.76	-234.52
12033	-9.67	-6.17	0.24	-443.74	-226.29	-1524.83	-109.40	-804.37	-275.63
12034	-9.46	-7.26	0.25	-443.44	-241.06	-1515.63	-125.31	-784.91	-314.64
12035	-8.82	-3.96	0.25	-375.45	-180.80	-1512.43	-70.79	-777.29	-202.31
12036	-8.69	-5.07	0.24	-376.14	-191.76	-1494.23	-88.84	-760.59	-246.44
12037	-8.53	-6.17	0.24	-377.85	-205.46	-1477.53	-105.64	-742.38	-288.04
12038	-8.34	-7.26	0.25	-380.64	-221.60	-1462.88	-120.94	-723.04	-327.03
12039	-7.64	-3.96	0.25	-311.36	-161.06	-1485.52	-67.33	-707.51	-212.54
12040	-7.53	-5.07	0.24	-314.27	-172.78	-1463.14	-84.29	-691.91	-257.54
12041	-7.39	-6.17	0.24	-318.51	-187.38	-1441.57	-100.16	-674.84	-299.65
12042	-7.23	-7.26	0.25	-324.12	-204.58	-1421.49	-114.73	-656.64	-338.72
12043	-6.47	-3.96	0.25	-256.29	-144.23	-1463.09	-62.79	-630.09	-221.38
12044	-6.37	-5.06	0.24	-261.09	-156.48	-1436.92	-78.52	-616.38	-267.09
12045	-6.26	-6.16	0.24	-267.47	-171.74	-1410.92	-93.37	-601.32	-309.65
12046	-6.12	-7.26	0.25	-275.47	-189.76	-1385.85	-107.14	-585.22	-348.83
12047	-5.29	-3.95	0.25	-212.05	-130.03	-1439.73	-57.50	-545.92	-228.39
12048	-5.21	-5.06	0.24	-218.28	-142.62	-1410.45	-71.96	-534.72	-274.59
12049	-5.12	-6.16	0.24	-226.27	-158.32	-1380.78	-85.73	-522.40	-317.47
12050	-5.01	-7.26	0.25	-236.04	-176.92	-1351.53	-98.65	-509.22	-356.73
12051	-4.12	-3.95	0.25	-180.08	-118.24	-1411.38	-51.82	-456.74	-233.31
12052	-4.06	-5.06	0.25	-187.16	-131.00	-1379.89	-65.00	-448.48	-279.72
12053	-3.98	-6.16	0.25	-196.09	-146.94	-1347.53	-77.69	-439.41	-322.74
12054	-3.89	-7.25	0.25	-206.88	-165.91	-1315.15	-89.74	-429.71	-362.01
12055	-2.94	-3.95	0.25	-161.33	-108.67	-1375.36	-46.09	-364.80	-236.01
12056	-2.90	-5.06	0.25	-168.63	-121.44	-1342.63	-58.05	-359.69	-282.34
12057	-2.84	-6.16	0.25	-177.74	-137.45	-1308.70	-69.69	-354.13	-325.30
12058	-2.78	-7.25	0.25	-188.73	-156.60	-1274.40	-80.90	-348.25	-364.45
12059	-1.76	-3.95	0.25	-156.25	-101.15	-1330.26	-40.63	-272.57	-236.48
12060	-1.74	-5.05	0.25	-163.11	-113.81	-1297.29	-51.48	-270.59	-282.44
12061	-1.71	-6.15	0.25	-171.65	-129.76	-1262.90	-62.14	-268.57	-325.10
12062	-1.67	-7.25	0.25	-181.95	-148.92	-1227.92	-72.54	-266.56	-364.00
12063	-0.59	-3.95	0.25	-164.88	-95.55	-1275.87	-35.68	-182.46	-234.79
12064	-0.58	-5.05	0.25	-170.67	-108.00	-1243.54	-45.57	-183.44	-280.10
12065	-0.57	-6.15	0.25	-177.88	-123.76	-1209.77	-55.38	-184.76	-322.23
12066	-0.56	-7.25	0.25	-186.63	-142.80	-1175.28	-65.04	-186.45	-360.71
12067	-18.60	-3.97	-1.26	-1556.78	-825.55	-4238.01	-54.62	-1965.79	-246.77
12068	-18.33	-5.09	-1.28	-1528.35	-823.94	-4199.73	-89.78	-1927.98	-327.66
12069	-18.01	-6.19	-1.28	-1510.01	-828.52	-4171.37	-127.90	-1902.24	-411.41
12070	-17.63	-7.27	-1.26	-1501.35	-836.67	-4153.62	-161.72	-1887.16	-493.31
12071	-17.40	-3.97	-1.26	-1265.66	-552.96	-2647.61	-89.95	-1282.94	-171.28
12072	-17.15	-5.09	-1.28	-1249.29	-561.52	-2637.52	-123.57	-1269.64	-220.67
12073	-16.85	-6.19	-1.28	-1236.18	-573.17	-2633.28	-158.27	-1262.23	-271.28
12074	-16.50	-7.27	-1.26	-1224.87	-586.49	-2637.39	-188.52	-1259.87	-322.59
12075	-16.20	-3.96	-1.26	-1033.22	-443.94	-2203.49	-85.85	-1056.82	-149.17
12076	-15.97	-5.08	-1.28	-1023.30	-451.97	-2193.82	-115.57	-1045.88	-189.76
12077	-15.69	-6.19	-1.28	-1015.03	-463.12	-2188.95	-144.78	-1038.25	-230.81
12078	-15.36	-7.27	-1.26	-1007.82	-477.50	-2189.76	-172.08	-1033.90	-272.92

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
12079	-15.00	-3.96	-1.26	-860.71	-367.44	-1921.46	-82.12	-939.48	-143.58
12080	-14.78	-5.08	-1.27	-853.64	-375.70	-1914.01	-108.73	-928.28	-180.34
12081	-14.53	-6.18	-1.27	-847.93	-387.26	-1910.68	-134.66	-918.93	-217.12
12082	-14.22	-7.26	-1.26	-843.50	-402.07	-1911.81	-159.29	-911.42	-254.31
12083	-13.80	-3.96	-1.26	-723.77	-310.88	-1734.16	-79.28	-867.56	-145.80
12084	-13.60	-5.08	-1.27	-718.61	-319.64	-1727.19	-103.67	-855.23	-181.18
12085	-13.36	-6.18	-1.27	-714.83	-331.68	-1723.85	-127.26	-843.77	-216.09
12086	-13.08	-7.26	-1.26	-712.46	-346.87	-1724.37	-149.64	-833.25	-250.88
12087	-12.60	-3.96	-1.26	-608.24	-266.21	-1601.65	-76.95	-814.19	-152.14
12088	-12.42	-5.08	-1.27	-604.84	-275.64	-1593.98	-99.59	-800.67	-187.34
12089	-12.20	-6.18	-1.27	-602.90	-288.31	-1589.54	-121.32	-787.32	-221.60
12090	-11.95	-7.26	-1.26	-602.50	-304.12	-1588.52	-141.88	-774.35	-255.22
12091	-11.40	-3.96	-1.26	-507.06	-229.72	-1506.60	-74.57	-767.22	-160.74
12092	-11.24	-5.07	-1.27	-505.47	-239.89	-1497.21	-95.69	-752.78	-196.39
12093	-11.04	-6.18	-1.27	-505.50	-253.30	-1490.61	-115.84	-738.05	-230.66
12094	-10.81	-7.26	-1.26	-507.24	-269.82	-1487.04	-134.84	-723.29	-263.73
12095	-10.20	-3.96	-1.26	-416.81	-199.31	-1437.87	-71.76	-719.97	-170.39
12096	-10.05	-5.07	-1.27	-417.16	-210.23	-1425.98	-91.45	-705.14	-206.81
12097	-9.88	-6.17	-1.27	-419.29	-224.39	-1416.42	-110.16	-689.68	-241.42
12098	-9.67	-7.26	-1.26	-423.30	-241.66	-1409.49	-127.75	-673.91	-274.30
12099	-9.00	-3.96	-1.26	-336.25	-173.71	-1387.27	-68.29	-668.81	-180.20
12100	-8.87	-5.07	-1.26	-338.59	-185.31	-1372.41	-86.57	-654.21	-217.51
12101	-8.72	-6.17	-1.26	-342.87	-200.19	-1359.40	-103.92	-638.78	-252.60
12102	-8.53	-7.26	-1.26	-349.21	-218.18	-1348.60	-120.21	-622.84	-285.49
12103	-7.80	-3.96	-1.26	-265.36	-152.09	-1348.16	-64.10	-611.98	-189.47
12104	-7.69	-5.07	-1.26	-269.61	-164.30	-1330.19	-80.96	-598.27	-227.65
12105	-7.55	-6.17	-1.26	-275.97	-179.79	-1313.56	-96.98	-583.63	-263.27
12106	-7.39	-7.26	-1.26	-284.53	-198.42	-1298.74	-112.06	-568.37	-296.26
12107	-6.60	-3.96	-1.25	-204.77	-133.92	-1315.00	-59.26	-549.08	-197.69
12108	-6.51	-5.06	-1.26	-210.72	-146.60	-1294.08	-74.69	-536.87	-236.62
12109	-6.39	-6.16	-1.26	-218.93	-162.60	-1274.00	-89.40	-523.72	-272.71
12110	-6.26	-7.26	-1.25	-229.45	-181.74	-1255.34	-103.31	-509.94	-305.84
12111	-5.40	-3.95	-1.25	-155.35	-118.79	-1283.26	-53.90	-480.72	-204.47
12112	-5.32	-5.06	-1.26	-162.66	-131.81	-1259.82	-67.90	-470.51	-243.97
12113	-5.23	-6.16	-1.26	-172.33	-148.17	-1236.75	-81.33	-459.46	-280.43
12114	-5.12	-7.26	-1.25	-184.38	-167.70	-1214.71	-94.12	-447.82	-313.67
12115	-4.20	-3.95	-1.25	-117.93	-106.40	-1249.41	-48.24	-408.23	-209.54
12116	-4.14	-5.06	-1.26	-126.17	-119.63	-1224.07	-60.84	-400.38	-249.39
12117	-4.07	-6.16	-1.26	-136.78	-136.20	-1198.69	-73.03	-391.85	-286.08
12118	-3.98	-7.25	-1.25	-149.80	-155.99	-1173.99	-84.74	-382.85	-319.37
12119	-3.00	-3.95	-1.25	-93.15	-96.53	-1210.99	-42.50	-333.40	-212.76
12120	-2.96	-5.06	-1.25	-101.80	-109.82	-1184.48	-53.77	-328.09	-252.72
12121	-2.91	-6.16	-1.25	-112.77	-126.47	-1157.62	-64.77	-322.32	-289.47
12122	-2.84	-7.25	-1.25	-126.10	-146.36	-1131.13	-75.46	-316.25	-322.71
12123	-1.80	-3.95	-1.25	-81.34	-88.97	-1166.59	-36.92	-258.24	-214.05
12124	-1.77	-5.05	-1.25	-89.85	-102.21	-1139.69	-46.95	-255.48	-253.88
12125	-1.74	-6.15	-1.25	-100.54	-118.80	-1112.20	-56.85	-252.53	-290.50
12126	-1.71	-7.25	-1.25	-113.48	-138.64	-1084.87	-66.59	-249.47	-323.59
12127	-0.60	-3.95	-1.25	-82.51	-83.59	-1115.77	-31.72	-184.82	-213.44
12128	-0.59	-5.05	-1.25	-90.35	-96.65	-1089.23	-40.64	-184.46	-252.89
12129	-0.58	-6.15	-1.25	-100.13	-113.05	-1061.97	-49.55	-184.17	-289.21
12130	-0.57	-7.25	-1.25	-111.93	-132.73	-1034.74	-58.42	-184.01	-322.00
12131	0.53	-8.10	1.75	-251.91	-146.81	-1249.30	-67.80	-96.00	-418.88
12132	0.52	-8.70	1.75	-253.97	-158.44	-1227.01	-72.46	-101.33	-438.59
12133	1.60	-8.10	1.75	-281.82	-143.57	-1181.14	-63.92	-13.43	-407.12
12134	1.57	-8.70	1.75	-281.47	-155.08	-1161.00	-68.41	-21.14	-426.44
12135	2.66	-8.10	1.75	-321.33	-141.45	-1108.74	-62.11	63.00	-392.56
12136	2.61	-8.70	1.75	-317.93	-152.74	-1091.26	-66.46	53.37	-411.42
12137	3.73	-8.10	1.75	-370.03	-140.47	-1034.33	-62.64	132.30	-375.42
12138	3.66	-8.70	1.75	-362.91	-151.48	-1019.88	-66.98	121.28	-393.75
12139	4.79	-8.10	1.75	-427.65	-140.64	-960.56	-65.80	193.73	-355.87
12140	4.71	-8.70	1.75	-416.06	-151.32	-949.33	-70.31	181.91	-373.61
12141	5.85	-8.10	1.75	-494.12	-141.97	-890.46	-71.89	246.72	-334.07
12142	5.75	-8.70	1.75	-477.18	-152.25	-882.45	-76.82	234.77	-351.20
12143	6.92	-8.10	1.75	-569.72	-144.48	-827.50	-81.25	290.81	-310.16
12144	6.80	-8.70	1.75	-546.32	-154.31	-822.50	-86.98	279.52	-326.71
12145	7.98	-8.10	1.75	-655.18	-148.24	-775.69	-94.21	325.49	-284.28
12146	7.84	-8.70	1.75	-623.89	-157.54	-773.23	-101.33	315.83	-300.31
12147	9.05	-8.10	1.75	-751.92	-153.29	-739.90	-111.09	350.00	-256.45
12148	8.89	-8.70	1.75	-710.76	-162.05	-739.14	-120.58	343.22	-272.16
12149	10.11	-8.10	1.75	-862.35	-159.91	-726.33	-131.88	362.93	-226.44
12150	9.93	-8.70	1.75	-808.53	-167.65	-725.82	-145.64	360.73	-242.19
12151	11.18	-8.10	1.75	-989.84	-169.07	-743.66	-156.02	361.90	-193.62
12152	10.98	-8.70	1.75	-920.14	-175.45	-741.02	-177.14	366.85	-209.85
12153	12.24	-8.10	1.75	-1138.68	-182.21	-805.13	-181.66	342.69	-156.08
12154	12.02	-8.70	1.75	-1049.71	-185.65	-795.70	-216.46	358.91	-174.66
12155	13.30	-8.10	1.75	-1312.05	-206.31	-931.62	-201.12	302.10	-108.03
12156	13.07	-8.70	1.75	-1202.79	-199.20	-907.17	-263.80	332.79	-131.66
12157	14.37	-8.10	1.75	-1505.15	-271.78	-1144.42	-196.99	256.06	-39.01
12158	14.12	-8.70	1.75	-1395.33	-228.24	-1095.70	-313.80	295.02	-69.03
12159	15.43	-8.10	1.75	-1714.22	-449.26	-1396.14	-160.47	276.62	30.89
12160	15.16	-8.70	1.75	-1673.03	-351.90	-1346.52	-361.81	294.03	38.15
12161	16.50	-8.10	1.75	-2014.56	-507.79	-1473.64	-67.90	468.42	-68.93
12162	16.21	-8.70	1.75	-2309.41	-638.18	-1506.91	-493.24	452.97	130.76
12163	0.55	-8.10	0.25	-208.40	-154.99	-1091.56	-65.64	-113.99	-381.45
12164	0.54	-8.70	0.25	-213.15	-167.95	-1074.18	-70.38	-117.41	-398.72
12165	1.64	-8.10	0.25	-232.57	-151.67	-1030.51	-60.50	-44.26	-372.39
12166	1.61	-8.70	0.25	-235.29	-164.47	-1014.72	-65.01	-49.47	-389.34
12167	2.73	-8.10	0.25	-266.56	-149.69	-967.03	-57.18	19.99	-360.85
12168	2.68	-8.70	0.25	-266.68	-162.24	-953.26	-61.50	13.41	-377.48
12169	3.82	-8.10	0.25	-309.92	-149.07	-903.15	-55.92	77.81	-347.05
12170	3.75	-8.70	0.25	-306.88	-161.33	-891.67	-60.16	70.39	-363.32
12171	4.91	-8.10	0.25	-362.24	-149.82	-841.38	-56.95	128.42	-331.15
12172	4.82	-8.70	0.25	-355.45	-161.74	-832.26	-61.24	120.78	-347.07
12173	6.00	-8.10	0.25	-423.17	-151.98	-784.69	-60.46	171.24	-313.36
12174	5.90	-8.70	0.25	-412.01	-163.50	-777.80	-65.01	164.12	-328.94
12175	7.09	-8.10	0.25	-492.45	-155.59	-736.62	-66.60	205.83	-293.82
12176	6.97	-8.70	0.25	-476.21	-166.66	-731.57	-71.74	200.08	-309.15
12177	8.18	-8.10	0.25	-569.85	-160.78	-701.44	-75.47	231.84	-272.66

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
12178	8.04	-8.70	0.25	-547.77	-171.33	-697.49	-81.67	228.51	-287.90
12179	9.27	-8.10	0.25	-655.08	-167.75	-684.42	-86.98	249.06	-249.83
12180	9.11	-8.70	0.25	-626.35	-177.69	-680.38	-95.03	249.44	-265.34
12181	10.36	-8.10	0.25	-747.47	-177.00	-692.39	-100.68	257.61	-224.93
12182	10.18	-8.70	0.25	-711.35	-185.86	-686.34	-111.99	263.15	-241.27
12183	11.45	-8.10	0.25	-845.12	-189.73	-734.31	-115.46	258.82	-196.90
12184	11.26	-8.70	0.25	-801.83	-196.91	-723.45	-132.24	271.15	-214.87
12185	12.54	-8.10	0.25	-943.91	-207.80	-821.48	-129.14	257.03	-163.17
12186	12.33	-8.70	0.25	-895.62	-211.48	-801.81	-155.46	277.21	-184.82
12187	13.63	-8.10	0.25	-1037.08	-235.73	-963.73	-136.02	265.52	-118.20
12188	13.40	-8.70	0.25	-989.74	-230.82	-932.17	-180.71	289.96	-145.11
12189	14.72	-8.10	0.25	-1120.03	-288.57	-1152.07	-122.68	314.57	-51.56
12190	14.47	-8.70	0.25	-1092.21	-258.68	-1115.21	-205.09	330.13	-84.98
12191	15.81	-8.10	0.25	-1209.29	-403.42	-1331.61	-75.22	454.48	33.19
12192	15.54	-8.70	0.25	-1245.92	-335.46	-1317.91	-227.68	422.16	26.77
12193	16.90	-8.10	0.25	-1406.53	-377.46	-1340.55	43.64	691.73	-17.95
12194	16.61	-8.70	0.25	-1687.27	-492.74	-1434.78	-333.90	600.42	150.38
12195	0.56	-8.10	-1.25	-130.18	-145.78	-961.16	-57.51	-123.55	-340.59
12196	0.55	-8.70	-1.25	-137.30	-159.09	-947.75	-61.90	-125.28	-354.99
12197	1.67	-8.10	-1.25	-147.88	-142.96	-906.05	-51.10	-66.80	-333.94
12198	1.65	-8.70	-1.25	-153.44	-156.08	-893.79	-55.21	-69.89	-348.11
12199	2.79	-8.10	-1.25	-175.04	-141.61	-850.15	-46.20	-14.85	-325.06
12200	2.75	-8.70	-1.25	-178.58	-154.46	-839.32	-50.04	-18.89	-339.00
12201	3.91	-8.10	-1.25	-211.08	-141.74	-795.32	-42.97	31.46	-314.11
12202	3.84	-8.70	-1.25	-212.20	-154.28	-786.08	-46.63	26.93	-327.81
12203	5.02	-8.10	-1.25	-255.39	-143.33	-743.91	-41.56	71.45	-301.24
12204	4.94	-8.70	-1.25	-253.71	-155.52	-736.23	-45.15	67.01	-314.70
12205	6.14	-8.10	-1.25	-307.26	-146.43	-698.79	-42.05	104.72	-286.55
12206	6.04	-8.70	-1.25	-302.45	-158.23	-692.40	-45.72	101.00	-299.82
12207	7.25	-8.10	-1.25	-365.88	-151.10	-663.35	-44.43	131.09	-270.11
12208	7.14	-8.70	-1.25	-357.71	-162.47	-657.70	-48.38	128.84	-283.28
12209	8.37	-8.10	-1.25	-430.24	-157.50	-641.61	-48.55	150.83	-251.89
12210	8.24	-8.70	-1.25	-418.63	-168.37	-635.82	-53.11	150.84	-265.13
12211	9.49	-8.10	-1.25	-499.00	-165.92	-638.27	-54.07	164.87	-231.58
12212	9.33	-8.70	-1.25	-484.15	-176.17	-631.03	-59.68	167.94	-245.25
12213	10.60	-8.10	-1.25	-570.29	-176.96	-658.70	-60.28	175.51	-208.40
12214	10.43	-8.70	-1.25	-552.93	-186.25	-648.25	-67.66	182.12	-222.96
12215	11.72	-8.10	-1.25	-641.54	-191.74	-708.38	-66.07	187.79	-180.93
12216	11.53	-8.70	-1.25	-623.57	-199.63	-692.70	-76.15	197.90	-196.99
12217	12.83	-8.10	-1.25	-710.26	-211.91	-790.96	-69.77	211.32	-146.45
12218	12.63	-8.70	-1.25	-694.99	-217.10	-768.53	-84.15	223.33	-165.45
12219	13.95	-8.10	-1.25	-777.18	-240.52	-903.35	-68.58	262.85	-100.55
12220	13.73	-8.70	-1.25	-769.63	-240.71	-876.43	-90.43	271.35	-122.88
12221	15.07	-8.10	-1.25	-852.66	-284.99	-1030.99	-59.38	365.32	-36.11
12222	14.83	-8.70	-1.25	-862.16	-273.47	-1009.16	-94.80	361.97	-63.66
12223	16.18	-8.10	-1.25	-969.01	-354.15	-1141.52	-54.81	544.83	42.05
12224	15.92	-8.70	-1.25	-1005.40	-337.40	-1165.97	-107.90	514.41	28.04
12225	17.30	-8.10	-1.25	-1182.04	-337.67	-1219.33	-34.87	827.09	12.41
12226	17.02	-8.70	-1.25	-1320.64	-402.83	-1324.02	-177.20	769.73	103.05
12227	-16.50	-8.10	1.75	-318.65	-234.22	-2841.43	63.51	-862.76	-120.28
12228	-16.21	-8.70	1.75	-323.55	-223.06	-2814.04	65.42	-854.18	-128.06
12229	-15.43	-8.10	1.75	-396.61	-243.19	-2584.14	26.87	-980.86	-199.36
12230	-15.16	-8.70	1.75	-391.89	-232.64	-2569.38	28.72	-964.92	-212.11
12231	-14.37	-8.10	1.75	-489.27	-258.88	-2316.79	-27.98	-1036.28	-257.54
12232	-14.12	-8.70	1.75	-479.80	-252.62	-2313.09	-28.49	-1019.57	-274.73
12233	-13.30	-8.10	1.75	-524.37	-259.74	-2082.90	-68.48	-1028.44	-290.19
12234	-13.07	-8.70	1.75	-514.58	-257.24	-2084.46	-70.86	-1012.25	-309.53
12235	-12.24	-8.10	1.75	-521.55	-253.40	-1908.15	-95.43	-997.05	-313.89
12236	-12.02	-8.70	1.75	-512.49	-253.72	-1910.99	-98.84	-980.78	-334.18
12237	-11.18	-8.10	1.75	-495.86	-243.54	-1781.87	-112.14	-954.69	-334.85
12238	-10.98	-8.70	1.75	-488.37	-246.34	-1783.45	-116.34	-937.96	-355.68
12239	-10.11	-8.10	1.75	-457.54	-232.43	-1692.22	-121.42	-904.96	-354.88
12240	-9.93	-8.70	1.75	-452.32	-237.40	-1690.84	-126.22	-888.10	-375.99
12241	-9.05	-8.10	1.75	-413.33	-221.00	-1628.87	-125.08	-848.17	-373.93
12242	-8.89	-8.70	1.75	-410.48	-227.67	-1623.63	-130.24	-831.53	-394.94
12243	-7.98	-8.10	1.75	-367.94	-209.73	-1583.26	-124.38	-783.87	-391.39
12244	-7.84	-8.70	1.75	-367.44	-217.79	-1573.80	-129.77	-767.97	-412.25
12245	-6.92	-8.10	1.75	-324.95	-198.94	-1548.24	-120.39	-711.95	-406.62
12246	-6.80	-8.70	1.75	-326.61	-208.09	-1534.60	-125.90	-697.46	-427.32
12247	-5.85	-8.10	1.75	-287.15	-188.79	-1517.91	-114.02	-632.94	-418.99
12248	-5.75	-8.70	1.75	-290.63	-198.81	-1500.49	-119.58	-620.49	-439.56
12249	-4.79	-8.10	1.75	-256.72	-179.41	-1487.56	-106.13	-547.92	-428.00
12250	-4.71	-8.70	1.75	-261.53	-190.08	-1467.02	-111.66	-538.06	-448.48
12251	-3.73	-8.10	1.75	-235.21	-170.89	-1453.62	-97.48	-458.49	-433.39
12252	-3.66	-8.70	1.75	-240.77	-182.03	-1430.83	-102.93	-451.62	-453.78
12253	-2.66	-8.10	1.75	-223.65	-163.31	-1413.69	-88.77	-366.58	-435.07
12254	-2.61	-8.70	1.75	-229.31	-174.75	-1389.62	-94.07	-362.88	-455.36
12255	-1.60	-8.10	1.75	-222.55	-156.72	-1366.42	-80.61	-274.23	-433.09
12256	-1.57	-8.70	1.75	-227.65	-168.34	-1342.05	-85.71	-273.72	-453.26
12257	-0.53	-8.10	1.75	-232.04	-151.20	-1311.46	-73.49	-183.43	-427.62
12258	-0.52	-8.70	1.75	-235.92	-162.86	-1287.71	-78.37	-185.97	-447.61
12259	-16.90	-8.10	0.25	-347.65	-342.39	-3288.65	107.03	-1033.68	-200.71
12260	-16.61	-8.70	0.25	-346.90	-323.95	-3259.85	117.59	-1016.30	-207.58
12261	-15.81	-8.10	0.25	-683.66	-408.80	-2798.10	-33.70	-1215.00	-320.83
12262	-15.54	-8.70	0.25	-673.10	-403.27	-2791.95	-34.88	-1199.74	-344.81
12263	-14.72	-8.10	0.25	-726.97	-384.94	-2323.94	-93.02	-1124.34	-322.83
12264	-14.47	-8.70	0.25	-717.05	-384.78	-2325.63	-97.81	-1113.36	-346.90
12265	-13.63	-8.10	0.25	-696.56	-354.88	-2029.09	-119.75	-1032.30	-317.82
12266	-13.40	-8.70	0.25	-688.53	-358.16	-2032.74	-126.23	-1022.11	-341.35
12267	-12.54	-8.10	0.25	-639.87	-325.30	-1828.55	-132.38	-954.96	-317.79
12268	-12.33	-8.70	0.25	-633.70	-330.84	-1832.09	-139.51	-944.47	-340.43
12269	-11.45	-8.10	0.25	-574.66	-298.48	-1687.27	-137.76	-888.94	-323.25
12270	-11.26	-8.70	0.25	-570.53	-305.79	-1689.30	-145.14	-877.52	-345.01
12271	-10.36	-8.10	0.25	-508.05	-274.79	-1585.18	-138.67	-828.38	-332.55
12272	-10.18	-8.70	0.25	-506.05	-283.53	-1584.73	-146.03	-816.28	-353.57
12273	-9.27	-8.10	0.25	-443.55	-253.99	-1509.88	-136.41	-768.75	-343.92
12274	-9.11	-8.70	0.25	-443.67	-263.87	-1506.45	-143.64	-756.35	-364.19
12275	-8.18	-8.10	0.25	-383.38	-235.70	-1452.65	-131.70	-707.02	-355.86
12276	-8.04	-8.70	0.25	-385.53	-246.47	-1445.98	-138.71	-694.82	-375.51

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
12277	-7.09	-8.10	0.25	-329.26	-219.63	-1406.80	-125.06	-641.59	-367.23
12278	-6.97	-8.70	0.25	-333.26	-231.12	-1396.91	-131.81	-630.17	-386.38
12279	-6.00	-8.10	0.25	-282.63	-205.54	-1367.07	-117.00	-571.93	-377.10
12280	-5.90	-8.70	0.25	-288.19	-217.59	-1354.21	-123.48	-561.87	-395.86
12281	-4.91	-8.10	0.25	-244.71	-193.23	-1329.30	-108.01	-498.33	-384.81
12282	-4.82	-8.70	0.25	-251.44	-205.72	-1313.94	-114.21	-490.13	-403.25
12283	-3.82	-8.10	0.25	-216.43	-182.59	-1290.33	-98.59	-421.73	-389.91
12284	-3.75	-8.70	0.25	-223.86	-195.38	-1273.10	-104.50	-415.73	-408.10
12285	-2.73	-8.10	0.25	-198.45	-173.50	-1247.96	-89.22	-343.44	-392.16
12286	-2.68	-8.70	0.25	-206.05	-186.47	-1229.59	-94.83	-339.86	-410.12
12287	-1.64	-8.10	0.25	-191.11	-165.88	-1200.90	-80.35	-265.00	-391.47
12288	-1.61	-8.70	0.25	-198.32	-178.95	-1182.14	-85.66	-263.88	-409.22
12289	-0.55	-8.10	0.25	-194.49	-159.72	-1148.67	-72.37	-188.01	-387.87
12290	-0.54	-8.70	0.25	-200.72	-172.76	-1130.26	-77.39	-189.26	-405.40
12291	-17.30	-8.10	-1.25	-1490.19	-831.18	-4138.32	-164.01	-1871.05	-542.05
12292	-17.02	-8.70	-1.25	-1475.57	-831.85	-4125.82	-175.84	-1851.11	-583.72
12293	-16.18	-8.10	-1.25	-1214.34	-597.41	-2643.73	-205.84	-1257.42	-364.25
12294	-15.92	-8.70	-1.25	-1206.27	-607.45	-2644.32	-220.98	-1251.07	-392.92
12295	-15.07	-8.10	-1.25	-1002.10	-490.29	-2191.46	-190.95	-1029.86	-306.43
12296	-14.83	-8.70	-1.25	-997.70	-500.15	-2191.32	-204.46	-1024.19	-330.25
12297	-13.95	-8.10	-1.25	-840.15	-415.33	-1914.00	-176.85	-904.86	-283.83
12298	-13.73	-8.70	-1.25	-836.86	-425.63	-1914.85	-189.06	-897.88	-304.73
12299	-12.83	-8.10	-1.25	-710.81	-360.57	-1726.10	-165.80	-824.30	-278.23
12300	-12.63	-8.70	-1.25	-709.01	-371.23	-1727.10	-177.05	-816.33	-297.78
12301	-11.72	-8.10	-1.25	-602.60	-318.38	-1589.03	-156.84	-763.49	-281.29
12302	-11.53	-8.70	-1.25	-602.42	-329.50	-1589.37	-167.19	-754.38	-299.62
12303	-10.60	-8.10	-1.25	-509.21	-284.63	-1485.48	-148.64	-711.00	-288.95
12304	-10.43	-8.70	-1.25	-510.46	-296.08	-1484.39	-158.01	-701.08	-306.47
12305	-9.49	-8.10	-1.25	-427.20	-257.07	-1405.21	-140.51	-660.84	-298.95
12306	-9.33	-8.70	-1.25	-430.03	-269.04	-1402.27	-149.16	-650.51	-315.81
12307	-8.37	-8.10	-1.25	-355.08	-234.17	-1341.21	-132.06	-609.66	-309.74
12308	-8.24	-8.70	-1.25	-359.49	-246.53	-1336.11	-140.03	-599.37	-326.08
12309	-7.25	-8.10	-1.25	-292.29	-214.91	-1288.10	-123.04	-555.77	-320.24
12310	-7.14	-8.70	-1.25	-298.19	-227.62	-1280.74	-130.42	-546.03	-336.17
12311	-6.14	-8.10	-1.25	-238.85	-198.65	-1241.59	-113.49	-498.58	-329.62
12312	-6.04	-8.70	-1.25	-246.05	-211.66	-1232.05	-120.33	-489.85	-345.23
12313	-5.02	-8.10	-1.25	-195.07	-184.93	-1198.24	-103.54	-438.24	-337.30
12314	-4.94	-8.70	-1.25	-203.30	-198.18	-1186.80	-109.90	-430.92	-352.65
12315	-3.91	-8.10	-1.25	-161.31	-173.43	-1155.37	-93.45	-375.46	-342.85
12316	-3.84	-8.70	-1.25	-170.21	-186.83	-1142.45	-99.35	-369.85	-357.98
12317	-2.79	-8.10	-1.25	-137.88	-163.90	-1111.07	-83.49	-311.30	-346.03
12318	-2.75	-8.70	-1.25	-147.03	-177.40	-1097.19	-88.97	-307.57	-360.97
12319	-1.67	-8.10	-1.25	-124.91	-156.18	-1064.15	-73.99	-247.04	-346.71
12320	-1.65	-8.70	-1.25	-133.85	-169.69	-1049.87	-79.08	-245.23	-361.48
12321	-0.56	-8.10	-1.25	-122.42	-150.16	-1014.11	-65.24	-184.01	-344.89
12322	-0.55	-8.70	-1.25	-130.65	-163.59	-1000.01	-69.96	-184.06	-359.48
12323	10.96	-9.46	1.75	-847.50	-190.87	-749.04	-203.20	374.20	-219.21
12324	11.94	-9.42	1.75	-948.84	-201.40	-801.62	-250.72	376.77	-185.42
12325	12.91	-9.37	1.75	-1064.84	-214.77	-899.10	-312.37	366.67	-147.22
12326	11.13	-10.38	1.75	-758.59	-215.34	-771.86	-230.84	385.99	-218.26
12327	11.99	-10.25	1.75	-826.57	-227.22	-824.07	-278.96	396.69	-185.03
12328	12.83	-10.10	1.75	-899.83	-245.29	-906.68	-341.47	400.49	-148.77
12329	11.30	-11.30	1.75	-654.11	-235.95	-805.52	-240.48	397.52	-207.40
12330	12.02	-11.07	1.75	-694.07	-247.05	-851.78	-282.48	412.94	-175.17
12331	12.74	-10.83	1.75	-739.51	-268.74	-917.68	-331.51	424.26	-139.09
12332	0.53	-9.82	1.75	-260.22	-181.27	-1187.31	-80.51	-110.80	-470.41
12333	1.58	-9.81	1.75	-284.39	-177.39	-1122.44	-75.84	-32.12	-456.86
12334	2.64	-9.80	1.75	-316.97	-174.37	-1055.07	-73.54	41.34	-439.89
12335	3.69	-9.78	1.75	-357.46	-172.27	-987.19	-74.03	108.73	-419.83
12336	4.74	-9.75	1.75	-405.42	-171.14	-921.16	-77.74	169.42	-397.01
12337	5.79	-9.72	1.75	-460.51	-171.06	-859.71	-85.15	223.01	-371.77
12338	6.84	-9.67	1.75	-522.56	-172.13	-805.94	-96.81	269.27	-344.43
12339	7.88	-9.63	1.75	-591.74	-174.47	-763.41	-113.43	308.01	-315.30
12340	8.92	-9.57	1.75	-668.59	-178.27	-736.26	-135.89	338.95	-284.67
12341	9.96	-9.51	1.75	-754.23	-183.77	-729.63	-165.37	361.46	-252.88
12342	0.55	-11.46	1.75	-272.21	-214.73	-1137.27	-90.51	-124.93	-505.75
12343	1.64	-11.44	1.75	-291.71	-210.07	-1072.25	-85.09	-46.90	-489.98
12344	2.73	-11.40	1.75	-318.99	-205.82	-1006.86	-82.30	26.45	-470.02
12345	3.82	-11.33	1.75	-353.49	-202.19	-943.00	-82.71	94.31	-446.35
12346	4.90	-11.25	1.75	-394.58	-199.36	-882.93	-86.87	156.14	-419.46
12347	5.97	-11.15	1.75	-441.73	-197.58	-829.28	-95.37	211.61	-389.86
12348	7.04	-11.02	1.75	-494.52	-197.11	-784.97	-108.86	260.60	-358.04
12349	8.10	-10.88	1.75	-552.80	-198.29	-753.29	-128.16	303.02	-324.46
12350	9.15	-10.72	1.75	-616.79	-201.53	-738.01	-154.38	338.74	-289.56
12351	10.19	-10.54	1.75	-687.48	-207.45	-743.66	-189.04	367.24	-253.67
12352	0.57	-13.10	1.75	-288.62	-241.85	-1111.13	-97.76	-141.94	-528.17
12353	1.70	-13.07	1.75	-303.01	-236.55	-1044.76	-92.00	-64.95	-510.43
12354	2.82	-12.99	1.75	-324.23	-231.11	-980.48	-88.88	8.08	-488.02
12355	3.94	-12.89	1.75	-351.61	-225.89	-919.98	-89.08	76.41	-461.45
12356	5.05	-12.75	1.75	-384.41	-221.28	-865.35	-93.23	139.59	-431.28
12357	6.16	-12.58	1.75	-421.86	-217.71	-818.96	-101.97	197.36	-398.09
12358	7.25	-12.37	1.75	-463.24	-215.68	-783.45	-115.97	249.62	-362.40
12359	8.32	-12.13	1.75	-507.96	-215.82	-761.72	-136.03	296.33	-324.67
12360	9.38	-11.86	1.75	-555.62	-218.97	-757.02	-163.28	337.43	-285.25
12361	10.41	-11.56	1.75	-606.25	-226.25	-772.88	-199.53	372.78	-244.57
12362	0.58	-14.74	1.75	-309.92	-251.27	-1129.35	-101.02	-162.82	-539.58
12363	1.75	-14.69	1.75	-319.24	-245.84	-1059.02	-96.14	-87.09	-519.91
12364	2.91	-14.59	1.75	-334.06	-239.66	-993.27	-93.58	-14.53	-495.18
12365	4.07	-14.45	1.75	-353.72	-233.26	-933.62	-94.13	54.23	-465.91
12366	5.21	-14.25	1.75	-377.39	-227.20	-881.91	-98.44	118.74	-432.66
12367	6.34	-14.01	1.75	-404.15	-222.11	-840.17	-107.10	178.74	-395.96
12368	7.45	-13.72	1.75	-433.03	-218.72	-810.65	-120.70	234.07	-356.30
12369	8.54	-13.38	1.75	-463.07	-217.86	-795.73	-139.83	284.58	-314.04
12370	9.61	-13.01	1.75	-493.37	-220.63	-797.91	-165.27	330.09	-269.36
12371	10.64	-12.59	1.75	-523.09	-228.82	-819.93	-198.08	370.45	-222.02
12372	0.60	-16.38	1.75	-330.81	-214.12	-1206.58	-96.99	-187.91	-520.97
12373	1.81	-16.32	1.75	-335.90	-210.76	-1128.35	-95.91	-114.89	-500.47
12374	3.01	-16.19	1.75	-344.66	-206.42	-1056.64	-96.52	-44.05	-474.40
12375	4.20	-16.00	1.75	-356.52	-201.63	-992.91	-99.53	23.92	-443.31

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
12376	5.37	-15.75	1.75	-370.74	-197.03	-938.79	-105.55	88.51	-407.74
12377	6.52	-15.44	1.75	-386.41	-193.34	-896.01	-115.04	149.36	-368.21
12378	7.66	-15.07	1.75	-402.56	-191.39	-866.37	-128.37	206.16	-325.21
12379	8.76	-14.64	1.75	-418.25	-192.07	-851.67	-145.81	258.60	-279.15
12380	9.83	-14.15	1.75	-432.69	-196.51	-853.72	-167.61	306.35	-230.24
12381	10.87	-13.61	1.75	-445.21	-205.87	-874.21	-193.98	349.19	-178.38
12382	0.62	-18.02	1.75	-345.24	-140.71	-1318.24	-80.48	-213.58	-427.65
12383	1.87	-17.94	1.75	-347.91	-141.01	-1229.99	-85.55	-147.73	-410.65
12384	3.10	-17.79	1.75	-352.19	-141.19	-1149.11	-91.62	-82.70	-388.29
12385	4.32	-17.56	1.75	-357.69	-141.57	-1077.20	-99.07	-19.10	-360.82
12386	5.53	-17.25	1.75	-363.91	-142.59	-1015.85	-108.19	42.57	-328.68
12387	6.71	-16.87	1.75	-370.26	-144.80	-966.68	-119.17	101.87	-292.39
12388	7.86	-16.41	1.75	-376.17	-148.79	-931.25	-132.06	158.45	-252.47
12389	8.98	-15.89	1.75	-381.16	-155.20	-911.04	-146.83	212.07	-209.45
12390	10.06	-15.30	1.75	-385.00	-164.73	-907.47	-163.42	262.55	-163.81
12391	11.10	-14.64	1.75	-388.12	-178.25	-922.09	-181.84	309.66	-115.60
12392	15.78	-9.51	1.75	-1539.01	-776.97	-1451.14	-938.91	502.37	193.52
12393	15.19	-10.51	1.75	-539.16	-462.77	-1249.04	-444.26	540.41	161.02
12394	14.54	-11.48	1.75	-454.76	-326.92	-1154.19	-303.81	491.26	94.99
12395	14.82	-9.44	1.75	-1310.82	-307.28	-1251.42	-550.21	362.37	1.98
12396	14.41	-10.32	1.75	-849.12	-369.56	-1155.27	-508.17	440.89	-12.34
12397	13.96	-11.16	1.75	-563.06	-324.85	-1075.92	-369.95	463.81	-10.51
12398	13.87	-9.38	1.75	-1185.65	-244.02	-1053.69	-402.27	353.70	-92.46
12399	13.64	-10.13	1.75	-932.57	-280.83	-1023.17	-420.41	409.49	-98.26
12400	13.38	-10.86	1.75	-708.83	-298.41	-998.67	-376.70	439.45	-91.26
12401	12.07	-13.93	1.75	-391.82	-197.77	-953.58	-201.53	353.65	-68.44
12402	11.79	-13.06	1.75	-456.47	-221.82	-908.06	-222.79	384.89	-130.92
12403	11.51	-12.19	1.75	-548.67	-241.65	-854.43	-232.85	400.61	-180.62
12404	12.96	-13.17	1.75	-397.33	-223.58	-1002.35	-224.02	397.18	-19.09
12405	12.59	-12.49	1.75	-469.88	-243.82	-953.93	-255.48	414.87	-86.04
12406	12.22	-11.81	1.75	-574.46	-257.95	-898.44	-269.27	421.55	-144.24
12407	13.79	-12.36	1.75	-404.70	-259.88	-1070.44	-253.80	441.78	34.72
12408	13.35	-11.89	1.75	-489.81	-276.90	-1015.74	-298.34	442.14	-38.98
12409	12.91	-11.42	1.75	-603.95	-276.30	-955.33	-317.94	439.08	-105.60
12410	11.25	-9.48	0.25	-757.46	-214.42	-725.62	-152.80	292.67	-228.45
12411	12.25	-9.43	0.25	-836.89	-227.46	-798.39	-182.66	308.73	-201.09
12412	13.25	-9.38	0.25	-916.68	-244.06	-915.05	-219.27	330.16	-167.29
12413	11.42	-10.43	0.25	-704.04	-243.76	-745.53	-173.19	327.85	-234.93
12414	12.30	-10.29	0.25	-761.85	-255.86	-814.62	-204.67	353.36	-208.75
12415	13.17	-10.14	0.25	-817.68	-272.28	-915.40	-244.59	383.39	-177.97
12416	11.60	-11.38	0.25	-640.79	-271.65	-780.45	-179.35	369.10	-233.88
12417	12.34	-11.14	0.25	-678.57	-281.15	-842.34	-207.96	399.07	-207.80
12418	13.08	-10.89	0.25	-716.17	-296.99	-925.82	-241.63	432.06	-177.42
12419	0.54	-9.85	0.25	-225.35	-194.49	-1043.78	-79.08	-123.69	-428.10
12420	1.62	-9.84	0.25	-244.54	-190.37	-984.76	-72.86	-56.63	-417.51
12421	2.70	-9.83	0.25	-272.55	-187.39	-924.83	-68.73	5.86	-404.02
12422	3.79	-9.81	0.25	-308.92	-185.59	-865.77	-67.06	62.99	-387.93
12423	4.86	-9.78	0.25	-353.16	-185.03	-809.79	-68.17	114.21	-369.56
12424	5.94	-9.74	0.25	-404.81	-185.78	-759.51	-72.40	159.17	-349.24
12425	7.01	-9.70	0.25	-463.48	-187.95	-718.04	-80.10	197.71	-327.33
12426	8.08	-9.65	0.25	-528.80	-191.70	-689.04	-91.63	229.88	-304.18
12427	9.15	-9.59	0.25	-600.40	-197.22	-676.96	-107.36	255.92	-280.10
12428	10.21	-9.53	0.25	-677.75	-204.78	-687.38	-127.63	276.42	-255.40
12429	0.56	-11.55	0.25	-247.57	-237.02	-1007.09	-90.78	-133.59	-462.87
12430	1.68	-11.53	0.25	-262.46	-231.78	-947.06	-83.25	-66.25	-450.22
12431	2.80	-11.49	0.25	-285.78	-227.35	-888.05	-78.04	-2.94	-434.14
12432	3.92	-11.42	0.25	-317.00	-223.86	-831.78	-75.65	55.69	-415.02
12433	5.03	-11.34	0.25	-355.55	-221.49	-780.35	-76.50	109.23	-393.31
12434	6.13	-11.23	0.25	-400.86	-220.44	-736.30	-81.03	157.50	-369.51
12435	7.23	-11.10	0.25	-452.37	-220.94	-702.57	-89.63	200.54	-344.11
12436	8.31	-10.95	0.25	-509.59	-223.29	-682.59	-102.78	238.62	-317.60
12437	9.39	-10.78	0.25	-572.00	-227.79	-680.44	-120.99	272.23	-290.44
12438	10.45	-10.60	0.25	-639.24	-234.81	-701.24	-144.89	302.15	-262.86
12439	0.58	-13.26	0.25	-277.30	-280.71	-994.84	-101.14	-147.29	-490.92
12440	1.74	-13.22	0.25	-287.37	-274.10	-932.56	-92.26	-79.45	-476.07
12441	2.90	-13.15	0.25	-305.24	-267.88	-873.51	-85.77	-14.93	-457.54
12442	4.05	-13.04	0.25	-330.35	-262.30	-819.26	-82.23	45.80	-435.74
12443	5.19	-12.89	0.25	-362.03	-257.67	-771.80	-82.13	102.51	-411.16
12444	6.32	-12.71	0.25	-399.59	-254.35	-733.45	-85.96	155.21	-384.32
12445	7.44	-12.50	0.25	-442.27	-252.73	-706.95	-94.17	204.12	-355.73
12446	8.55	-12.25	0.25	-489.31	-253.27	-695.47	-107.25	249.72	-325.85
12447	9.63	-11.97	0.25	-539.84	-256.55	-702.70	-125.84	292.70	-295.02
12448	10.69	-11.66	0.25	-592.87	-263.19	-732.93	-150.95	334.20	-263.51
12449	0.60	-14.96	0.25	-315.97	-319.92	-1022.17	-109.86	-167.19	-519.28
12450	1.80	-14.91	0.25	-321.03	-311.72	-955.56	-100.15	-98.02	-501.67
12451	3.00	-14.80	0.25	-333.10	-303.36	-894.66	-92.68	-31.43	-480.39
12452	4.18	-14.65	0.25	-351.58	-295.22	-840.89	-88.04	32.36	-455.75
12453	5.36	-14.45	0.25	-375.75	-287.73	-796.05	-86.83	93.30	-428.18
12454	6.52	-14.20	0.25	-404.78	-281.38	-762.30	-89.52	151.55	-398.09
12455	7.66	-13.90	0.25	-437.73	-276.70	-742.13	-96.59	207.46	-365.87
12456	8.78	-13.55	0.25	-473.48	-274.30	-738.43	-108.50	261.50	-331.75
12457	9.87	-13.16	0.25	-510.71	-274.82	-754.46	-125.80	314.31	-295.75
12458	10.94	-12.72	0.25	-547.80	-279.45	-793.92	-149.21	366.78	-257.21
12459	0.62	-16.66	0.25	-369.85	-340.67	-1157.09	-115.81	-199.43	-571.09
12460	1.86	-16.60	0.25	-369.64	-331.10	-1079.50	-107.40	-126.40	-548.42
12461	3.09	-16.46	0.25	-375.15	-320.52	-1010.36	-100.72	-55.25	-521.70
12462	4.32	-16.27	0.25	-385.92	-309.58	-951.08	-96.62	13.85	-491.35
12463	5.52	-16.00	0.25	-401.22	-298.83	-903.29	-95.71	80.94	-457.68
12464	6.71	-15.68	0.25	-420.08	-288.91	-868.91	-98.52	146.16	-420.97
12465	7.87	-15.29	0.25	-441.33	-280.51	-850.11	-105.51	209.73	-381.40
12466	9.01	-14.85	0.25	-463.56	-274.32	-849.23	-117.06	271.83	-338.99
12467	10.11	-14.34	0.25	-484.97	-271.11	-868.74	-133.57	332.42	-293.35
12468	11.18	-13.78	0.25	-503.58	-271.62	-911.13	-155.33	391.59	-243.62
12469	0.64	-18.36	0.25	-407.02	-192.07	-1413.94	-100.07	-242.96	-517.18
12470	1.92	-18.28	0.25	-404.08	-190.54	-1316.72	-104.45	-171.57	-495.47
12471	3.19	-18.12	0.25	-403.69	-188.58	-1229.29	-109.45	-100.89	-468.68
12472	4.45	-17.88	0.25	-405.48	-186.23	-1153.26	-115.66	-31.19	-436.92
12473	5.69	-17.56	0.25	-408.83	-184.03	-1090.36	-123.63	37.22	-400.52
12474	6.90	-17.16	0.25	-412.88	-182.55	-1042.31	-133.82	104.07	-359.73

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
12475	8.09	-16.69	0.25	-416.53	-182.42	-1010.84	-146.51	169.04	-314.74
12476	9.24	-16.15	0.25	-418.51	-184.30	-997.54	-161.82	231.72	-265.63
12477	10.35	-15.53	0.25	-417.41	-188.85	-1003.77	-179.68	291.52	-212.37
12478	11.42	-14.85	0.25	-411.50	-196.31	-1030.59	-200.23	346.92	-154.08
12479	16.19	-9.53	0.25	-1131.06	-612.57	-1429.85	-706.27	569.47	217.19
12480	15.59	-10.57	0.25	-426.53	-397.26	-1329.13	-384.44	563.87	163.74
12481	14.93	-11.57	0.25	-393.83	-301.37	-1276.46	-302.34	531.73	102.37
12482	15.21	-9.46	0.25	-1048.92	-317.72	-1279.68	-381.61	464.92	-24.02
12483	14.79	-10.37	0.25	-768.43	-368.89	-1229.28	-374.17	532.47	-50.08
12484	14.33	-11.24	0.25	-581.55	-337.59	-1176.50	-289.98	554.72	-57.58
12485	14.23	-9.39	0.25	-985.96	-272.34	-1077.75	-274.98	379.79	-115.64
12486	14.00	-10.17	0.25	-839.50	-302.13	-1050.79	-298.80	441.25	-132.92
12487	13.74	-10.92	0.25	-697.94	-320.18	-1036.14	-276.39	484.33	-135.09
12488	12.40	-14.11	0.25	-401.63	-208.68	-1074.11	-221.76	397.10	-95.29
12489	12.11	-13.21	0.25	-518.30	-277.67	-967.14	-179.79	444.38	-196.48
12490	11.83	-12.30	0.25	-578.69	-287.40	-846.31	-174.58	411.54	-223.01
12491	13.31	-13.33	0.25	-389.90	-227.19	-1132.57	-243.63	444.67	-32.58
12492	12.93	-12.62	0.25	-528.65	-288.71	-1034.07	-207.38	489.15	-148.50
12493	12.55	-11.92	0.25	-604.22	-297.34	-908.75	-201.54	447.73	-190.97
12494	14.17	-12.49	0.25	-374.97	-252.21	-1204.55	-269.69	486.67	36.71
12495	13.71	-11.99	0.25	-536.47	-306.73	-1116.33	-242.39	528.64	-94.73
12496	13.26	-11.51	0.25	-627.69	-308.74	-987.75	-237.60	482.95	-153.80
12497	11.53	-9.49	-1.25	-611.33	-218.08	-687.47	-87.40	220.71	-208.91
12498	12.56	-9.45	-1.25	-679.59	-233.54	-757.58	-98.38	251.20	-180.14
12499	13.58	-9.40	-1.25	-752.97	-253.82	-857.06	-109.83	299.68	-142.87
12500	11.72	-10.48	-1.25	-604.89	-250.41	-696.48	-95.81	261.01	-214.09
12501	12.61	-10.34	-1.25	-665.05	-263.60	-761.76	-107.06	297.79	-187.71
12502	13.51	-10.18	-1.25	-729.41	-280.40	-849.47	-120.16	347.86	-155.65
12503	11.90	-11.47	-1.25	-601.30	-286.23	-718.00	-92.68	310.37	-213.79
12504	12.66	-11.22	-1.25	-652.46	-295.57	-776.81	-102.69	349.94	-188.88
12505	13.42	-10.96	-1.25	-708.99	-308.30	-851.53	-113.54	400.43	-161.20
12506	0.55	-9.88	-1.25	-155.09	-187.67	-924.77	-70.48	-128.49	-380.15
12507	1.66	-9.87	-1.25	-168.85	-183.93	-870.63	-62.68	-73.64	-372.28
12508	2.77	-9.86	-1.25	-191.33	-181.50	-816.92	-56.61	-22.76	-361.84
12509	3.88	-9.84	-1.25	-222.03	-180.39	-765.27	-52.54	23.49	-349.07
12510	4.99	-9.81	-1.25	-260.39	-180.64	-717.71	-50.68	64.64	-334.21
12511	6.09	-9.77	-1.25	-305.78	-182.32	-676.73	-51.18	100.46	-317.52
12512	7.19	-9.72	-1.25	-357.55	-185.54	-645.24	-54.13	131.01	-299.24
12513	8.29	-9.67	-1.25	-414.99	-190.45	-626.61	-59.51	156.72	-279.54
12514	9.38	-9.62	-1.25	-477.30	-197.29	-624.76	-67.15	178.63	-258.44
12515	10.47	-9.55	-1.25	-543.63	-206.33	-644.07	-76.63	198.70	-235.80
12516	0.58	-11.65	-1.25	-187.05	-236.24	-898.54	-82.98	-133.87	-409.22
12517	1.73	-11.62	-1.25	-197.19	-231.15	-842.60	-73.29	-78.51	-399.63
12518	2.88	-11.58	-1.25	-215.95	-227.12	-788.76	-65.56	-26.57	-387.03
12519	4.02	-11.51	-1.25	-242.80	-224.24	-738.55	-60.12	21.41	-371.73
12520	5.16	-11.42	-1.25	-277.18	-222.62	-693.95	-57.24	65.10	-354.07
12521	6.29	-11.31	-1.25	-318.50	-222.43	-657.29	-57.11	104.44	-334.43
12522	7.42	-11.17	-1.25	-366.17	-223.87	-631.28	-59.83	139.68	-313.17
12523	8.53	-11.02	-1.25	-419.61	-227.18	-619.06	-65.37	171.46	-290.58
12524	9.63	-10.85	-1.25	-478.26	-232.61	-624.15	-73.59	201.00	-266.83
12525	10.72	-10.65	-1.25	-541.76	-240.39	-650.42	-84.16	230.29	-241.65
12526	0.60	-13.41	-1.25	-228.91	-292.90	-892.66	-95.82	-142.95	-431.54
12527	1.79	-13.37	-1.25	-234.91	-285.93	-833.93	-83.82	-86.78	-420.07
12528	2.98	-13.30	-1.25	-249.33	-279.74	-779.12	-73.85	-33.35	-405.40
12529	4.16	-13.18	-1.25	-271.69	-274.50	-729.68	-66.29	17.01	-387.85
12530	5.33	-13.03	-1.25	-301.46	-270.43	-687.43	-61.44	64.17	-367.79
12531	6.49	-12.85	-1.25	-338.11	-267.80	-654.50	-59.52	108.28	-345.62
12532	7.64	-12.62	-1.25	-381.12	-266.92	-633.41	-60.62	149.78	-321.73
12533	8.77	-12.37	-1.25	-430.06	-268.12	-627.00	-64.73	189.55	-296.43
12534	9.88	-12.08	-1.25	-484.57	-271.81	-638.48	-71.71	229.02	-269.81
12535	10.97	-11.75	-1.25	-544.36	-278.25	-671.01	-81.57	270.43	-241.85
12536	0.62	-15.18	-1.25	-285.60	-362.03	-927.59	-110.58	-158.87	-456.30
12537	1.85	-15.12	-1.25	-286.93	-352.20	-863.82	-95.70	-100.82	-442.28
12538	3.08	-15.02	-1.25	-296.58	-342.86	-805.90	-82.81	-44.73	-425.17
12539	4.30	-14.86	-1.25	-314.14	-334.23	-755.24	-72.28	9.29	-405.22
12540	5.50	-14.65	-1.25	-339.15	-326.64	-713.52	-64.45	61.38	-382.75
12541	6.69	-14.38	-1.25	-371.19	-320.42	-682.72	-59.53	111.91	-358.10
12542	7.87	-14.07	-1.25	-409.86	-315.97	-665.18	-57.63	161.57	-331.57
12543	9.01	-13.71	-1.25	-454.86	-313.66	-663.55	-58.76	211.45	-303.37
12544	10.13	-13.31	-1.25	-506.03	-313.90	-680.87	-62.83	263.19	-273.44
12545	11.23	-12.86	-1.25	-563.27	-317.35	-720.21	-69.77	319.02	-241.10
12546	0.64	-16.94	-1.25	-361.54	-459.49	-1004.12	-129.81	-186.78	-504.23
12547	1.91	-16.87	-1.25	-357.54	-444.65	-933.56	-110.88	-124.09	-485.94
12548	3.18	-16.74	-1.25	-362.10	-429.83	-871.53	-93.89	-62.70	-465.18
12549	4.44	-16.53	-1.25	-374.89	-415.40	-819.07	-79.28	-2.25	-441.94
12550	5.68	-16.26	-1.25	-395.55	-401.73	-777.81	-67.38	57.74	-416.38
12551	6.90	-15.92	-1.25	-423.76	-389.27	-749.70	-58.45	117.99	-388.65
12552	8.09	-15.52	-1.25	-459.24	-378.44	-737.10	-52.68	179.47	-358.82
12553	9.25	-15.06	-1.25	-501.81	-369.64	-742.78	-50.19	243.49	-326.82
12554	10.39	-14.54	-1.25	-551.32	-363.20	-770.21	-51.13	311.82	-292.22
12555	11.48	-13.96	-1.25	-607.85	-359.46	-822.76	-55.56	386.64	-254.02
12556	0.66	-18.71	-1.25	-527.50	-596.39	-1579.54	-169.87	-282.80	-766.49
12557	1.98	-18.62	-1.25	-511.33	-574.36	-1468.97	-147.68	-194.28	-730.38
12558	3.28	-18.46	-1.25	-504.55	-551.51	-1371.71	-126.72	-106.96	-691.12
12559	4.58	-18.21	-1.25	-507.08	-528.19	-1289.63	-107.68	-20.15	-649.05
12560	5.85	-17.87	-1.25	-518.82	-504.95	-1224.73	-91.21	66.94	-604.33
12561	7.10	-17.46	-1.25	-539.57	-482.37	-1179.31	-77.86	155.22	-557.05
12562	8.32	-16.97	-1.25	-569.07	-461.04	-1155.93	-68.14	245.73	-507.14
12563	9.50	-16.41	-1.25	-606.98	-441.55	-1157.40	-62.52	339.58	-454.31
12564	10.64	-15.77	-1.25	-652.86	-424.45	-1186.73	-61.46	437.92	-397.97
12565	11.73	-15.06	-1.25	-705.94	-409.93	-1247.61	-65.65	541.76	-337.03
12566	16.59	-9.55	-1.25	-1166.18	-498.12	-1551.79	-330.06	874.16	118.17
12567	15.99	-10.62	-1.25	-935.11	-416.15	-1657.26	-190.67	966.73	50.94
12568	15.32	-11.66	-1.25	-927.03	-394.20	-1635.96	-145.77	940.28	-32.69
12569	15.59	-9.48	-1.25	-955.83	-336.15	-1154.32	-168.28	549.90	-19.37
12570	15.17	-10.41	-1.25	-873.59	-363.67	-1135.21	-160.73	612.91	-56.41
12571	14.70	-11.32	-1.25	-815.71	-365.06	-1127.10	-118.61	647.86	-83.10
12572	14.59	-9.41	-1.25	-839.00	-285.34	-982.89	-127.28	393.28	-91.91
12573	14.35	-10.21	-1.25	-801.38	-310.53	-962.48	-136.70	443.78	-114.71



Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
12574	14.09	-10.99	-1.25	-760.12	-333.07	-953.84	-121.00	487.19	-127.49
12575	12.74	-14.29	-1.25	-762.87	-398.42	-1330.49	-75.53	647.95	-273.94
12576	12.44	-13.36	-1.25	-664.78	-358.32	-889.55	-63.17	460.81	-216.54
12577	12.14	-12.42	-1.25	-617.83	-322.73	-771.36	-78.16	372.58	-212.14
12578	13.67	-13.48	-1.25	-819.78	-390.83	-1432.49	-90.67	753.04	-201.86
12579	13.27	-12.75	-1.25	-718.26	-359.08	-970.48	-75.07	532.50	-174.94
12580	12.88	-12.02	-1.25	-666.86	-328.44	-832.60	-87.95	421.75	-183.92
12581	14.55	-12.61	-1.25	-877.29	-387.45	-1556.10	-113.37	857.99	-121.74
12582	14.07	-12.10	-1.25	-775.06	-362.72	-1073.37	-92.39	610.33	-127.87
12583	13.60	-11.60	-1.25	-718.80	-335.78	-910.06	-102.45	477.94	-149.81
12584	-10.98	-9.45	1.75	-484.64	-250.06	-1818.63	-115.34	-928.11	-374.02
12585	-11.95	-9.41	1.75	-502.88	-253.10	-1946.59	-95.80	-967.69	-351.46
12586	-12.92	-9.36	1.75	-501.76	-253.22	-2112.40	-67.18	-996.01	-325.35
12587	-11.17	-10.34	1.75	-481.36	-251.40	-1899.65	-105.87	-923.29	-389.55
12588	-12.02	-10.22	1.75	-489.05	-249.01	-2022.67	-83.97	-955.06	-364.84
12589	-12.86	-10.08	1.75	-482.36	-244.05	-2169.85	-55.46	-976.69	-335.63
12590	-11.35	-11.25	1.75	-469.07	-242.47	-2006.72	-86.72	-913.51	-398.00
12591	-12.07	-11.03	1.75	-468.66	-237.64	-2113.98	-65.42	-936.56	-371.93
12592	-12.78	-10.80	1.75	-457.32	-229.22	-2233.10	-39.05	-950.29	-340.18
12593	-0.53	-9.82	1.75	-244.83	-185.94	-1248.65	-87.09	-193.94	-480.52
12594	-1.60	-9.80	1.75	-238.73	-191.20	-1305.30	-95.18	-280.30	-486.18
12595	-2.66	-9.78	1.75	-242.10	-197.02	-1356.41	-104.10	-367.58	-487.66
12596	-3.72	-9.76	1.75	-254.67	-203.35	-1402.54	-113.23	-454.05	-484.92
12597	-4.77	-9.73	1.75	-275.78	-210.07	-1445.14	-121.83	-538.06	-478.06
12598	-5.82	-9.69	1.75	-304.36	-217.05	-1486.54	-129.14	-618.09	-467.35
12599	-6.87	-9.65	1.75	-338.85	-224.17	-1530.00	-134.32	-692.95	-453.24
12600	-7.91	-9.61	1.75	-377.21	-231.29	-1579.66	-136.51	-761.81	-436.28
12601	-8.94	-9.55	1.75	-416.81	-238.18	-1640.59	-134.79	-824.25	-417.11
12602	-9.98	-9.50	1.75	-454.29	-244.54	-1718.80	-128.05	-880.15	-396.30
12603	-0.56	-11.45	1.75	-260.77	-219.55	-1201.66	-98.00	-207.76	-517.14
12604	-1.68	-11.41	1.75	-258.03	-224.33	-1264.06	-106.88	-293.91	-523.23
12605	-2.79	-11.36	1.75	-264.29	-229.07	-1322.87	-116.28	-380.26	-524.14
12606	-3.89	-11.29	1.75	-278.99	-233.63	-1378.81	-125.32	-465.22	-520.01
12607	-4.98	-11.20	1.75	-301.19	-237.88	-1433.41	-133.11	-547.31	-511.16
12608	-6.06	-11.09	1.75	-329.52	-241.74	-1488.97	-138.76	-625.25	-498.04
12609	-7.12	-10.97	1.75	-362.18	-245.11	-1548.53	-141.38	-698.08	-481.26
12610	-8.17	-10.83	1.75	-396.94	-247.90	-1615.77	-140.13	-765.15	-461.42
12611	-9.21	-10.67	1.75	-431.08	-249.95	-1694.97	-134.14	-826.03	-439.10
12612	-10.24	-10.50	1.75	-461.20	-251.13	-1790.94	-122.57	-880.29	-414.55
12613	-0.59	-13.09	1.75	-281.33	-246.68	-1179.68	-105.54	-223.52	-540.95
12614	-1.76	-13.03	1.75	-281.78	-250.76	-1249.04	-114.44	-308.16	-548.06
12615	-2.91	-12.95	1.75	-290.14	-253.98	-1317.39	-123.37	-392.57	-549.33
12616	-4.05	-12.83	1.75	-305.71	-256.20	-1385.37	-131.29	-475.33	-544.99
12617	-5.17	-12.68	1.75	-327.36	-257.33	-1454.30	-137.22	-555.14	-535.44
12618	-6.27	-12.51	1.75	-353.53	-257.35	-1526.12	-140.19	-630.88	-521.19
12619	-7.35	-12.30	1.75	-382.26	-256.29	-1603.29	-139.32	-701.63	-502.77
12620	-8.42	-12.06	1.75	-411.19	-254.13	-1688.67	-133.81	-766.64	-480.65
12621	-9.46	-11.80	1.75	-437.56	-250.85	-1785.39	-122.91	-825.19	-455.10
12622	-10.49	-11.51	1.75	-458.24	-246.52	-1896.54	-106.18	-876.42	-426.14
12623	-0.61	-14.73	1.75	-306.39	-255.65	-1204.36	-107.61	-242.46	-553.91
12624	-1.81	-14.66	1.75	-309.20	-258.64	-1282.74	-114.86	-324.54	-562.41
12625	-3.00	-14.55	1.75	-318.26	-259.86	-1362.83	-121.55	-406.08	-564.57
12626	-4.18	-14.39	1.75	-332.77	-259.22	-1444.90	-126.60	-485.81	-560.55
12627	-5.33	-14.19	1.75	-351.50	-256.74	-1529.70	-128.97	-562.52	-550.63
12628	-6.46	-13.94	1.75	-372.82	-252.56	-1618.43	-127.74	-635.06	-535.18
12629	-7.56	-13.65	1.75	-394.73	-246.86	-1712.51	-122.14	-702.32	-514.51
12630	-8.64	-13.32	1.75	-414.91	-239.88	-1813.52	-111.53	-763.19	-488.85
12631	-9.69	-12.95	1.75	-430.79	-231.88	-1922.91	-95.52	-816.43	-458.18
12632	-10.72	-12.54	1.75	-439.65	-222.79	-2041.79	-74.02	-860.61	-422.18
12633	-0.62	-16.37	1.75	-329.65	-216.28	-1291.10	-99.03	-263.56	-535.63
12634	-1.86	-16.30	1.75	-332.73	-216.75	-1380.52	-101.17	-340.52	-544.19
12635	-3.08	-16.16	1.75	-339.71	-215.08	-1473.26	-102.25	-416.33	-545.71
12636	-4.28	-15.96	1.75	-349.81	-211.38	-1568.88	-101.32	-489.85	-540.25
12637	-5.46	-15.70	1.75	-361.89	-205.92	-1667.20	-97.54	-559.80	-528.01
12638	-6.61	-15.39	1.75	-374.50	-199.10	-1768.27	-90.28	-624.94	-509.23
12639	-7.74	-15.02	1.75	-386.01	-191.43	-1872.20	-79.12	-683.99	-484.24
12640	-8.84	-14.59	1.75	-394.64	-183.53	-1979.03	-63.93	-735.66	-453.40
12641	-9.90	-14.11	1.75	-398.71	-176.02	-2088.65	-44.93	-778.64	-417.05
12642	-10.93	-13.57	1.75	-396.73	-169.33	-2200.54	-22.58	-811.59	-375.48
12643	-0.63	-18.02	1.75	-344.23	-140.12	-1412.85	-75.77	-279.64	-438.91
12644	-1.88	-17.94	1.75	-345.20	-138.80	-1512.21	-70.92	-345.17	-444.26
12645	-3.13	-17.78	1.75	-347.86	-136.68	-1614.73	-65.39	-408.97	-443.06
12646	-4.35	-17.54	1.75	-351.77	-134.07	-1719.21	-58.67	-470.02	-435.66
12647	-5.56	-17.23	1.75	-356.33	-131.33	-1824.62	-50.39	-527.36	-422.39
12648	-6.74	-16.85	1.75	-360.83	-128.92	-1930.09	-40.35	-580.12	-403.73
12649	-7.89	-16.40	1.75	-364.54	-127.36	-2034.82	-28.56	-627.54	-380.33
12650	-9.01	-15.87	1.75	-366.76	-127.19	-2138.13	-15.28	-669.00	-352.99
12651	-10.09	-15.28	1.75	-366.89	-128.91	-2239.33	-0.89	-704.04	-322.64
12652	-11.12	-14.62	1.75	-364.68	-133.17	-2337.96	14.01	-732.32	-290.13
12653	-15.78	-9.51	1.75	-329.23	-210.35	-2775.67	65.46	-840.07	-142.24
12654	-15.19	-10.51	1.75	-335.58	-193.69	-2723.73	62.70	-821.66	-159.94
12655	-14.55	-11.47	1.75	-343.54	-177.41	-2666.82	58.25	-803.42	-178.22
12656	-14.83	-9.44	1.75	-382.56	-219.10	-2557.38	32.10	-940.73	-224.38
12657	-14.42	-10.31	1.75	-370.50	-200.67	-2546.17	37.74	-907.24	-233.86
12658	-13.98	-11.15	1.75	-361.63	-182.18	-2529.35	41.60	-872.25	-241.21
12659	-13.88	-9.37	1.75	-464.99	-243.64	-2325.43	-23.94	-998.36	-288.01
12660	-13.66	-10.11	1.75	-443.64	-229.40	-2353.23	-14.00	-969.41	-296.95
12661	-13.41	-10.83	1.75	-422.65	-212.31	-2378.18	-3.68	-936.52	-301.45
12662	-12.09	-13.92	1.75	-361.71	-140.10	-2429.84	27.63	-754.61	-258.68
12663	-11.83	-13.02	1.75	-389.83	-165.25	-2301.11	-0.92	-833.64	-335.53
12664	-11.57	-12.14	1.75	-440.18	-214.71	-2149.90	-51.49	-890.10	-387.91
12665	-12.97	-13.16	1.75	-357.24	-150.08	-2514.58	39.68	-773.67	-228.69
12666	-12.62	-12.46	1.75	-379.96	-165.94	-2389.12	17.61	-847.68	-298.43
12667	-12.27	-11.78	1.75	-433.64	-209.36	-2244.14	-30.57	-907.10	-355.85
12668	-13.80	-12.36	1.75	-350.85	-162.84	-2596.55	49.99	-788.57	-200.25
12669	-13.37	-11.87	1.75	-366.76	-168.99	-2475.83	34.89	-854.64	-260.55
12670	-12.94	-11.39	1.75	-420.48	-205.61	-2341.14	-8.89	-916.31	-321.21
12671	-11.26	-9.46	0.25	-580.00	-320.58	-1729.66	-151.67	-880.18	-370.56
12672	-12.26	-9.42	0.25	-636.18	-341.58	-1874.31	-143.98	-946.18	-366.96

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
12673	-13.26	-9.37	0.25	-683.96	-364.28	-2070.36	-128.71	-1020.93	-367.76
12674	-11.47	-10.39	0.25	-603.51	-343.40	-1823.37	-155.65	-900.58	-404.65
12675	-12.34	-10.26	0.25	-646.18	-357.56	-1966.93	-144.16	-962.37	-400.95
12676	-13.20	-10.12	0.25	-680.65	-371.89	-2149.38	-125.69	-1029.45	-399.08
12677	-11.66	-11.33	0.25	-622.58	-362.58	-1955.57	-151.98	-928.65	-443.82
12678	-12.39	-11.10	0.25	-650.91	-370.33	-2088.35	-137.56	-982.39	-437.73
12679	-13.12	-10.86	0.25	-670.52	-375.42	-2246.71	-116.25	-1037.67	-430.65
12680	-0.55	-9.85	0.25	-215.32	-199.71	-1101.02	-87.00	-194.66	-435.82
12681	-1.64	-9.83	0.25	-214.94	-205.91	-1155.56	-96.28	-268.56	-439.79
12682	-2.73	-9.81	0.25	-224.40	-213.18	-1206.69	-106.34	-343.44	-440.39
12683	-3.82	-9.79	0.25	-243.50	-221.57	-1255.03	-116.69	-418.00	-437.70
12684	-4.90	-9.76	0.25	-271.85	-231.15	-1301.90	-126.80	-491.06	-431.98
12685	-5.97	-9.72	0.25	-308.76	-241.99	-1349.41	-136.12	-561.68	-423.65
12686	-7.05	-9.68	0.25	-353.32	-254.22	-1400.46	-144.13	-629.32	-413.31
12687	-8.11	-9.63	0.25	-404.40	-268.02	-1458.82	-150.31	-693.98	-401.78
12688	-9.18	-9.57	0.25	-460.64	-283.59	-1529.25	-154.12	-756.37	-390.09
12689	-10.23	-9.51	0.25	-520.33	-301.13	-1617.84	-154.87	-818.10	-379.48
12690	-0.58	-11.54	0.25	-241.34	-242.80	-1067.98	-100.21	-205.13	-471.95
12691	-1.73	-11.51	0.25	-244.44	-249.08	-1128.58	-110.95	-279.75	-476.70
12692	-2.87	-11.45	0.25	-257.17	-256.01	-1187.50	-122.27	-354.87	-477.41
12693	-4.00	-11.37	0.25	-279.13	-263.59	-1245.43	-133.45	-429.38	-474.35
12694	-5.12	-11.28	0.25	-309.70	-271.87	-1303.74	-143.85	-502.32	-467.97
12695	-6.22	-11.17	0.25	-347.99	-280.95	-1364.54	-152.83	-573.08	-458.88
12696	-7.31	-11.04	0.25	-392.90	-290.99	-1430.61	-159.78	-641.42	-447.90
12697	-8.39	-10.89	0.25	-443.10	-302.16	-1505.49	-164.15	-707.66	-435.96
12698	-9.46	-10.73	0.25	-497.04	-314.65	-1593.60	-165.35	-772.70	-424.08
12699	-10.51	-10.55	0.25	-552.70	-328.70	-1700.64	-162.63	-838.10	-413.25
12700	-0.60	-13.25	0.25	-275.27	-287.33	-1060.48	-111.92	-219.19	-501.86
12701	-1.81	-13.19	0.25	-281.99	-293.88	-1128.34	-123.86	-294.04	-508.36
12702	-2.99	-13.10	0.25	-297.68	-300.46	-1196.80	-136.01	-369.21	-510.54
12703	-4.16	-12.98	0.25	-321.83	-307.08	-1266.46	-147.55	-443.87	-508.75
12704	-5.31	-12.82	0.25	-353.67	-313.78	-1338.57	-157.71	-517.33	-503.56
12705	-6.44	-12.64	0.25	-392.16	-320.70	-1415.03	-165.76	-589.22	-495.66
12706	-7.56	-12.42	0.25	-436.00	-327.98	-1498.36	-171.03	-659.55	-485.87
12707	-8.65	-12.18	0.25	-483.65	-335.77	-1591.79	-172.83	-728.73	-475.04
12708	-9.72	-11.90	0.25	-533.24	-344.20	-1699.32	-170.47	-797.55	-463.95
12709	-10.77	-11.60	0.25	-582.40	-353.47	-1825.98	-163.20	-867.16	-453.18
12710	-0.62	-14.95	0.25	-318.13	-327.59	-1094.58	-121.28	-239.89	-532.91
12711	-1.87	-14.88	0.25	-328.14	-334.55	-1171.65	-133.55	-315.24	-542.30
12712	-3.09	-14.76	0.25	-346.07	-340.76	-1252.06	-145.53	-391.02	-547.40
12713	-4.30	-14.59	0.25	-371.31	-346.17	-1336.27	-156.33	-466.65	-548.57
12714	-5.48	-14.38	0.25	-402.95	-350.84	-1425.29	-165.06	-541.72	-546.28
12715	-6.64	-14.12	0.25	-439.78	-354.89	-1520.72	-170.87	-615.99	-541.08
12716	-7.77	-13.82	0.25	-480.25	-358.46	-1624.70	-172.96	-689.43	-533.52
12717	-8.88	-13.48	0.25	-522.44	-361.65	-1740.00	-170.47	-762.17	-524.05
12718	-9.96	-13.09	0.25	-564.02	-364.48	-1869.99	-162.54	-834.46	-512.85
12719	-11.01	-12.67	0.25	-602.27	-366.85	-2018.60	-148.39	-906.44	-499.67
12720	-0.64	-16.65	0.25	-376.05	-349.01	-1242.75	-125.50	-275.39	-589.36
12721	-1.91	-16.57	0.25	-388.70	-355.94	-1335.54	-135.40	-353.40	-603.39
12722	-3.17	-16.43	0.25	-407.45	-360.98	-1434.63	-144.26	-431.83	-612.66
12723	-4.40	-16.22	0.25	-431.47	-363.99	-1539.97	-151.09	-510.28	-617.13
12724	-5.62	-15.96	0.25	-459.64	-365.05	-1651.95	-154.85	-588.24	-616.90
12725	-6.80	-15.63	0.25	-490.43	-364.34	-1771.32	-154.59	-665.14	-612.03
12726	-7.96	-15.24	0.25	-521.90	-362.05	-1899.12	-149.42	-740.37	-602.49
12727	-9.09	-14.80	0.25	-551.66	-358.46	-2036.63	-138.54	-813.14	-588.10
12728	-10.18	-14.30	0.25	-576.62	-353.64	-2185.12	-121.08	-882.14	-568.27
12729	-11.23	-13.74	0.25	-593.69	-347.55	-2346.20	-96.45	-946.21	-542.25
12730	-0.65	-18.36	0.25	-412.36	-193.24	-1519.79	-95.42	-314.67	-533.50
12731	-1.94	-18.28	0.25	-420.15	-192.92	-1632.77	-89.86	-386.26	-544.13
12732	-3.22	-18.11	0.25	-429.72	-190.86	-1751.69	-82.47	-456.78	-548.18
12733	-4.48	-17.87	0.25	-440.17	-187.71	-1875.39	-72.45	-525.32	-545.77
12734	-5.72	-17.54	0.25	-450.28	-183.82	-2002.86	-59.19	-590.95	-536.82
12735	-6.94	-17.15	0.25	-458.59	-179.68	-2133.21	-42.29	-652.65	-521.33
12736	-8.12	-16.67	0.25	-463.46	-175.84	-2265.59	-21.55	-709.27	-499.34
12737	-9.27	-16.13	0.25	-463.08	-172.84	-2399.10	2.98	-759.56	-470.95
12738	-10.38	-15.51	0.25	-455.51	-171.32	-2532.77	30.92	-802.03	-436.43
12739	-11.44	-14.83	0.25	-437.84	-170.57	-2665.41	62.53	-833.86	-395.09
12740	-16.19	-9.53	0.25	-336.77	-299.83	-3219.16	128.46	-984.71	-222.50
12741	-15.59	-10.56	0.25	-328.27	-263.22	-3162.90	142.04	-942.67	-235.70
12742	-14.94	-11.56	0.25	-324.08	-225.53	-3098.01	153.12	-898.91	-245.05
12743	-15.21	-9.45	0.25	-654.38	-393.23	-2800.62	-29.71	-1179.69	-368.77
12744	-14.80	-10.35	0.25	-623.55	-375.49	-2822.21	-17.46	-1147.11	-393.75
12745	-14.35	-11.22	0.25	-588.46	-351.25	-2840.20	-2.65	-1105.67	-412.41
12746	-14.24	-9.38	0.25	-704.77	-384.34	-2354.10	-97.27	-1106.42	-372.99
12747	-14.02	-10.15	0.25	-686.38	-382.15	-2414.72	-90.37	-1100.63	-402.91
12748	-13.77	-10.90	0.25	-663.15	-375.49	-2484.43	-79.33	-1090.26	-430.25
12749	-12.42	-14.10	0.25	-412.08	-172.91	-2788.76	94.15	-855.32	-351.89
12750	-12.16	-13.17	0.25	-601.92	-342.75	-2497.13	-69.12	-999.41	-513.68
12751	-11.89	-12.26	0.25	-629.96	-368.57	-2160.51	-130.57	-967.01	-486.61
12752	-13.33	-13.31	0.25	-383.02	-182.66	-2901.04	121.04	-872.21	-308.97
12753	-12.97	-12.59	0.25	-598.71	-340.87	-2634.44	-41.66	-1039.53	-481.44
12754	-12.60	-11.88	0.25	-644.68	-369.80	-2293.40	-110.73	-1015.59	-472.12
12755	-14.18	-12.48	0.25	-346.71	-195.41	-3009.27	146.51	-879.44	-264.90
12756	-13.74	-11.97	0.25	-582.26	-337.89	-2776.66	-11.01	-1069.51	-442.50
12757	-13.29	-11.48	0.25	-649.87	-371.29	-2442.77	-86.02	-1061.40	-454.17
12758	-11.55	-9.48	-1.25	-627.65	-355.02	-1626.27	-182.96	-758.39	-322.30
12759	-12.57	-9.43	-1.25	-729.21	-395.29	-1764.34	-192.89	-821.40	-322.79
12760	-13.59	-9.39	-1.25	-849.72	-446.34	-1947.35	-204.36	-902.70	-331.58
12761	-11.76	-10.44	-1.25	-686.50	-401.18	-1712.11	-206.50	-782.03	-355.36
12762	-12.65	-10.31	-1.25	-778.77	-437.16	-1847.76	-215.69	-845.89	-358.83
12763	-13.53	-10.16	-1.25	-884.48	-481.56	-2018.92	-225.34	-924.90	-369.61
12764	-11.96	-11.41	-1.25	-756.77	-458.49	-1831.30	-233.13	-820.55	-399.26
12765	-12.71	-11.18	-1.25	-836.85	-487.31	-1957.45	-239.70	-882.98	-403.23
12766	-13.46	-10.93	-1.25	-927.33	-522.43	-2108.91	-247.08	-958.99	-414.87
12767	-0.56	-9.88	-1.25	-150.42	-192.70	-978.60	-79.72	-186.66	-385.53
12768	-1.68	-9.86	-1.25	-155.38	-198.98	-1031.31	-90.13	-247.38	-387.60
12769	-2.80	-9.84	-1.25	-170.15	-206.68	-1082.30	-101.24	-308.95	-386.79
12770	-3.91	-9.82	-1.25	-194.71	-215.96	-1132.12	-112.69	-370.28	-383.22
12771	-5.02	-9.78	-1.25	-228.86	-227.02	-1181.92	-124.13	-430.41	-377.12

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
12772	-6.13	-9.74	-1.25	-272.36	-240.10	-1233.47	-135.26	-488.58	-368.91
12773	-7.22	-9.70	-1.25	-324.94	-255.59	-1289.19	-145.87	-544.42	-359.15
12774	-8.32	-9.65	-1.25	-386.43	-274.02	-1352.15	-155.84	-598.06	-348.58
12775	-9.41	-9.59	-1.25	-457.01	-296.10	-1426.23	-165.21	-650.34	-338.18
12776	-10.49	-9.53	-1.25	-537.41	-322.79	-1516.34	-174.18	-703.11	-329.26
12777	-10.59	-11.64	-1.25	-185.76	-242.14	-956.45	-94.30	-192.79	-415.71
12778	-1.78	-11.60	-1.25	-194.04	-248.91	-1015.34	-106.82	-254.35	-418.44
12779	-2.95	-11.54	-1.25	-212.25	-256.87	-1073.91	-119.93	-316.35	-417.75
12780	-4.11	-11.46	-1.25	-240.17	-266.15	-1132.68	-133.12	-377.89	-413.91
12781	-5.25	-11.36	-1.25	-277.52	-276.98	-1192.80	-145.99	-438.22	-407.35
12782	-6.38	-11.25	-1.25	-323.96	-289.66	-1255.96	-158.19	-496.90	-398.65
12783	-7.50	-11.11	-1.25	-379.20	-304.67	-1324.42	-169.53	-553.87	-388.58
12784	-8.61	-10.96	-1.25	-443.13	-322.60	-1401.06	-179.94	-609.61	-378.06
12785	-9.70	-10.79	-1.25	-515.97	-344.29	-1489.50	-189.48	-665.32	-368.19
12786	-10.78	-10.61	-1.25	-598.49	-370.79	-1594.37	-198.30	-723.18	-360.27
12787	-0.62	-13.40	-1.25	-231.53	-300.27	-955.50	-109.56	-202.50	-439.67
12788	-1.86	-13.34	-1.25	-243.59	-308.11	-1021.38	-124.47	-264.55	-444.00
12789	-3.07	-13.25	-1.25	-265.43	-316.82	-1088.73	-139.77	-326.92	-444.73
12790	-4.27	-13.12	-1.25	-296.80	-326.54	-1158.00	-154.94	-388.98	-442.23
12791	-5.45	-12.96	-1.25	-337.40	-337.55	-1230.16	-169.51	-450.27	-437.06
12792	-6.62	-12.77	-1.25	-386.91	-350.23	-1306.73	-183.15	-510.66	-429.94
12793	-7.76	-12.54	-1.25	-445.10	-365.12	-1389.75	-195.63	-570.41	-421.73
12794	-8.88	-12.29	-1.25	-511.94	-382.87	-1481.87	-206.92	-630.35	-413.46
12795	-9.98	-12.01	-1.25	-587.75	-404.42	-1586.51	-217.12	-691.97	-406.31
12796	-11.05	-11.69	-1.25	-673.10	-430.88	-1708.09	-226.25	-757.58	-401.57
12797	-0.64	-15.17	-1.25	-292.76	-371.90	-997.37	-127.12	-219.81	-466.98
12798	-1.92	-15.09	-1.25	-309.21	-381.83	-1072.16	-144.77	-283.01	-474.23
12799	-3.18	-14.97	-1.25	-335.22	-392.29	-1150.51	-162.65	-346.72	-478.10
12800	-4.41	-14.80	-1.25	-370.58	-403.43	-1232.61	-180.20	-410.65	-479.03
12801	-5.63	-14.58	-1.25	-415.02	-415.55	-1319.21	-196.95	-474.72	-477.63
12802	-6.82	-14.31	-1.25	-468.28	-429.08	-1411.57	-212.51	-539.11	-474.65
12803	-7.99	-14.00	-1.25	-530.20	-444.55	-1511.53	-226.66	-604.43	-470.96
12804	-9.12	-13.64	-1.25	-600.78	-462.59	-1621.63	-239.23	-671.85	-467.60
12805	-10.23	-13.24	-1.25	-680.37	-483.98	-1745.35	-250.20	-743.21	-465.71
12806	-11.30	-12.80	-1.25	-769.65	-510.05	-1887.30	-259.65	-820.95	-466.43
12807	-0.66	-16.93	-1.25	-374.08	-473.84	-1082.88	-150.40	-251.72	-519.61
12808	-1.97	-16.85	-1.25	-395.99	-487.81	-1168.50	-171.91	-318.72	-532.18
12809	-3.26	-16.70	-1.25	-427.47	-501.70	-1260.49	-193.49	-386.95	-542.15
12810	-4.53	-16.49	-1.25	-468.31	-515.58	-1359.33	-214.53	-456.64	-550.02
12811	-5.77	-16.21	-1.25	-518.31	-529.69	-1465.78	-234.45	-528.16	-556.27
12812	-6.99	-15.87	-1.25	-577.25	-544.36	-1581.21	-252.67	-602.10	-561.47
12813	-8.18	-15.47	-1.25	-644.91	-560.04	-1707.74	-268.71	-679.41	-566.28
12814	-9.34	-15.01	-1.25	-721.14	-577.26	-1848.42	-282.06	-761.46	-571.37
12815	-10.46	-14.49	-1.25	-805.75	-596.60	-2007.84	-292.14	-850.30	-577.49
12816	-11.54	-13.91	-1.25	-898.89	-618.94	-2190.97	-298.61	-948.39	-585.16
12817	-0.67	-18.70	-1.25	-552.85	-617.18	-1701.86	-192.72	-373.37	-798.66
12818	-2.00	-18.62	-1.25	-587.37	-636.39	-1835.15	-215.48	-466.09	-827.60
12819	-3.31	-18.44	-1.25	-630.94	-654.19	-1979.63	-237.15	-561.27	-852.99
12820	-4.61	-18.19	-1.25	-683.07	-670.82	-2134.65	-256.84	-659.20	-874.55
12821	-5.89	-17.85	-1.25	-743.09	-686.50	-2300.19	-273.78	-760.15	-892.10
12822	-7.14	-17.44	-1.25	-810.22	-701.63	-2476.60	-287.22	-864.36	-905.51
12823	-8.35	-16.95	-1.25	-883.57	-716.74	-2664.70	-296.48	-972.12	-914.65
12824	-9.53	-16.39	-1.25	-962.13	-732.46	-2865.79	-300.97	-1083.79	-919.38
12825	-10.66	-15.75	-1.25	-1044.87	-749.58	-3081.95	-300.25	-1199.90	-919.57
12826	-11.75	-15.04	-1.25	-1130.15	-768.09	-3317.24	-293.55	-1321.46	-915.51
12827	-16.60	-9.55	-1.25	-1458.86	-832.75	-4123.10	-190.10	-1831.42	-642.60
12828	-15.99	-10.62	-1.25	-1435.72	-838.16	-4122.69	-205.99	-1798.81	-719.64
12829	-15.33	-11.65	-1.25	-1408.21	-843.51	-4117.86	-221.40	-1758.82	-795.46
12830	-15.60	-9.47	-1.25	-1204.44	-622.82	-2670.47	-237.57	-1254.17	-433.40
12831	-15.18	-10.40	-1.25	-1203.87	-650.69	-2737.01	-257.08	-1268.02	-492.90
12832	-14.72	-11.30	-1.25	-1200.79	-679.06	-2822.11	-272.66	-1286.25	-558.25
12833	-14.60	-9.40	-1.25	-1005.80	-518.53	-2217.84	-220.74	-1030.47	-361.33
12834	-14.37	-10.19	-1.25	-1024.50	-548.82	-2277.82	-241.12	-1049.79	-406.21
12835	-14.12	-10.96	-1.25	-1041.35	-582.09	-2355.09	-259.77	-1073.69	-456.57
12836	-12.76	-14.28	-1.25	-1211.27	-786.71	-3547.06	-280.66	-1442.34	-905.09
12837	-12.49	-13.32	-1.25	-989.18	-640.99	-2371.14	-300.17	-1043.56	-591.08
12838	-12.20	-12.37	-1.25	-854.85	-536.02	-2024.57	-265.87	-895.12	-469.61
12839	-13.69	-13.47	-1.25	-1285.65	-806.88	-3767.29	-263.95	-1556.72	-882.96
12840	-13.31	-12.72	-1.25	-1070.63	-660.85	-2549.78	-296.01	-1135.58	-591.66
12841	-12.93	-11.98	-1.25	-930.13	-559.19	-2157.37	-268.74	-965.09	-472.98
12842	-14.56	-12.60	-1.25	-1358.13	-830.08	-3998.62	-242.54	-1672.57	-855.19
12843	-14.10	-12.08	-1.25	-1153.60	-682.67	-2757.47	-286.94	-1239.18	-593.53
12844	-13.64	-11.56	-1.25	-1010.25	-585.38	-2313.30	-268.34	-1045.84	-477.75
12845	19.11	-1.65	-2.70	-986.46	-165.95	-1238.03	-104.19	664.63	-78.17
12846	19.17	-0.55	-2.70	-1108.53	-121.46	-1356.07	-44.15	616.61	-35.87
12847	19.17	0.55	-2.70	-1112.44	-125.33	-1367.52	27.46	622.38	29.21
12848	19.11	1.65	-2.70	-997.08	-178.92	-1271.21	87.87	683.36	72.56
12849	17.87	-1.65	-2.70	-713.52	-165.06	-1138.95	-43.23	492.12	-26.64
12850	17.93	-0.55	-2.70	-750.21	-139.90	-1173.58	-23.37	482.69	-20.96
12851	17.93	0.55	-2.70	-753.08	-143.41	-1185.64	12.46	488.20	3.46
12852	17.87	1.65	-2.70	-721.36	-175.91	-1175.24	32.05	509.09	9.98
12853	16.64	-1.65	-2.70	-557.61	-158.69	-1038.63	-12.54	377.91	-15.43
12854	16.69	-0.55	-2.70	-559.13	-156.44	-1049.15	-7.44	391.38	-14.62
12855	16.69	0.55	-2.70	-561.31	-159.58	-1061.37	-0.64	396.87	-12.78
12856	16.64	1.65	-2.70	-564.20	-168.35	-1075.52	3.72	394.23	-11.12
12857	15.41	-1.65	-2.70	-470.87	-155.74	-959.70	-8.09	270.15	-28.87
12858	15.46	-0.55	-2.70	-467.59	-159.08	-974.59	-3.84	279.87	-21.13
12859	15.46	0.55	-2.70	-469.43	-161.94	-987.16	-2.36	285.13	-15.31
12860	15.41	1.65	-2.70	-476.50	-164.36	-997.48	1.24	285.79	-6.46
12861	14.18	-1.65	-2.70	-420.60	-150.50	-871.24	-6.44	191.54	-40.75
12862	14.22	-0.55	-2.70	-419.43	-152.57	-886.70	-3.16	197.62	-28.42
12863	14.22	0.55	-2.70	-421.01	-155.18	-899.56	-1.47	202.64	-16.40
12864	14.18	1.65	-2.70	-425.38	-158.39	-909.85	1.32	206.54	-2.77
12865	12.94	-1.65	-2.70	-383.04	-140.05	-789.19	-3.56	143.41	-51.12
12866	12.98	-0.55	-2.70	-383.15	-141.16	-804.07	-2.03	148.17	-34.74
12867	12.98	0.55	-2.70	-384.49	-143.56	-817.19	-1.15	152.98	-17.99
12868	12.94	1.65	-2.70	-387.09	-147.36	-828.59	-0.05	157.77	-0.19
12869	11.71	-1.65	-2.70	-344.55	-125.36	-726.53	-0.88	117.94	-61.12
12870	11.75	-0.55	-2.70	-344.90	-126.16	-740.84	-0.77	122.31	-40.67

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
12871	11.75	0.55	-2.70	-346.03	-128.37	-754.24	-1.04	126.90	-19.64
12872	11.71	1.65	-2.70	-347.96	-132.11	-766.71	-1.36	131.65	2.35
12873	10.48	-1.65	-2.70	-300.25	-108.84	-689.39	0.68	104.91	-70.74
12874	10.51	-0.55	-2.70	-300.49	-109.42	-703.48	0.17	109.09	-46.35
12875	10.51	0.55	-2.70	-301.42	-111.44	-717.17	-0.73	113.45	-21.25
12876	10.48	1.65	-2.70	-303.06	-115.00	-730.45	-1.69	117.91	4.81
12877	9.25	-1.65	-2.70	-250.36	-92.60	-677.84	1.18	95.86	-79.61
12878	9.27	-0.55	-2.70	-250.42	-92.79	-692.01	0.72	99.88	-51.67
12879	9.27	0.55	-2.70	-251.15	-94.60	-706.03	-0.17	103.97	-22.89
12880	9.25	1.65	-2.70	-252.57	-98.12	-719.87	-1.08	108.07	6.86
12881	8.01	-1.65	-2.70	-197.34	-77.94	-688.67	0.94	85.02	-87.51
12882	8.04	-0.55	-2.70	-197.16	-77.62	-703.18	0.94	88.83	-56.55
12883	8.04	0.55	-2.70	-197.67	-79.22	-717.56	0.51	92.60	-24.60
12884	8.01	1.65	-2.70	-198.91	-82.83	-731.79	0.07	96.27	8.33
12885	6.78	-1.65	-2.70	-144.24	-65.50	-717.41	0.24	68.85	-94.37
12886	6.80	-0.55	-2.70	-143.73	-64.63	-732.41	0.90	72.40	-60.90
12887	6.80	0.55	-2.70	-144.03	-66.03	-747.17	1.18	75.79	-26.31
12888	6.78	1.65	-2.70	-145.15	-69.80	-761.65	1.43	78.96	9.27
12889	5.55	-1.65	-2.70	-93.98	-55.52	-759.31	-0.81	45.52	-100.18
12890	5.56	-0.55	-2.70	-93.07	-54.13	-774.91	0.64	48.70	-64.68
12891	5.56	0.55	-2.70	-93.15	-55.35	-790.06	1.77	51.63	-27.93
12892	5.55	1.65	-2.70	-94.26	-59.27	-804.67	2.86	54.24	9.83
12893	4.31	-1.65	-2.70	-49.07	-47.98	-809.94	-2.15	14.29	-104.98
12894	4.33	-0.55	-2.70	-47.70	-46.17	-826.17	0.17	16.98	-67.83
12895	4.33	0.55	-2.70	-47.59	-47.23	-841.66	2.26	19.37	-29.34
12896	4.31	1.65	-2.70	-48.78	-51.28	-856.31	4.29	21.41	10.19
12897	3.08	-1.65	-2.70	-11.56	-42.84	-865.34	-3.80	-24.79	-108.76
12898	3.09	-0.55	-2.70	-9.74	-40.68	-882.16	-0.48	-22.73	-70.30
12899	3.09	0.55	-2.70	-9.47	-41.62	-897.94	2.66	-20.95	-30.43
12900	3.08	1.65	-2.70	-10.80	-45.78	-912.56	5.76	-19.48	10.51
12901	1.85	-1.65	-2.70	16.90	-40.01	-922.19	-5.75	-71.12	-111.50
12902	1.85	-0.55	-2.70	19.13	-37.59	-939.50	-1.31	-69.83	-72.04
12903	1.85	0.55	-2.70	19.50	-38.45	-955.47	3.01	-68.71	-31.12
12904	1.85	1.65	-2.70	17.98	-42.71	-970.00	7.31	-67.78	10.89
12905	0.62	-1.65	-2.70	35.04	-39.45	-977.80	-7.95	-123.71	-113.19
12906	0.62	-0.55	-2.70	37.57	-36.87	-995.44	-2.26	-123.30	-73.01
12907	0.62	0.55	-2.70	37.99	-37.68	-1011.52	3.37	-122.88	-31.35
12908	0.62	1.65	-2.70	36.26	-42.03	-1025.92	9.01	-122.45	11.41
12909	19.11	-1.65	-4.10	-262.76	1.06	-1007.42	-44.55	529.27	-45.52
12910	19.17	-0.55	-4.10	-273.81	28.78	-1055.78	-23.29	520.20	-28.14
12911	19.17	0.55	-4.10	-274.90	26.54	-1065.62	17.39	526.00	8.59
12912	19.11	1.65	-4.10	-266.23	-5.69	-1037.38	38.12	546.39	26.17
12913	17.87	-1.65	-4.10	-219.98	-53.55	-1005.59	-29.76	374.85	-29.86
12914	17.93	-0.55	-4.10	-233.80	-39.24	-1035.99	-14.67	367.27	-22.81
12915	17.93	0.55	-4.10	-235.06	-41.55	-1046.97	10.18	372.37	-5.14
12916	17.87	1.65	-4.10	-223.87	-60.53	-1038.68	24.72	390.02	2.35
12917	16.64	-1.65	-4.10	-170.60	-77.77	-931.47	-12.52	284.12	-26.74
12918	16.69	-0.55	-4.10	-176.46	-73.28	-947.29	-6.52	286.98	-21.93
12919	16.69	0.55	-4.10	-177.74	-75.48	-958.61	3.25	291.76	-14.37
12920	16.64	1.65	-4.10	-174.50	-84.32	-965.56	8.73	298.32	-8.93
12921	15.41	-1.65	-4.10	-125.98	-89.06	-858.82	-3.11	214.12	-34.17
12922	15.46	-0.55	-4.10	-125.59	-88.44	-872.45	-1.93	220.23	-26.21
12923	15.46	0.55	-4.10	-126.75	-90.46	-883.98	-0.32	224.84	-18.11
12924	15.41	1.65	-4.10	-129.52	-95.12	-893.50	0.42	227.84	-9.30
12925	14.18	-1.65	-4.10	-95.05	-92.34	-790.51	1.26	154.59	-44.03
12926	14.22	-0.55	-4.10	-93.38	-92.55	-804.44	0.09	159.78	-32.04
12927	14.22	0.55	-4.10	-94.37	-94.41	-816.18	-1.44	164.24	-19.95
12928	14.18	1.65	-4.10	-98.05	-97.97	-825.76	-2.99	167.89	-6.92
12929	12.94	-1.65	-4.10	-72.03	-88.86	-727.88	4.12	109.87	-53.33
12930	12.98	-0.55	-4.10	-70.41	-89.05	-741.43	1.30	114.20	-37.70
12931	12.98	0.55	-4.10	-71.22	-90.77	-753.35	-1.84	118.49	-21.65
12932	12.94	1.65	-4.10	-74.46	-94.08	-763.68	-5.03	122.67	-4.85
12933	11.71	-1.65	-4.10	-49.96	-80.33	-677.86	6.07	79.64	-62.06
12934	11.75	-0.55	-4.10	-48.42	-80.43	-690.96	2.18	83.50	-43.00
12935	11.75	0.55	-4.10	-49.04	-82.00	-703.07	-1.99	87.59	-23.38
12936	11.71	1.65	-4.10	-51.85	-85.12	-714.23	-6.26	91.86	-3.03
12937	10.48	-1.65	-4.10	-24.58	-68.78	-645.44	7.03	60.05	-70.24
12938	10.51	-0.55	-4.10	-23.02	-68.70	-658.25	2.73	63.61	-48.00
12939	10.51	0.55	-4.10	-23.48	-70.11	-670.56	-1.89	67.48	-25.08
12940	10.48	1.65	-4.10	-25.97	-73.09	-682.40	-6.58	71.59	-1.43
12941	9.25	-1.65	-4.10	5.16	-56.06	-632.29	7.09	46.16	-77.71
12942	9.27	-0.55	-4.10	6.78	-55.67	-645.04	2.94	49.47	-52.64
12943	9.27	0.55	-4.10	6.49	-56.92	-657.56	-1.55	53.08	-26.78
12944	9.25	1.65	-4.10	4.26	-59.86	-669.88	-6.08	56.91	-0.16
12945	8.01	-1.65	-4.10	38.18	-43.53	-637.33	6.47	33.58	-84.34
12946	8.04	-0.55	-4.10	39.92	-42.74	-650.20	2.88	36.63	-56.84
12947	8.04	0.55	-4.10	39.80	-43.81	-662.96	-1.05	39.93	-28.45
12948	8.01	1.65	-4.10	37.79	-46.82	-675.60	-5.01	43.40	0.71
12949	6.78	-1.65	-4.10	72.38	-32.06	-657.86	5.38	19.04	-90.05
12950	6.80	-0.55	-4.10	74.29	-30.81	-671.01	2.60	21.81	-60.57
12951	6.80	0.55	-4.10	74.34	-31.72	-684.00	-0.50	24.75	-30.08
12952	6.78	1.65	-4.10	72.48	-34.86	-696.84	-3.61	27.78	1.21
12953	5.55	-1.65	-4.10	105.34	-22.13	-690.47	3.94	0.44	-94.85
12954	5.56	-0.55	-4.10	107.50	-20.45	-703.99	2.14	2.87	-63.76
12955	5.56	0.55	-4.10	107.71	-21.21	-717.22	0.07	5.39	-31.58
12956	5.55	1.65	-4.10	105.93	-24.49	-730.14	-2.03	7.94	1.42
12957	4.31	-1.65	-4.10	134.79	-14.00	-731.65	2.22	-23.35	-98.75
12958	4.33	-0.55	-4.10	137.23	-11.95	-745.58	1.52	-21.36	-66.40
12959	4.33	0.55	-4.10	137.58	-12.58	-759.03	0.60	-19.31	-32.88
12960	4.31	1.65	-4.10	135.81	-15.98	-771.96	-0.35	-17.26	1.49
12961	3.08	-1.65	-4.10	158.72	-7.80	-778.15	0.26	-52.75	-101.76
12962	3.09	-0.55	-4.10	161.45	-5.44	-792.47	0.77	-51.28	-68.44
12963	3.09	0.55	-4.10	161.92	-5.97	-806.11	1.10	-49.76	-33.90
12964	3.08	1.65	-4.10	160.09	-9.49	-818.99	1.42	-48.21	1.51
12965	1.85	-1.65	-4.10	175.51	-3.60	-827.13	-1.92	-87.57	-103.87
12966	1.85	-0.55	-4.10	178.48	-1.00	-841.79	-0.11	-86.73	-69.85
12967	1.85	0.55	-4.10	179.03	-1.46	-855.55	1.59	-85.77	-34.57
12968	1.85	1.65	-4.10	177.11	-5.09	-868.34	3.29	-84.69	1.59
12969	0.62	-1.65	-4.10	183.83	-1.46	-876.34	-4.29	-127.20	-105.06

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
12970	0.62	-0.55	-4.10	186.97	1.30	-891.21	-1.06	-127.08	-70.60
12971	0.62	0.55	-4.10	187.55	0.88	-905.04	2.09	-126.70	-34.86
12972	0.62	1.65	-4.10	185.53	-2.84	-917.74	5.27	-126.07	1.77
12973	19.11	-1.65	-5.50	260.55	99.68	-824.10	-7.76	501.02	-26.56
12974	19.17	-0.55	-5.50	262.73	108.30	-842.30	-2.19	509.73	-18.16
12975	19.17	0.55	-5.50	261.97	107.66	-851.18	4.80	515.00	-5.44
12976	19.11	1.65	-5.50	258.18	97.98	-850.96	10.07	516.63	3.45
12977	17.87	-1.65	-5.50	265.32	38.74	-866.97	-5.75	369.66	-30.00
12978	17.93	-0.55	-5.50	267.21	45.12	-886.30	-1.89	374.24	-21.99
12979	17.93	0.55	-5.50	266.65	44.35	-896.19	4.54	379.13	-10.51
12980	17.87	1.65	-5.50	263.60	36.53	-896.77	8.19	384.18	-1.91
12981	16.64	-1.65	-5.50	256.40	-0.81	-833.02	0.90	267.69	-33.07
12982	16.69	-0.55	-5.50	257.70	2.56	-848.86	0.68	271.61	-25.16
12983	16.69	0.55	-5.50	257.20	1.73	-859.25	2.07	276.12	-15.63
12984	16.64	1.65	-5.50	254.88	-3.26	-864.28	1.62	281.12	-7.03
12985	15.41	-1.65	-5.50	251.79	-22.89	-774.87	7.19	193.49	-39.05
12986	15.46	-0.55	-5.50	254.12	-21.29	-788.34	3.16	198.09	-29.42
12987	15.46	0.55	-5.50	253.67	-22.11	-798.96	-0.27	202.35	-19.17
12988	15.41	1.65	-5.50	250.47	-25.35	-806.80	-4.54	206.20	-8.73
12989	14.18	-1.65	-5.50	251.34	-32.83	-716.65	11.36	135.47	-46.62
12990	14.22	-0.55	-5.50	254.56	-31.99	-729.30	4.78	139.96	-34.33
12991	14.22	0.55	-5.50	254.22	-32.76	-740.06	-1.75	144.04	-21.64
12992	14.18	1.65	-5.50	250.33	-35.17	-748.98	-8.58	147.63	-8.43
12993	12.94	-1.65	-5.50	252.91	-34.16	-665.28	13.79	89.75	-54.34
12994	12.98	-0.55	-5.50	256.34	-33.57	-677.47	5.70	93.71	-39.26
12995	12.98	0.55	-5.50	256.13	-34.27	-688.34	-2.55	97.61	-23.72
12996	12.94	1.65	-5.50	252.28	-36.29	-697.95	-10.91	101.39	-7.63
12997	11.71	-1.65	-5.50	257.26	-29.41	-624.72	14.99	55.48	-61.69
12998	11.75	-0.55	-5.50	260.67	-28.84	-636.47	6.16	58.97	-43.97
12999	11.75	0.55	-5.50	260.60	-29.43	-647.45	-2.91	62.67	-25.69
13000	11.71	1.65	-5.50	257.05	-31.26	-657.70	-12.04	66.53	-6.84
13001	10.48	-1.65	-5.50	265.55	-20.75	-598.03	15.21	30.75	-68.51
13002	10.51	-0.55	-5.50	268.89	-20.03	-609.47	6.27	33.85	-48.36
13003	10.51	0.55	-5.50	268.96	-20.51	-620.56	-2.96	37.32	-27.58
13004	10.48	1.65	-5.50	265.74	-22.25	-631.32	-12.22	41.10	-6.20
13005	9.25	-1.65	-5.50	278.01	-9.97	-586.54	14.63	12.63	-74.69
13006	9.27	-0.55	-5.50	281.32	-8.97	-597.83	6.09	15.41	-52.40
13007	9.27	0.55	-5.50	281.52	-9.31	-609.03	-2.77	18.62	-29.39
13008	9.25	1.65	-5.50	278.62	-11.07	-620.17	-11.63	22.20	-5.77
13009	8.01	-1.65	-5.50	293.81	1.57	-589.83	13.44	-2.01	-80.14
13010	8.04	-0.55	-5.50	297.10	2.93	-601.13	5.67	0.47	-56.04
13011	8.04	0.55	-5.50	297.45	2.72	-612.45	-2.41	3.38	-31.13
13012	8.01	1.65	-5.50	294.82	0.88	-623.82	-10.48	6.67	-5.59
13013	6.78	-1.65	-5.50	311.33	12.90	-606.19	11.81	-15.92	-84.81
13014	6.80	-0.55	-5.50	314.67	14.65	-617.61	5.07	-13.74	-59.23
13015	6.80	0.55	-5.50	315.15	14.58	-629.07	-1.95	-11.17	-32.77
13016	6.78	1.65	-5.50	312.74	12.60	-640.56	-8.96	-8.25	-5.64
13017	5.55	-1.65	-5.50	328.64	23.38	-633.18	9.86	-31.18	-88.70
13018	5.56	-0.55	-5.50	332.07	25.52	-644.82	4.33	-29.33	-61.95
13019	5.56	0.55	-5.50	332.68	25.57	-656.40	-1.45	-27.14	-34.24
13020	5.55	1.65	-5.50	330.43	23.45	-667.94	-7.22	-24.64	-5.85
13021	4.31	-1.65	-5.50	343.80	32.61	-668.10	7.68	-49.17	-91.82
13022	4.33	-0.55	-5.50	347.36	35.09	-680.00	3.47	-47.71	-64.17
13023	4.33	0.55	-5.50	348.08	35.25	-691.71	-0.94	-45.93	-35.51
13024	4.31	1.65	-5.50	345.93	32.99	-703.21	-5.34	-43.89	-6.13
13025	3.08	-1.65	-5.50	355.03	40.33	-708.36	5.30	-70.64	-94.17
13026	3.09	-0.55	-5.50	358.72	43.10	-720.51	2.52	-69.63	-65.87
13027	3.09	0.55	-5.50	359.54	43.34	-732.32	-0.43	-68.30	-36.50
13028	3.08	1.65	-5.50	357.43	40.96	-743.77	-3.37	-66.70	-6.42
13029	1.85	-1.65	-5.50	360.83	46.37	-751.64	2.78	-95.79	-95.75
13030	1.85	-0.55	-5.50	364.62	49.37	-764.01	1.49	-95.29	-67.01
13031	1.85	0.55	-5.50	365.50	49.67	-775.89	0.08	-94.45	-37.19
13032	1.85	1.65	-5.50	363.41	47.17	-787.27	-1.32	-93.28	-6.63
13033	0.62	-1.65	-5.50	359.99	50.61	-796.12	0.15	-124.40	-96.57
13034	0.62	-0.55	-5.50	363.83	53.77	-808.62	0.41	-124.49	-67.60
13035	0.62	0.55	-5.50	364.72	54.10	-820.54	0.60	-124.14	-37.54
13036	0.62	1.65	-5.50	362.64	51.51	-831.85	0.81	-123.38	-6.72
13037	19.11	-1.65	-6.90	691.98	156.65	-686.30	11.48	491.70	-21.83
13038	19.17	-0.55	-6.90	694.25	163.19	-698.90	6.37	500.09	-15.32
13039	19.17	0.55	-6.90	693.63	163.92	-706.95	2.12	504.84	-8.33
13040	19.11	1.65	-6.90	690.18	158.87	-710.48	-3.04	505.86	-1.11
13041	17.87	-1.65	-6.90	676.44	100.31	-730.97	14.33	385.56	-29.57
13042	17.93	-0.55	-6.90	680.59	105.36	-744.57	7.44	392.63	-20.99
13043	17.93	0.55	-6.90	680.32	105.97	-753.43	1.30	397.19	-11.65
13044	17.87	1.65	-6.90	675.66	102.17	-757.59	-5.67	399.17	-2.31
13045	16.64	-1.65	-6.90	649.34	60.83	-720.72	18.12	284.88	-35.67
13046	16.69	-0.55	-6.90	654.18	64.35	-734.05	8.71	290.47	-25.81
13047	16.69	0.55	-6.90	654.13	64.88	-743.43	-0.06	294.76	-15.24
13048	16.64	1.65	-6.90	649.25	62.42	-748.89	-9.58	297.68	-4.59
13049	15.41	-1.65	-6.90	621.79	36.73	-682.85	21.82	201.22	-41.56
13050	15.46	-0.55	-6.90	626.87	39.06	-695.19	9.97	205.96	-30.33
13051	15.46	0.55	-6.90	626.99	39.55	-704.84	-1.56	209.99	-18.55
13052	15.41	1.65	-6.90	622.15	38.19	-711.87	-13.56	213.27	-6.48
13053	14.18	-1.65	-6.90	599.64	24.95	-638.42	24.45	134.71	-47.71
13054	14.22	-0.55	-6.90	604.92	26.59	-649.88	10.82	138.91	-34.79
13055	14.22	0.55	-6.90	605.16	27.09	-659.69	-2.76	142.72	-21.40
13056	14.18	1.65	-6.90	600.38	26.41	-667.87	-16.57	146.10	-7.57
13057	12.94	-1.65	-6.90	583.45	22.28	-598.31	25.77	82.55	-53.90
13058	12.98	-0.55	-6.90	588.79	23.63	-609.15	11.19	86.22	-39.15
13059	12.98	0.55	-6.90	589.16	24.17	-619.03	-3.53	89.82	-23.90
13060	12.94	1.65	-6.90	584.56	23.87	-627.99	-18.33	93.31	-8.18
13061	11.71	-1.65	-6.90	572.54	26.06	-567.35	25.96	42.61	-59.82
13062	11.75	-0.55	-6.90	577.80	27.38	-577.73	11.14	45.77	-43.28
13063	11.75	0.55	-6.90	578.30	27.99	-587.66	-3.92	49.16	-26.19
13064	11.71	1.65	-6.90	574.04	27.86	-597.16	-18.98	52.72	-8.60
13065	10.48	-1.65	-6.90	566.42	34.13	-547.86	25.22	12.90	-65.32
13066	10.51	-0.55	-6.90	571.55	35.60	-557.92	10.75	15.63	-47.12
13067	10.51	0.55	-6.90	572.18	36.31	-567.88	-4.01	18.79	-28.32
13068	10.48	1.65	-6.90	568.30	36.23	-577.78	-18.74	22.30	-9.01

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
13069	9.25	-1.65	-6.90	564.48	44.77	-540.71	23.78	-8.91	-70.28
13070	9.27	-0.55	-6.90	569.47	46.52	-550.58	10.11	-6.56	-50.63
13071	9.27	0.55	-6.90	570.22	47.34	-560.58	-3.89	-3.67	-30.32
13072	9.25	1.65	-6.90	566.73	47.21	-570.74	-17.83	-0.30	-9.48
13073	8.01	-1.65	-6.90	565.75	56.68	-545.58	21.82	-25.40	-74.63
13074	8.04	-0.55	-6.90	570.62	58.77	-555.38	9.26	-23.39	-53.77
13075	8.04	0.55	-6.90	571.50	59.71	-565.43	-3.61	-20.79	-32.17
13076	8.01	1.65	-6.90	568.37	59.46	-575.73	-16.42	-17.66	-10.03
13077	6.78	-1.65	-6.90	568.90	68.87	-561.22	19.49	-38.99	-78.35
13078	6.80	-0.55	-6.90	573.69	71.34	-571.06	8.27	-37.29	-56.50
13079	6.80	0.55	-6.90	574.70	72.40	-581.16	-3.23	-35.01	-33.86
13080	6.78	1.65	-6.90	571.88	72.00	-591.52	-14.68	-32.20	-10.66
13081	5.55	-1.65	-6.90	572.41	80.68	-585.83	16.89	-51.70	-81.42
13082	5.56	-0.55	-6.90	577.17	83.51	-595.79	7.17	-50.32	-58.81
13083	5.56	0.55	-6.90	578.28	84.68	-605.94	-2.81	-48.39	-35.36
13084	5.55	1.65	-6.90	575.73	84.13	-616.28	-12.74	-45.95	-11.33
13085	4.31	-1.65	-6.90	574.72	91.62	-617.36	14.11	-65.06	-83.85
13086	4.33	-0.55	-6.90	579.46	94.78	-627.48	5.98	-64.01	-60.67
13087	4.33	0.55	-6.90	580.67	96.05	-637.68	-2.37	-62.46	-36.63
13088	4.31	1.65	-6.90	578.33	95.35	-647.97	-10.68	-60.43	-11.98
13089	3.08	-1.65	-6.90	574.37	101.39	-653.79	11.21	-80.05	-85.63
13090	3.09	-0.55	-6.90	579.10	104.84	-664.08	4.72	-79.39	-62.08
13091	3.09	0.55	-6.90	580.39	106.18	-674.33	-1.94	-78.23	-37.64
13092	3.08	1.65	-6.90	578.21	105.34	-684.54	-8.55	-76.61	-12.56
13093	1.85	-1.65	-6.90	570.09	109.77	-693.33	8.23	-97.21	-86.78
13094	1.85	-0.55	-6.90	574.80	113.44	-703.76	3.42	-96.97	-63.02
13095	1.85	0.55	-6.90	576.14	114.83	-714.05	-1.50	-96.23	-38.35
13096	1.85	1.65	-6.90	574.08	113.87	-724.18	-6.39	-95.01	-13.03
13097	0.62	-1.65	-6.90	560.84	116.59	-734.53	5.21	-116.66	-87.31
13098	0.62	-0.55	-6.90	565.48	120.43	-745.05	2.11	-116.88	-63.49
13099	0.62	0.55	-6.90	566.84	121.85	-755.35	-1.07	-116.57	-38.74
13100	0.62	1.65	-6.90	564.90	120.78	-765.43	-4.21	-115.74	-13.34
13101	19.11	-1.65	-8.30	1067.38	190.14	-573.88	29.85	498.48	-18.61
13102	19.17	-0.55	-8.30	1070.85	197.63	-584.39	14.14	506.41	-13.40
13103	19.17	0.55	-8.30	1070.33	199.44	-591.68	-0.66	510.58	-7.83
13104	19.11	1.65	-8.30	1065.90	195.55	-595.73	-16.47	510.94	-1.90
13105	17.87	-1.65	-8.30	1036.89	141.13	-604.82	34.03	402.16	-28.23
13106	17.93	-0.55	-8.30	1042.25	146.93	-616.12	15.84	409.17	-19.49
13107	17.93	0.55	-8.30	1042.17	148.73	-624.04	-1.61	413.28	-10.32
13108	17.87	1.65	-8.30	1036.69	146.52	-628.59	-19.90	414.43	-0.78
13109	16.64	-1.65	-8.30	1003.02	107.94	-601.78	37.28	303.34	-35.30
13110	16.69	-0.55	-8.30	1009.61	112.23	-613.02	17.08	309.29	-24.57
13111	16.69	0.55	-8.30	1009.87	114.02	-621.40	-2.66	313.23	-13.36
13112	16.64	1.65	-8.30	1003.84	113.32	-626.95	-23.00	315.14	-1.79
13113	15.41	-1.65	-8.30	969.38	88.38	-579.56	39.42	214.27	-41.12
13114	15.46	-0.55	-8.30	976.53	91.54	-590.28	17.80	219.20	-29.05
13115	15.46	0.55	-8.30	977.04	93.35	-598.95	-3.62	222.95	-16.49
13116	15.41	1.65	-8.30	970.96	93.79	-605.60	-25.40	225.47	-3.55
13117	14.18	-1.65	-8.30	939.15	79.82	-551.01	40.37	140.02	-46.37
13118	14.22	-0.55	-8.30	946.47	82.30	-561.08	18.02	144.12	-33.17
13119	14.22	0.55	-8.30	947.19	84.15	-569.91	-4.37	147.66	-19.47
13120	14.18	1.65	-8.30	941.34	85.33	-577.52	-26.91	150.58	-5.36
13121	12.94	-1.65	-8.30	913.65	79.60	-524.83	40.19	80.96	-51.31
13122	12.98	-0.55	-8.30	920.94	81.80	-534.31	17.77	84.40	-37.03
13123	12.98	0.55	-8.30	921.83	83.71	-543.20	-4.84	87.72	-22.23
13124	12.94	1.65	-8.30	916.35	85.31	-551.53	-27.47	90.88	-7.00
13125	11.71	-1.65	-8.30	892.78	85.37	-505.67	39.02	35.61	-55.95
13126	11.75	-0.55	-8.30	899.91	87.56	-514.71	17.13	38.48	-40.63
13127	11.75	0.55	-8.30	900.97	89.57	-523.62	-5.05	41.57	-24.78
13128	11.71	1.65	-8.30	895.94	91.35	-532.43	-27.18	44.85	-8.47
13129	10.48	-1.65	-8.30	875.97	95.20	-495.66	37.07	1.88	-60.21
13130	10.51	-0.55	-8.30	882.89	97.57	-504.38	16.18	4.27	-43.94
13131	10.51	0.55	-8.30	884.09	99.68	-513.29	-5.04	7.12	-27.12
13132	10.48	1.65	-8.30	879.57	101.51	-522.41	-26.18	10.40	-9.83
13133	9.25	-1.65	-8.30	862.54	107.53	-495.43	34.53	-22.55	-64.03
13134	9.27	-0.55	-8.30	869.24	110.21	-503.96	15.00	-20.57	-46.95
13135	9.27	0.55	-8.30	870.58	112.44	-512.85	-4.89	-17.98	-29.27
13136	9.25	1.65	-8.30	866.56	114.20	-522.14	-24.67	-14.81	-11.11
13137	8.01	-1.65	-8.30	851.70	121.20	-504.66	31.59	-40.09	-67.38
13138	8.04	-0.55	-8.30	858.18	124.24	-513.10	13.65	-38.47	-49.62
13139	8.04	0.55	-8.30	859.66	126.60	-521.99	-4.63	-36.16	-31.22
13140	8.01	1.65	-8.30	856.12	128.24	-531.34	-22.80	-33.20	-12.34
13141	6.78	-1.65	-8.30	842.48	135.32	-522.40	28.36	-53.07	-70.22
13142	6.80	-0.55	-8.30	848.77	138.74	-530.85	12.18	-51.75	-51.93
13143	6.80	0.55	-8.30	850.37	141.23	-539.73	-4.32	-49.74	-32.96
13144	6.78	1.65	-8.30	847.28	142.72	-549.07	-20.72	-47.07	-13.50
13145	5.55	-1.65	-8.30	833.80	149.25	-547.30	24.95	-63.48	-72.55
13146	5.56	-0.55	-8.30	839.93	153.05	-555.81	10.62	-62.46	-53.86
13147	5.56	0.55	-8.30	841.66	155.65	-564.70	-3.99	-60.77	-34.48
13148	5.55	1.65	-8.30	838.95	156.98	-573.98	-18.51	-58.43	-14.59
13149	4.31	-1.65	-8.30	824.56	162.55	-577.82	21.44	-72.93	-74.35
13150	4.33	-0.55	-8.30	830.55	166.69	-586.44	9.00	-72.21	-55.42
13151	4.33	0.55	-8.30	832.37	169.39	-595.35	-3.67	-70.85	-35.76
13152	4.31	1.65	-8.30	830.00	170.56	-604.53	-16.26	-68.88	-15.57
13153	3.08	-1.65	-8.30	813.67	174.90	-612.47	17.87	-82.60	-75.65
13154	3.09	-0.55	-8.30	819.53	179.34	-621.20	7.34	-82.19	-56.58
13155	3.09	0.55	-8.30	821.44	182.11	-630.12	-3.37	-81.18	-36.76
13156	3.08	1.65	-8.30	819.35	183.13	-639.21	-14.02	-79.60	-16.41
13157	1.85	-1.65	-8.30	800.17	186.08	-649.88	14.30	-93.23	-76.45
13158	1.85	-0.55	-8.30	805.89	190.75	-658.72	5.67	-93.15	-57.34
13159	1.85	0.55	-8.30	807.85	193.57	-667.64	-3.09	-92.51	-37.49
13160	1.85	1.65	-8.30	806.00	194.46	-676.65	-11.80	-91.30	-17.08
13161	0.62	-1.65	-8.30	783.23	195.92	-689.00	10.75	-105.22	-76.75
13162	0.62	-0.55	-8.30	788.80	200.77	-697.90	4.00	-105.50	-57.70
13163	0.62	0.55	-8.30	790.78	203.62	-706.83	-2.84	-105.22	-37.91
13164	0.62	1.65	-8.30	789.14	204.38	-715.78	-9.64	-104.39	-17.55
13165	23.52	-1.65	-2.70	-242.86	844.79	879.76	-91.29	840.70	-1131.68
13166	23.57	-0.55	-2.70	-197.79	134.76	194.65	49.32	43.57	-197.07
13167	23.57	0.55	-2.70	-197.41	140.05	195.23	-51.45	43.90	208.49

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
13168	23.52	1.65	-2.70	-232.22	866.53	900.48	96.61	847.54	1155.26
13169	22.67	-1.65	-2.70	-575.16	575.75	348.72	-308.67	650.49	-223.27
13170	22.73	-0.55	-2.70	-524.96	335.48	76.50	-40.15	249.34	-92.80
13171	22.73	0.55	-2.70	-522.45	337.39	76.88	31.74	250.78	100.51
13172	22.67	1.65	-2.70	-568.92	579.34	360.44	301.34	656.42	234.53
13173	21.83	-1.65	-2.70	-803.57	397.75	61.92	-423.75	554.51	-40.65
13174	21.89	-0.55	-2.70	-803.52	354.89	14.71	-104.99	231.75	-3.66
13175	21.89	0.55	-2.70	-802.47	354.40	14.23	87.16	233.10	8.41
13176	21.83	1.65	-2.70	-800.64	397.47	67.74	409.01	561.67	47.14
13177	20.99	-1.65	-2.70	-1013.55	202.96	-139.76	-411.80	564.66	54.96
13178	21.05	-0.55	-2.70	-1040.87	273.05	-12.49	-105.97	268.28	-4.79
13179	21.05	0.55	-2.70	-1040.96	271.94	-12.86	81.10	270.19	6.63
13180	20.99	1.65	-2.70	-1014.35	198.81	-139.38	391.16	574.47	-53.64
13181	20.14	-1.65	-2.70	-1378.35	-68.88	-783.69	-259.19	896.61	-33.80
13182	20.20	-0.55	-2.70	-1629.56	-10.59	-789.45	-72.76	836.97	-36.53
13183	20.20	0.55	-2.70	-1633.73	-13.93	-795.20	43.71	843.13	36.10
13184	20.14	1.65	-2.70	-1388.48	-80.20	-800.26	233.53	916.10	33.45
13185	23.52	-1.65	-4.10	-80.44	542.52	901.26	-34.22	969.60	-978.41
13186	23.57	-0.55	-4.10	-48.05	681.96	640.62	-47.15	332.39	-323.04
13187	23.57	0.55	-4.10	-47.45	682.82	644.72	48.94	333.43	342.62
13188	23.52	1.65	-4.10	-78.75	539.13	906.97	35.33	974.18	993.76
13189	22.67	-1.65	-4.10	-192.93	460.97	434.56	-69.14	831.18	-108.76
13190	22.73	-0.55	-4.10	-201.44	547.13	295.61	-57.51	647.55	-119.29
13191	22.73	0.55	-4.10	-200.80	546.17	297.17	57.41	649.87	132.61
13192	22.67	1.65	-4.10	-193.74	455.33	433.26	66.74	837.29	116.56
13193	21.83	-1.65	-4.10	-330.85	378.66	92.27	-70.03	705.05	-2.86
13194	21.89	-0.55	-4.10	-349.99	408.46	75.39	-55.41	625.81	-2.69
13195	21.89	0.55	-4.10	-350.48	407.02	74.91	51.19	628.95	9.65
13196	21.83	1.65	-4.10	-333.65	373.47	85.87	64.74	714.42	5.69
13197	20.99	-1.65	-4.10	-448.13	248.09	-288.62	-43.17	739.40	6.36
13198	21.05	-0.55	-4.10	-491.93	253.16	-267.41	-42.94	707.62	4.94
13199	21.05	0.55	-4.10	-493.56	251.30	-270.30	36.29	712.50	-4.99
13200	20.99	1.65	-4.10	-453.34	242.19	-301.25	35.68	753.84	-9.37
13201	20.14	-1.65	-4.10	-352.54	110.26	-738.86	-26.57	726.39	-33.17
13202	20.20	-0.55	-4.10	-364.85	130.62	-754.58	-25.12	732.01	-14.91
13203	20.20	0.55	-4.10	-366.22	128.52	-761.23	18.88	738.28	5.24
13204	20.14	1.65	-4.10	-357.05	103.94	-760.88	19.28	744.64	22.43
13205	23.52	-1.65	-5.50	104.92	590.39	849.68	-70.14	956.83	-811.12
13206	23.57	-0.55	-5.50	14.82	607.77	725.13	-16.35	422.13	-210.11
13207	23.57	0.55	-5.50	14.75	607.57	725.17	19.50	422.33	225.68
13208	23.52	1.65	-5.50	105.65	591.43	848.83	72.47	958.40	825.64
13209	22.67	-1.65	-5.50	113.23	488.36	484.81	-36.50	854.84	-16.66
13210	22.73	-0.55	-5.50	62.40	561.03	433.99	-26.07	776.08	-63.81
13211	22.73	0.55	-5.50	62.19	560.07	432.09	30.18	777.78	75.56
13212	22.67	1.65	-5.50	111.43	487.45	477.28	38.41	859.38	26.99
13213	21.83	-1.65	-5.50	113.76	410.53	107.03	-10.69	737.12	17.11
13214	21.89	-0.55	-5.50	88.35	434.97	92.87	-7.80	734.77	9.90
13215	21.89	0.55	-5.50	87.21	434.34	89.17	10.39	737.93	-4.05
13216	21.83	1.65	-5.50	110.34	410.68	95.10	12.25	746.28	-11.76
13217	20.99	-1.65	-5.50	151.75	304.84	-282.55	-3.02	698.31	2.17
13218	21.05	-0.55	-5.50	141.91	314.52	-288.60	-1.18	703.66	-0.65
13219	21.05	0.55	-5.50	140.52	314.12	-293.90	3.25	708.20	-2.02
13220	20.99	1.65	-5.50	147.64	304.76	-298.92	4.41	711.54	-4.80
13221	20.14	-1.65	-5.50	210.67	191.33	-626.96	-6.23	629.97	-17.49
13222	20.20	-0.55	-5.50	206.72	198.58	-639.48	-0.76	639.50	-10.87
13223	20.20	0.55	-5.50	205.54	198.09	-646.70	3.10	644.78	-2.43
13224	20.14	1.65	-5.50	207.14	190.47	-648.87	8.14	645.53	4.57
13225	23.52	-1.65	-6.90	310.55	606.40	815.15	-175.26	885.73	-681.31
13226	23.57	-0.55	-6.90	79.67	586.06	621.07	-34.38	419.04	-163.67
13227	23.57	0.55	-6.90	79.81	587.93	619.46	39.60	418.82	176.42
13228	23.52	1.65	-6.90	312.06	611.40	811.73	180.63	884.79	693.08
13229	22.67	-1.65	-6.90	440.05	515.47	536.65	-64.41	751.35	30.31
13230	22.73	-0.55	-6.90	315.21	606.55	503.68	-44.16	707.00	-36.55
13231	22.73	0.55	-6.90	315.19	607.03	499.93	51.92	708.34	48.70
13232	22.67	1.65	-6.90	438.28	516.36	524.75	70.05	755.38	-17.91
13233	21.83	-1.65	-6.90	581.05	446.94	123.04	1.40	645.23	38.03
13234	21.89	-0.55	-6.90	551.12	478.98	118.75	-4.40	652.56	18.09
13235	21.89	0.55	-6.90	549.89	479.66	113.75	10.66	655.68	-10.77
13236	21.83	1.65	-6.90	577.16	449.55	108.19	4.23	654.55	-30.30
13237	20.99	-1.65	-6.90	653.12	344.06	-264.88	11.59	635.68	14.39
13238	21.05	-0.55	-6.90	646.85	356.18	-272.12	4.56	643.16	3.19
13239	21.05	0.55	-6.90	645.43	357.15	-277.88	2.06	647.33	-5.19
13240	20.99	1.65	-6.90	648.89	346.88	-282.08	-5.17	648.10	-15.85
13241	20.14	-1.65	-6.90	685.50	239.19	-539.19	11.02	586.95	-8.53
13242	20.20	-0.55	-6.90	685.20	247.31	-549.26	5.70	596.14	-7.34
13243	20.20	0.55	-6.90	684.12	248.18	-556.19	2.06	600.82	-5.86
13244	20.14	1.65	-6.90	682.33	241.80	-559.90	-3.36	600.92	-4.00
13245	23.52	-1.65	-8.30	561.20	628.93	835.87	-274.95	681.81	-477.69
13246	23.57	-0.55	-8.30	149.61	603.35	495.60	-57.30	339.17	-120.77
13247	23.57	0.55	-8.30	149.57	606.24	492.59	69.26	338.69	129.99
13248	23.52	1.65	-8.30	561.43	636.37	828.51	286.88	678.76	484.69
13249	22.67	-1.65	-8.30	1001.32	589.57	579.86	-95.70	462.93	46.26
13250	22.73	-0.55	-8.30	830.37	705.78	568.03	-61.80	407.79	-16.17
13251	22.73	0.55	-8.30	829.67	706.60	562.26	71.43	409.48	32.63
13252	22.67	1.65	-8.30	997.70	591.85	562.36	103.42	467.95	-29.68
13253	21.83	-1.65	-8.30	1121.41	488.95	42.28	0.66	535.10	51.54
13254	21.89	-0.55	-8.30	1088.66	523.09	40.74	-5.30	537.74	21.59
13255	21.89	0.55	-8.30	1086.78	524.31	35.07	12.99	540.89	-11.39
13256	21.83	1.65	-8.30	1115.61	493.18	25.54	6.53	544.56	-41.07
13257	20.99	-1.65	-8.30	1118.21	372.17	-284.76	18.14	603.85	23.01
13258	21.05	-0.55	-8.30	1112.82	384.00	-290.99	8.28	610.76	7.15
13259	21.05	0.55	-8.30	1111.13	385.69	-296.75	1.17	614.50	-7.25
13260	20.99	1.65	-8.30	1113.23	377.21	-301.90	-8.77	614.95	-22.73
13261	20.14	-1.65	-8.30	1094.10	266.31	-477.65	24.82	578.35	-2.94
13262	20.20	-0.55	-8.30	1094.45	275.19	-486.38	11.87	586.54	-4.75
13263	20.20	0.55	-8.30	1093.36	276.98	-492.86	0.01	590.61	-6.48
13264	20.14	1.65	-8.30	1090.94	271.66	-497.05	-13.00	590.46	-7.71
13265	-0.62	-1.65	-2.70	41.89	-41.18	-1030.20	-10.35	-181.22	-113.79
13266	-0.62	-0.55	-2.70	44.59	-38.50	-1047.98	-3.28	-181.78	-73.19

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
13267	-0.62	0.55	-2.70	45.00	-39.31	-1064.05	3.79	-182.06	-31.09
13268	-0.62	1.65	-2.70	43.06	-43.76	-1078.30	10.89	-182.07	12.11
13269	-1.85	-1.65	-2.70	36.81	-45.23	-1078.18	-12.89	-242.05	-113.30
13270	-1.85	-0.55	-2.70	39.53	-42.53	-1095.87	-4.32	-243.62	-72.56
13271	-1.85	0.55	-2.70	39.85	-43.39	-1111.83	4.31	-244.60	-30.33
13272	-1.85	1.65	-2.70	37.72	-47.94	-1125.95	12.99	-244.97	12.96
13273	-3.08	-1.65	-2.70	19.46	-51.71	-1121.35	-15.44	-304.41	-111.72
13274	-3.08	-0.55	-2.70	22.05	-49.06	-1138.72	-5.29	-306.98	-71.15
13275	-3.08	0.55	-2.70	22.22	-50.00	-1154.47	4.98	-308.63	-29.12
13276	-3.08	1.65	-2.70	19.92	-54.68	-1168.51	15.33	-309.30	13.93
13277	-4.31	-1.65	-2.70	-10.16	-60.75	-1160.21	-17.92	-366.40	-109.07
13278	-4.33	-0.55	-2.70	-7.87	-58.20	-1177.04	-6.12	-369.93	-68.99
13279	-4.33	0.55	-2.70	-7.91	-59.27	-1192.50	5.83	-372.19	-27.51
13280	-4.31	1.65	-2.70	-10.32	-64.08	-1206.51	17.88	-373.10	14.95
13281	-5.55	-1.65	-2.70	-51.75	-72.50	-1196.21	-20.22	-426.17	-105.43
13282	-5.56	-0.55	-2.70	-49.89	-70.14	-1212.30	-6.77	-430.56	-66.16
13283	-5.56	0.55	-2.70	-50.19	-71.36	-1227.42	6.87	-433.34	-25.56
13284	-5.55	1.65	-2.70	-52.67	-76.30	-1241.48	20.63	-434.45	15.96
13285	-6.78	-1.65	-2.70	-104.72	-87.18	-1231.71	-22.23	-482.00	-100.89
13286	-6.80	-0.55	-2.70	-103.41	-85.05	-1246.94	-7.17	-487.12	-62.75
13287	-6.80	0.55	-2.70	-104.01	-86.46	-1261.68	8.12	-490.36	-23.35
13288	-6.78	1.65	-2.70	-106.52	-91.53	-1275.88	23.53	-491.63	16.90
13289	-8.01	-1.65	-2.70	-168.34	-105.04	-1270.01	-23.89	-532.56	-95.59
13290	-8.04	-0.55	-2.70	-167.67	-103.19	-1284.31	-7.29	-538.23	-58.85
13291	-8.04	0.55	-2.70	-168.59	-104.81	-1298.68	9.55	-541.83	-20.96
13292	-8.01	1.65	-2.70	-171.10	-110.00	-1313.08	26.52	-543.27	17.74
13293	-9.25	-1.65	-2.70	-241.92	-126.39	-1315.22	-25.16	-576.97	-89.70
13294	-9.27	-0.55	-2.70	-241.93	-124.87	-1328.61	-7.13	-583.01	-54.60
13295	-9.27	0.55	-2.70	-243.19	-126.72	-1342.64	11.16	-586.88	-18.44
13296	-9.25	1.65	-2.70	-245.69	-132.02	-1357.29	29.56	-588.50	18.47
13297	-10.48	-1.65	-2.70	-325.07	-151.69	-1372.24	-26.05	-615.02	-83.41
13298	-10.51	-0.55	-2.70	-325.80	-150.53	-1384.82	-6.70	-621.24	-50.10
13299	-10.51	0.55	-2.70	-327.41	-152.63	-1398.57	12.91	-625.30	-15.83
13300	-10.48	1.65	-2.70	-329.90	-158.05	-1413.49	32.64	-627.14	19.15
13301	-11.71	-1.65	-2.70	-418.23	-181.63	-1446.72	-26.63	-647.28	-76.93
13302	-11.75	-0.55	-2.70	-419.66	-180.86	-1458.68	-6.03	-653.50	-45.46
13303	-11.75	0.55	-2.70	-421.63	-183.21	-1472.23	14.80	-657.70	-13.13
13304	-11.71	1.65	-2.70	-424.15	-188.76	-1487.41	35.76	-659.80	19.86
13305	-12.94	-1.65	-2.70	-523.24	-217.30	-1545.36	-27.05	-675.25	-70.48
13306	-12.98	-0.55	-2.70	-525.35	-216.93	-1556.96	-5.23	-681.33	-40.78
13307	-12.98	0.55	-2.70	-527.71	-219.57	-1570.43	16.83	-685.60	-10.32
13308	-12.94	1.65	-2.70	-530.31	-225.27	-1585.80	39.03	-687.99	20.77
13309	-14.18	-1.65	-2.70	-644.49	-260.53	-1676.61	-27.58	-701.51	-64.23
13310	-14.22	-0.55	-2.70	-647.28	-260.60	-1688.16	-4.39	-707.36	-36.09
13311	-14.22	0.55	-2.70	-650.03	-263.56	-1701.68	19.04	-711.68	-7.28
13312	-14.18	1.65	-2.70	-652.78	-269.45	-1717.19	42.65	-714.40	22.11
13313	-15.41	-1.65	-2.70	-790.90	-314.76	-1853.98	-28.61	-730.04	-58.35
13314	-15.46	-0.55	-2.70	-794.36	-315.34	-1865.86	-3.67	-735.64	-31.38
13315	-15.46	0.55	-2.70	-797.53	-318.68	-1879.58	21.56	-740.00	-3.85
13316	-15.41	1.65	-2.70	-800.48	-324.80	-1895.17	47.01	-743.05	24.25
13317	-16.64	-1.65	-2.70	-979.72	-385.87	-2096.41	-30.81	-766.97	-52.87
13318	-16.69	-0.55	-2.70	-983.93	-387.01	-2108.91	-3.21	-772.44	-26.51
13319	-16.69	0.55	-2.70	-987.60	-390.71	-2123.06	24.71	-776.87	0.33
13320	-16.64	1.65	-2.70	-990.80	-397.12	-2138.81	52.83	-780.16	27.72
13321	-17.87	-1.65	-2.70	-1243.34	-494.64	-2508.07	-33.77	-814.41	-47.43
13322	-17.93	-0.55	-2.70	-1248.69	-496.39	-2522.60	-2.45	-819.59	-21.09
13323	-17.93	0.55	-2.70	-1253.17	-500.45	-2537.82	29.02	-824.13	5.79
13324	-17.87	1.65	-2.70	-1256.61	-507.03	-2553.53	60.58	-827.87	33.24
13325	-19.11	-1.65	-2.70	-1695.90	-621.75	-2840.96	-41.59	-1111.26	-64.09
13326	-19.17	-0.55	-2.70	-1704.46	-624.25	-2858.66	-1.39	-1118.17	-22.23
13327	-19.17	0.55	-2.70	-1710.42	-628.87	-2874.04	38.84	-1123.98	20.40
13328	-19.11	1.65	-2.70	-1713.33	-635.61	-2886.66	79.16	-1128.42	63.79
13329	-0.62	-1.65	-4.10	182.75	-1.43	-924.13	-6.78	-170.69	-105.35
13330	-0.62	-0.55	-4.10	185.95	1.41	-939.07	-2.06	-171.36	-70.69
13331	-0.62	0.55	-4.10	186.51	0.99	-952.89	2.64	-171.57	-34.74
13332	-0.62	1.65	-4.10	184.39	-2.81	-965.52	7.38	-171.33	2.09
13333	-1.85	-1.65	-4.10	171.61	-3.60	-969.55	-9.32	-216.84	-104.70
13334	-1.85	-0.55	-4.10	174.76	-0.73	-984.40	-3.05	-218.32	-70.09
13335	-1.85	0.55	-4.10	175.25	-1.19	-998.15	3.27	-219.12	-34.21
13336	-1.85	1.65	-4.10	173.04	-5.08	-1010.73	9.62	-219.21	2.55
13337	-3.08	-1.65	-4.10	150.13	-8.04	-1012.39	-11.84	-264.25	-103.15
13338	-3.09	-0.55	-4.10	153.09	-5.22	-1026.98	-3.97	-266.55	-68.85
13339	-3.09	0.55	-4.10	153.46	-5.75	-1040.59	3.99	-267.91	-33.29
13340	-3.08	1.65	-4.10	151.20	-9.73	-1053.18	12.00	-268.28	3.11
13341	-4.31	-1.65	-4.10	118.33	-14.87	-1053.21	-14.24	-311.45	-100.72
13342	-4.33	-0.55	-4.10	120.97	-12.15	-1067.37	-4.77	-314.53	-66.97
13343	-4.33	0.55	-4.10	121.18	-12.78	-1080.80	4.82	-316.40	-32.03
13344	-4.31	1.65	-4.10	118.90	-16.84	-1093.47	14.48	-317.01	3.74
13345	-5.55	-1.65	-4.10	76.53	-24.17	-1093.37	-16.44	-356.96	-97.46
13346	-5.56	-0.55	-4.10	78.75	-21.63	-1106.96	-5.41	-360.75	-64.53
13347	-5.56	0.55	-4.10	78.75	-22.38	-1120.19	5.78	-363.08	-30.46
13348	-5.55	1.65	-4.10	76.50	-26.52	-1133.00	17.03	-363.88	4.39
13349	-6.78	-1.65	-4.10	25.39	-36.08	-1134.99	-18.34	-399.41	-93.45
13350	-6.80	-0.55	-4.10	27.08	-33.78	-1147.94	-5.85	-403.81	-61.59
13351	-6.80	0.55	-4.10	26.84	-34.68	-1160.93	6.84	-406.52	-28.64
13352	-6.78	1.65	-4.10	24.66	-38.87	-1173.96	19.60	-407.50	5.03
13353	-8.01	-1.65	-4.10	-34.28	-50.73	-1180.96	-19.89	-437.62	-88.78
13354	-8.04	-0.55	-4.10	-33.19	-48.70	-1193.23	-6.05	-442.50	-58.22
13355	-8.04	0.55	-4.10	-33.67	-49.77	-1206.01	8.00	-445.53	-26.64
13356	-8.01	1.65	-4.10	-35.76	-54.00	-1219.30	22.12	-446.67	5.61
13357	-9.25	-1.65	-4.10	-101.47	-68.24	-1234.84	-21.02	-470.69	-83.59
13358	-9.27	-0.55	-4.10	-101.02	-66.55	-1246.47	-6.01	-475.91	-54.51
13359	-9.27	0.55	-4.10	-101.78	-67.80	-1259.07	9.23	-479.20	-24.51
13360	-9.25	1.65	-4.10	-103.74	-72.05	-1272.66	24.52	-480.49	6.13
13361	-10.48	-1.65	-4.10	-175.19	-88.80	-1300.84	-21.72	-498.08	-77.98
13362	-10.51	-0.55	-4.10	-175.41	-87.49	-1311.93	-5.73	-503.50	-50.55
13363	-10.51	0.55	-4.10	-176.43	-88.93	-1324.41	10.48	-506.97	-22.27
13364	-10.48	1.65	-4.10	-178.25	-93.17	-1338.28	26.75	-508.42	6.60
13365	-11.71	-1.65	-4.10	-254.50	-112.62	-1383.79	-21.95	-519.64	-72.10



Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
13366	-11.75	-0.55	-4.10	-255.38	-111.74	-1394.53	-5.22	-525.12	-46.41
13367	-11.75	0.55	-4.10	-256.65	-113.37	-1406.95	11.73	-528.70	-19.96
13368	-11.71	1.65	-4.10	-258.33	-117.58	-1421.06	28.74	-530.34	7.05
13369	-12.94	-1.65	-4.10	-338.50	-139.96	-1489.36	-21.71	-535.70	-66.09
13370	-12.98	-0.55	-4.10	-340.01	-139.56	-1499.98	-4.51	-541.12	-42.15
13371	-12.98	0.55	-4.10	-341.53	-141.40	-1512.42	12.91	-544.78	-17.55
13372	-12.94	1.65	-4.10	-343.06	-145.52	-1526.71	30.39	-546.62	7.58
13373	-14.18	-1.65	-4.10	-425.89	-171.12	-1624.66	-20.92	-547.43	-60.12
13374	-14.22	-0.55	-4.10	-427.98	-171.27	-1635.46	-3.59	-552.69	-37.83
13375	-14.22	0.55	-4.10	-429.71	-173.32	-1648.03	13.96	-556.39	-14.97
13376	-14.18	1.65	-4.10	-431.07	-177.29	-1662.38	31.54	-558.47	8.39
13377	-15.41	-1.65	-4.10	-513.13	-206.06	-1798.65	-19.29	-558.19	-54.51
13378	-15.46	-0.55	-4.10	-515.76	-206.89	-1809.98	-2.37	-563.21	-33.51
13379	-15.46	0.55	-4.10	-517.64	-209.11	-1822.78	14.74	-566.96	-12.03
13380	-15.41	1.65	-4.10	-518.76	-212.79	-1837.05	31.86	-569.38	9.92
13381	-16.64	-1.65	-4.10	-589.30	-244.07	-2027.64	-15.84	-578.87	-50.31
13382	-16.69	-0.55	-4.10	-592.38	-245.74	-2040.10	-0.47	-583.55	-29.48
13383	-16.69	0.55	-4.10	-594.35	-248.08	-2053.25	15.01	-587.41	-8.26
13384	-16.64	1.65	-4.10	-595.12	-251.16	-2067.06	30.42	-590.42	13.50
13385	-17.87	-1.65	-4.10	-617.21	-272.27	-2284.24	-8.28	-675.87	-53.46
13386	-17.93	-0.55	-4.10	-620.21	-275.03	-2298.94	3.03	-680.58	-27.72
13387	-17.93	0.55	-4.10	-622.07	-277.34	-2312.34	14.26	-684.89	-1.54
13388	-17.87	1.65	-4.10	-622.64	-279.27	-2324.28	25.36	-688.81	25.29
13389	-19.11	-1.65	-4.10	-594.19	-250.34	-2310.32	-0.90	-967.70	-74.21
13390	-19.17	-0.55	-4.10	-596.44	-253.47	-2325.54	6.70	-975.29	-31.86
13391	-19.17	0.55	-4.10	-598.04	-255.57	-2337.87	14.09	-980.80	11.24
13392	-19.11	1.65	-4.10	-598.84	-256.73	-2347.09	21.40	-984.17	54.89
13393	-0.62	-1.65	-5.50	351.61	52.96	-840.47	-2.53	-155.91	-96.63
13394	-0.62	-0.55	-5.50	355.42	56.20	-853.00	-0.68	-156.63	-67.62
13395	-0.62	0.55	-5.50	356.30	56.53	-864.92	1.15	-156.79	-37.53
13396	-0.62	1.65	-5.50	354.22	53.86	-876.19	3.01	-156.39	-6.68
13397	-1.85	-1.65	-5.50	335.13	53.32	-883.98	-5.20	-189.52	-95.92
13398	-1.85	-0.55	-5.50	338.80	56.59	-896.42	-1.74	-190.89	-67.08
13399	-1.85	0.55	-5.50	339.62	56.90	-908.30	1.74	-191.55	-37.15
13400	-1.85	1.65	-5.50	337.56	54.14	-919.58	5.26	-191.47	-6.48
13401	-3.08	-1.65	-5.50	310.29	51.64	-926.59	-7.79	-224.26	-94.48
13402	-3.09	-0.55	-5.50	313.72	54.87	-938.82	-2.74	-226.28	-65.98
13403	-3.09	0.55	-5.50	314.45	55.11	-950.62	2.39	-227.40	-36.43
13404	-3.08	1.65	-5.50	312.43	52.30	-961.97	7.55	-227.61	-6.15
13405	-4.31	-1.65	-5.50	277.18	47.83	-968.92	-10.22	-259.06	-92.33
13406	-4.33	-0.55	-5.50	280.27	50.96	-980.80	-3.62	-261.70	-64.37
13407	-4.33	0.55	-5.50	280.86	51.13	-992.51	3.09	-263.27	-35.38
13408	-4.31	1.65	-5.50	278.93	48.26	-1004.00	9.83	-263.73	-5.69
13409	-5.55	-1.65	-5.50	236.22	41.87	-1012.24	-12.40	-292.88	-89.52
13410	-5.56	-0.55	-5.50	238.88	44.82	-1023.70	-4.35	-296.09	-62.27
13411	-5.56	0.55	-5.50	239.31	44.89	-1035.29	3.84	-298.06	-34.04
13412	-5.55	1.65	-5.50	237.49	41.99	-1047.00	12.06	-298.74	-5.13
13413	-6.78	-1.65	-5.50	188.19	33.72	-1058.53	-14.25	-324.75	-86.13
13414	-6.80	-0.55	-5.50	190.32	36.44	-1069.52	-4.90	-328.45	-59.75
13415	-6.80	0.55	-5.50	190.57	36.39	-1081.00	4.62	-330.77	-32.45
13416	-6.78	1.65	-5.50	188.92	33.49	-1092.98	14.17	-331.65	-4.50
13417	-8.01	-1.65	-5.50	134.20	23.40	-1110.40	-15.70	-353.85	-82.23
13418	-8.04	-0.55	-5.50	135.75	25.83	-1120.90	-5.24	-357.95	-56.86
13419	-8.04	0.55	-5.50	135.80	25.65	-1132.29	5.41	-360.56	-30.64
13420	-8.01	1.65	-5.50	134.36	22.79	-1144.58	16.08	-361.64	-3.79
13421	-9.25	-1.65	-5.50	75.73	10.99	-1171.01	-16.66	-379.63	-77.93
13422	-9.27	-0.55	-5.50	76.66	13.06	-1181.08	-5.35	-384.03	-53.68
13423	-9.27	0.55	-5.50	76.52	12.74	-1192.41	6.16	-386.88	-28.64
13424	-9.25	1.65	-5.50	75.32	9.96	-1205.03	17.68	-388.14	-3.00
13425	-10.48	-1.65	-5.50	14.71	-3.37	-1244.03	-17.06	-401.90	-73.35
13426	-10.51	-0.55	-5.50	15.00	-1.70	-1253.79	-5.23	-406.48	-50.27
13427	-10.51	0.55	-5.50	14.68	-2.17	-1265.11	6.82	-409.52	-26.47
13428	-10.48	1.65	-5.50	13.75	-4.81	-1278.03	18.86	-410.98	-2.10
13429	-11.71	-1.65	-5.50	-46.35	-19.36	-1333.52	-16.81	-421.04	-68.67
13430	-11.75	-0.55	-5.50	-46.67	-18.17	-1343.15	-4.85	-425.70	-46.71
13431	-11.75	0.55	-5.50	-47.15	-18.77	-1354.52	7.31	-428.89	-24.11
13432	-11.71	1.65	-5.50	-47.78	-21.21	-1367.66	19.45	-430.58	-0.97
13433	-12.94	-1.65	-5.50	-103.92	-36.42	-1443.74	-15.76	-438.56	-64.11
13434	-12.98	-0.55	-5.50	-104.81	-35.75	-1453.50	-4.21	-443.18	-43.09
13435	-12.98	0.55	-5.50	-105.40	-36.48	-1464.98	7.53	-446.50	-21.50
13436	-12.94	1.65	-5.50	-105.71	-38.62	-1478.21	19.25	-448.47	0.61
13437	-14.18	-1.65	-5.50	-152.62	-53.39	-1578.54	-13.69	-458.38	-60.09
13438	-14.22	-0.55	-5.50	-153.95	-53.34	-1588.75	-3.25	-462.87	-39.53
13439	-14.22	0.55	-5.50	-154.62	-54.16	-1600.39	7.37	-466.32	-18.47
13440	-14.18	1.65	-5.50	-154.59	-55.88	-1613.49	17.94	-468.69	3.10
13441	-15.41	-1.65	-5.50	-183.93	-68.03	-1739.35	-10.28	-490.21	-57.52
13442	-15.46	-0.55	-5.50	-185.52	-68.67	-1750.47	-1.87	-494.52	-36.29
13443	-15.46	0.55	-5.50	-186.17	-69.53	-1762.29	6.66	-498.16	-14.65
13444	-15.41	1.65	-5.50	-185.86	-70.65	-1774.83	15.12	-501.10	7.52
13445	-16.64	-1.65	-5.50	-185.73	-74.87	-1911.52	-5.27	-559.52	-58.47
13446	-16.69	-0.55	-5.50	-187.14	-76.22	-1924.15	0.01	-563.86	-34.02
13447	-16.69	0.55	-5.50	-187.69	-77.04	-1936.06	5.31	-567.84	-9.22
13448	-16.64	1.65	-5.50	-187.33	-77.36	-1947.22	10.54	-571.47	16.19
13449	-17.87	-1.65	-5.50	-163.79	-63.71	-2023.79	-0.58	-707.36	-65.99
13450	-17.93	-0.55	-5.50	-164.49	-65.47	-2037.97	1.75	-712.78	-33.69
13451	-17.93	0.55	-5.50	-164.92	-66.12	-2049.53	4.00	-717.39	-1.00
13452	-17.87	1.65	-5.50	-165.05	-65.73	-2058.39	6.22	-721.16	32.31
13453	-19.11	-1.65	-5.50	-180.09	-28.22	-1944.99	-2.62	-920.80	-77.98
13454	-19.17	-0.55	-5.50	-180.69	-29.44	-1958.49	1.14	-928.77	-34.47
13455	-19.17	0.55	-5.50	-181.27	-29.85	-1968.77	4.84	-934.12	9.46
13456	-19.11	1.65	-5.50	-181.79	-29.52	-1975.77	8.53	-936.77	53.92
13457	-0.62	-1.65	-6.90	545.84	121.76	-776.39	2.21	-138.21	-87.22
13458	-0.62	-0.55	-6.90	550.36	125.69	-786.92	0.81	-138.92	-63.47
13459	-0.62	0.55	-6.90	551.71	127.12	-797.22	-0.63	-139.04	-38.80
13460	-0.62	1.65	-6.90	549.87	125.95	-807.28	-2.03	-138.56	-13.48
13461	-1.85	-1.65	-6.90	524.62	125.17	-818.41	-0.73	-161.42	-86.53
13462	-1.85	-0.55	-6.90	528.93	129.14	-828.86	-0.46	-162.64	-62.98
13463	-1.85	0.55	-6.90	530.24	130.55	-839.14	-0.17	-163.18	-38.53
13464	-1.85	1.65	-6.90	528.50	129.30	-849.25	0.14	-163.04	-13.42

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
13465	-3.08	-1.65	-6.90	496.96	126.78	-860.65	-3.53	-185.75	-85.27
13466	-3.09	-0.55	-6.90	500.99	130.72	-870.93	-1.64	-187.46	-62.04
13467	-3.09	0.55	-6.90	502.22	132.08	-881.17	0.30	-188.41	-37.93
13468	-3.08	1.65	-6.90	500.61	130.77	-891.39	2.27	-188.58	-13.17
13469	-4.31	-1.65	-6.90	463.00	126.55	-903.73	-6.12	-210.55	-83.47
13470	-4.33	-0.55	-6.90	466.66	130.40	-913.76	-2.72	-212.75	-60.66
13471	-4.33	0.55	-6.90	467.78	131.68	-923.96	0.78	-214.08	-37.00
13472	-4.31	1.65	-6.90	466.33	130.34	-934.35	4.31	-214.53	-12.70
13473	-5.55	-1.65	-6.90	423.20	124.48	-948.87	-8.44	-235.24	-81.19
13474	-5.56	-0.55	-6.90	426.41	128.17	-958.58	-3.65	-237.88	-58.89
13475	-5.56	0.55	-6.90	427.40	129.36	-968.75	1.26	-239.57	-35.78
13476	-5.55	1.65	-6.90	426.14	128.01	-979.38	6.20	-240.29	-12.03
13477	-6.78	-1.65	-6.90	378.41	120.62	-997.84	-10.40	-259.35	-78.51
13478	-6.80	-0.55	-6.90	381.11	124.08	-1007.22	-4.41	-262.36	-56.77
13479	-6.80	0.55	-6.90	381.95	125.17	-1017.36	1.73	-264.38	-34.26
13480	-6.78	1.65	-6.90	380.93	123.84	-1028.27	7.87	-265.35	-11.14
13481	-8.01	-1.65	-6.90	329.91	115.08	-1052.94	-11.92	-282.61	-75.50
13482	-8.04	-0.55	-6.90	332.04	118.25	-1061.99	-4.98	-285.94	-54.35
13483	-8.04	0.55	-6.90	332.73	119.24	-1072.13	2.13	-288.23	-32.47
13484	-8.01	1.65	-6.90	331.98	117.97	-1083.36	9.24	-289.46	-10.00
13485	-9.25	-1.65	-6.90	279.45	108.09	-1116.87	-12.91	-305.09	-72.30
13486	-9.27	-0.55	-6.90	280.98	110.91	-1125.67	-5.34	-308.65	-51.69
13487	-9.27	0.55	-6.90	281.53	111.77	-1135.83	2.43	-311.20	-30.41
13488	-9.25	1.65	-6.90	281.09	110.64	-1147.38	10.18	-312.68	-8.55
13489	-10.48	-1.65	-6.90	229.37	100.00	-1192.56	-13.29	-327.40	-69.03
13490	-10.51	-0.55	-6.90	230.31	102.42	-1201.25	-5.46	-331.11	-48.86
13491	-10.51	0.55	-6.90	230.73	103.17	-1211.48	2.57	-333.87	-28.06
13492	-10.48	1.65	-6.90	230.62	102.22	-1223.28	10.57	-335.64	-6.69
13493	-11.71	-1.65	-6.90	182.73	91.44	-1282.80	-12.97	-351.00	-65.93
13494	-11.75	-0.55	-6.90	183.11	93.39	-1291.57	-5.34	-354.79	-45.93
13495	-11.75	0.55	-6.90	183.42	94.04	-1301.91	2.48	-357.75	-25.38
13496	-11.71	1.65	-6.90	183.66	93.36	-1313.84	10.25	-359.83	-4.25
13497	-12.94	-1.65	-6.90	143.38	83.38	-1389.44	-11.84	-378.94	-63.29
13498	-12.98	-0.55	-6.90	143.31	84.82	-1398.57	-4.96	-382.76	-43.01
13499	-12.98	0.55	-6.90	143.55	85.39	-1409.05	2.08	-385.92	-22.23
13500	-12.94	1.65	-6.90	144.12	85.07	-1420.88	9.08	-388.37	-0.88
13501	-14.18	-1.65	-6.90	115.88	77.39	-1511.58	-9.87	-417.13	-61.64
13502	-14.22	-0.55	-6.90	115.53	78.29	-1521.43	-4.33	-420.96	-40.25
13503	-14.22	0.55	-6.90	115.74	78.82	-1532.04	1.34	-424.34	-18.42
13504	-14.18	1.65	-6.90	116.54	78.94	-1543.41	6.96	-427.24	3.99
13505	-15.41	-1.65	-6.90	104.02	75.99	-1640.67	-7.21	-476.31	-61.76
13506	-15.46	-0.55	-6.90	103.66	76.40	-1651.65	-3.51	-480.29	-37.87
13507	-15.46	0.55	-6.90	103.88	76.93	-1662.32	0.28	-483.96	-13.59
13508	-15.41	1.65	-6.90	104.71	77.56	-1672.69	4.02	-487.30	11.29
13509	-16.64	-1.65	-6.90	104.54	82.72	-1750.39	-4.77	-570.88	-64.56
13510	-16.69	-0.55	-6.90	104.47	82.84	-1762.69	-2.78	-575.47	-36.14
13511	-16.69	0.55	-6.90	104.70	83.43	-1773.23	-0.78	-579.55	-7.33
13512	-16.64	1.65	-6.90	105.23	84.49	-1781.98	1.23	-583.07	22.07
13513	-17.87	-1.65	-6.90	97.49	100.46	-1791.51	-4.70	-703.70	-69.68
13514	-17.93	-0.55	-6.90	97.66	100.71	-1804.55	-2.85	-709.68	-34.88
13515	-17.93	0.55	-6.90	97.79	101.43	-1814.56	-1.02	-714.23	0.37
13516	-17.87	1.65	-6.90	97.89	102.60	-1821.51	0.85	-717.28	36.13
13517	-19.11	-1.65	-6.90	55.79	129.10	-1713.79	-9.03	-843.06	-73.94
13518	-19.17	-0.55	-6.90	55.43	130.06	-1725.85	-4.32	-850.71	-33.00
13519	-19.17	0.55	-6.90	55.26	130.93	-1734.81	0.40	-855.63	8.43
13520	-19.11	1.65	-6.90	55.34	131.71	-1740.68	5.15	-857.70	50.21
13521	-0.62	-1.65	-8.30	762.24	204.32	-729.09	7.28	-118.68	-76.57
13522	-0.62	-0.55	-8.30	767.59	209.29	-738.00	2.36	-119.33	-57.67
13523	-0.62	0.55	-8.30	769.57	212.14	-746.93	-2.61	-119.42	-38.02
13524	-0.62	1.65	-8.30	768.12	212.79	-755.87	-7.53	-118.94	-17.79
13525	-1.85	-1.65	-8.30	736.76	211.19	-769.84	3.93	-133.49	-75.95
13526	-1.85	-0.55	-8.30	741.86	216.21	-778.70	0.77	-134.53	-57.24
13527	-1.85	0.55	-8.30	743.79	219.04	-787.62	-2.39	-134.98	-37.81
13528	-1.85	1.65	-8.30	742.53	219.60	-796.61	-5.51	-134.84	-17.80
13529	-3.08	-1.65	-8.30	706.62	216.47	-811.38	0.75	-149.47	-74.90
13530	-3.09	-0.55	-8.30	711.40	221.49	-820.12	-0.73	-150.87	-56.45
13531	-3.09	0.55	-8.30	713.27	224.27	-829.04	-2.18	-151.68	-37.28
13532	-3.08	1.65	-8.30	712.20	224.75	-838.13	-3.58	-151.87	-17.53
13533	-4.31	-1.65	-8.30	671.93	220.16	-854.30	-2.20	-166.38	-73.49
13534	-4.33	-0.55	-8.30	676.32	225.10	-862.87	-2.13	-168.14	-55.30
13535	-4.33	0.55	-8.30	678.09	227.82	-871.78	-1.98	-169.28	-36.43
13536	-4.31	1.65	-8.30	677.23	228.23	-881.04	-1.79	-169.79	-16.97
13537	-5.55	-1.65	-8.30	633.07	222.26	-899.66	-4.85	-184.09	-71.77
13538	-5.56	-0.55	-8.30	637.01	227.06	-908.02	-3.39	-186.16	-53.84
13539	-5.56	0.55	-8.30	638.67	229.69	-916.94	-1.80	-187.62	-35.26
13540	-5.55	1.65	-8.30	638.03	230.07	-926.42	-0.19	-188.45	-16.09
13541	-6.78	-1.65	-8.30	590.79	222.84	-948.98	-7.15	-202.62	-69.83
13542	-6.80	-0.55	-8.30	594.22	227.44	-957.12	-4.49	-204.96	-52.11
13543	-6.80	0.55	-8.30	595.76	229.96	-966.06	-1.67	-206.72	-33.77
13544	-6.78	1.65	-8.30	595.37	230.34	-975.81	1.16	-207.87	-14.83
13545	-8.01	-1.65	-8.30	546.23	222.04	-1004.14	-9.03	-222.29	-67.75
13546	-8.04	-0.55	-8.30	549.11	226.37	-1012.10	-5.40	-224.86	-50.14
13547	-8.04	0.55	-8.30	550.51	228.78	-1021.08	-1.61	-226.89	-31.94
13548	-8.01	1.65	-8.30	550.41	229.20	-1031.11	2.19	-228.36	-13.14
13549	-9.25	-1.65	-8.30	500.96	220.10	-1067.24	-10.40	-243.83	-65.68
13550	-9.27	-0.55	-8.30	503.28	224.11	-1075.10	-6.12	-246.58	-47.98
13551	-9.27	0.55	-8.30	504.55	226.40	-1084.16	-1.66	-248.86	-29.75
13552	-9.25	1.65	-8.30	504.75	226.91	-1094.43	2.80	-250.67	-10.91
13553	-10.48	-1.65	-8.30	457.00	217.43	-1140.29	-11.23	-268.56	-63.75
13554	-10.51	-0.55	-8.30	458.78	221.07	-1148.19	-6.64	-271.45	-45.71
13555	-10.51	0.55	-8.30	459.92	223.24	-1157.35	-1.86	-273.98	-27.17
13556	-10.48	1.65	-8.30	460.44	223.89	-1167.78	2.91	-276.12	-8.02
13557	-11.71	-1.65	-8.30	416.79	214.64	-1224.62	-11.45	-298.69	-62.18
13558	-11.75	-0.55	-8.30	418.07	217.86	-1232.77	-6.94	-301.70	-43.39
13559	-11.75	0.55	-8.30	419.11	219.92	-1242.05	-2.24	-304.47	-24.12
13560	-11.71	1.65	-8.30	419.92	220.77	-1252.48	2.44	-306.96	-4.25
13561	-12.94	-1.65	-8.30	382.82	212.62	-1319.78	-11.11	-337.64	-61.23
13562	-12.98	-0.55	-8.30	383.71	215.42	-1328.45	-7.05	-340.80	-41.09
13563	-12.98	0.55	-8.30	384.66	217.39	-1337.85	-2.82	-343.82	-20.51

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
13564	-12.94	1.65	-8.30	385.69	218.49	-1348.00	1.39	-346.66	0.69
13565	-14.18	-1.65	-8.30	356.76	212.66	-1421.46	-10.33	-390.40	-61.23
13566	-14.22	-0.55	-8.30	357.42	215.06	-1430.93	-7.01	-393.81	-38.91
13567	-14.22	0.55	-8.30	358.30	216.96	-1440.42	-3.55	-397.10	-16.17
13568	-14.18	1.65	-8.30	359.41	218.34	-1449.91	-0.10	-400.24	7.18
13569	-15.41	-1.65	-8.30	337.31	216.30	-1518.21	-9.57	-462.63	-62.43
13570	-15.46	-0.55	-8.30	337.92	218.42	-1528.71	-6.96	-466.53	-36.90
13571	-15.46	0.55	-8.30	338.71	220.29	-1538.18	-4.26	-470.14	-10.95
13572	-15.41	1.65	-8.30	339.71	221.91	-1546.59	-1.53	-473.40	15.59
13573	-16.64	-1.65	-8.30	317.28	225.00	-1589.14	-9.68	-556.53	-64.68
13574	-16.69	-0.55	-8.30	317.88	227.03	-1600.56	-7.16	-561.33	-34.99
13575	-16.69	0.55	-8.30	318.55	228.91	-1609.82	-4.58	-565.27	-4.84
13576	-16.64	1.65	-8.30	319.29	230.62	-1616.88	-1.96	-568.30	25.82
13577	-17.87	-1.65	-8.30	284.28	239.32	-1607.47	-11.67	-663.53	-66.89
13578	-17.93	-0.55	-8.30	284.63	241.57	-1619.15	-7.90	-669.55	-32.78
13579	-17.93	0.55	-8.30	285.08	243.48	-1627.92	-4.07	-673.79	1.81
13580	-17.87	1.65	-8.30	285.63	245.02	-1633.75	-0.19	-676.20	36.83
13581	-19.11	-1.65	-8.30	228.10	258.57	-1552.56	-15.98	-760.15	-66.98
13582	-19.17	-0.55	-8.30	227.68	261.31	-1563.32	-9.26	-767.21	-29.61
13583	-19.17	0.55	-8.30	227.79	263.26	-1571.31	-2.45	-771.63	8.26
13584	-19.11	1.65	-8.30	228.49	264.37	-1576.51	4.38	-773.32	46.43
13585	-20.14	-1.65	-2.70	-2110.98	-515.67	-1576.34	-57.93	-1493.08	-106.77
13586	-20.20	-0.55	-2.70	-2123.71	-517.83	-1586.47	0.79	-1505.55	-35.21
13587	-20.20	0.55	-2.70	-2130.24	-522.84	-1594.32	59.81	-1512.69	37.23
13588	-20.14	1.65	-2.70	-2130.00	-530.79	-1599.68	118.83	-1514.10	110.30
13589	-20.99	-1.65	-2.70	-760.45	-94.98	-80.19	-0.77	-343.62	-23.17
13590	-21.05	-0.55	-2.70	-762.27	-97.43	-80.36	17.21	-345.97	-7.44
13591	-21.05	0.55	-2.70	-762.90	-99.96	-80.63	34.63	-347.44	8.11
13592	-20.99	1.65	-2.70	-762.50	-102.90	-81.17	51.84	-348.15	23.70
13593	-21.83	-1.65	-2.70	-230.53	8.26	-67.35	18.68	-118.72	-4.32
13594	-21.89	-0.55	-2.70	-229.35	6.21	-67.78	20.16	-119.42	-0.05
13595	-21.89	0.55	-2.70	-228.40	4.70	-68.14	21.13	-119.95	4.06
13596	-21.83	1.65	-2.70	-228.04	3.61	-68.51	21.71	-120.42	8.05
13597	-22.67	-1.65	-2.70	-36.04	70.26	-27.19	15.84	-17.72	4.05
13598	-22.73	-0.55	-2.70	-34.69	69.69	-27.38	14.78	-17.61	3.45
13599	-22.73	0.55	-2.70	-33.65	69.23	-27.60	13.50	-17.66	2.75
13600	-22.67	1.65	-2.70	-33.08	68.84	-27.85	11.93	-17.90	1.90
13601	-23.52	-1.65	-2.70	2.83	99.81	4.65	2.87	20.54	9.75
13602	-23.57	-0.55	-2.70	3.18	100.79	4.68	4.75	21.14	6.94
13603	-23.57	0.55	-2.70	3.64	101.18	4.61	6.67	21.44	4.02
13604	-23.52	1.65	-2.70	4.16	100.97	4.46	8.46	21.40	0.99
13605	-20.14	-1.65	-4.10	-710.20	-148.20	-1638.60	-15.80	-1270.69	-95.40
13606	-20.20	-0.55	-4.10	-713.51	-149.14	-1648.61	2.21	-1281.57	-35.37
13607	-20.20	0.55	-4.10	-715.58	-150.80	-1656.72	20.19	-1287.99	25.53
13608	-20.14	1.65	-4.10	-716.24	-153.40	-1662.94	38.16	-1289.80	86.51
13609	-20.99	-1.65	-4.10	-807.55	-22.33	-707.06	-33.61	-938.48	-62.72
13610	-21.05	-0.55	-4.10	-812.95	-20.99	-710.82	-3.27	-945.90	-20.73
13611	-21.05	0.55	-4.10	-815.43	-22.20	-714.16	27.07	-950.34	21.59
13612	-20.99	1.65	-4.10	-814.98	-26.12	-717.27	57.23	-951.88	63.64
13613	-21.83	-1.65	-4.10	-444.13	95.27	-257.18	-19.29	-425.14	-19.19
13614	-21.89	-0.55	-4.10	-446.93	96.79	-258.44	0.38	-428.04	-3.50
13615	-21.89	0.55	-4.10	-448.00	96.38	-259.79	19.92	-430.03	12.19
13616	-21.83	1.65	-4.10	-447.49	94.05	-261.33	39.24	-431.24	27.53
13617	-22.67	-1.65	-4.10	-184.32	153.32	-153.46	-10.68	-162.32	4.07
13618	-22.73	-0.55	-4.10	-185.52	155.04	-154.27	1.04	-162.99	6.73
13619	-22.73	0.55	-4.10	-185.80	155.31	-155.32	12.76	-163.68	9.38
13620	-22.67	1.65	-4.10	-185.25	154.15	-156.58	24.27	-164.42	11.63
13621	-23.52	-1.65	-4.10	-40.37	200.42	-23.90	-11.21	-22.45	19.68
13622	-23.57	-0.55	-4.10	-40.99	202.75	-24.00	-2.18	-21.70	15.13
13623	-23.57	0.55	-4.10	-40.99	203.56	-24.51	6.92	-21.42	10.49
13624	-23.52	1.65	-4.10	-40.38	202.89	-25.38	15.97	-21.63	5.48
13625	-20.14	-1.65	-5.50	-297.30	33.69	-1550.90	-15.76	-1063.96	-81.92
13626	-20.20	-0.55	-5.50	-299.57	34.02	-1560.86	-3.10	-1073.31	-31.75
13627	-20.20	0.55	-5.50	-300.75	33.89	-1568.56	9.63	-1078.87	18.66
13628	-20.14	1.65	-5.50	-300.76	33.26	-1574.11	22.30	-1080.57	69.48
13629	-20.99	-1.65	-5.50	-387.68	112.39	-988.99	-28.17	-942.69	-62.23
13630	-21.05	-0.55	-5.50	-391.37	114.29	-994.92	-7.01	-950.21	-20.77
13631	-21.05	0.55	-5.50	-392.99	114.50	-999.69	14.27	-954.84	20.69
13632	-20.99	1.65	-5.50	-392.49	113.05	-1003.45	35.43	-956.57	62.35
13633	-21.83	-1.65	-5.50	-339.49	179.72	-574.47	-29.47	-625.67	-29.66
13634	-21.89	-0.55	-5.50	-342.99	182.32	-577.82	-7.50	-630.05	-5.98
13635	-21.89	0.55	-5.50	-344.45	182.89	-580.76	14.63	-633.06	17.63
13636	-21.83	1.65	-5.50	-343.88	181.49	-583.35	36.59	-634.76	41.19
13637	-22.67	-1.65	-5.50	-174.29	235.87	-352.61	-22.94	-319.67	-0.52
13638	-22.73	-0.55	-5.50	-176.46	238.45	-354.75	-6.03	-321.29	7.37
13639	-22.73	0.55	-5.50	-177.22	239.33	-356.98	11.08	-322.76	15.16
13640	-22.67	1.65	-5.50	-176.60	238.63	-359.32	28.02	-324.13	22.75
13641	-23.52	-1.65	-5.50	-43.15	286.89	-152.64	-19.40	-97.52	21.66
13642	-23.57	-0.55	-5.50	-44.34	289.59	-153.77	-5.97	-97.04	18.44
13643	-23.57	0.55	-5.50	-44.54	290.66	-155.39	7.62	-97.06	15.07
13644	-23.52	1.65	-5.50	-43.70	290.29	-157.47	21.15	-97.62	11.43
13645	-20.14	-1.65	-6.90	-36.32	170.75	-1468.48	-18.20	-928.41	-71.47
13646	-20.20	-0.55	-6.90	-37.99	172.83	-1477.99	-7.24	-936.59	-28.16
13647	-20.20	0.55	-6.90	-38.66	173.88	-1485.26	3.84	-941.51	15.60
13648	-20.14	1.65	-6.90	-38.23	173.90	-1490.33	14.87	-943.09	59.54
13649	-20.99	-1.65	-6.90	-133.11	219.42	-1116.05	-27.39	-866.45	-55.28
13650	-21.05	-0.55	-6.90	-135.95	222.44	-1122.80	-9.89	-873.27	-18.21
13651	-21.05	0.55	-6.90	-137.11	223.65	-1128.14	7.83	-877.58	19.15
13652	-20.99	1.65	-6.90	-136.52	223.06	-1132.10	25.42	-879.29	56.54
13653	-21.83	-1.65	-6.90	-154.81	265.01	-803.39	-30.17	-664.76	-29.99
13654	-21.89	-0.55	-6.90	-157.81	268.33	-808.06	-10.33	-669.28	-5.39
13655	-21.89	0.55	-6.90	-159.09	269.61	-812.02	9.80	-672.53	19.37
13656	-21.83	1.65	-6.90	-158.68	268.93	-815.27	29.78	-674.49	44.01
13657	-22.67	-1.65	-6.90	-101.22	306.31	-579.42	-27.53	-412.03	-3.36
13658	-22.73	-0.55	-6.90	-103.54	309.38	-582.81	-9.21	-414.11	7.61
13659	-22.73	0.55	-6.90	-104.45	310.53	-586.18	9.54	-416.10	18.78
13660	-22.67	1.65	-6.90	-104.12	310.04	-589.70	28.22	-418.21	29.80
13661	-23.52	-1.65	-6.90	-27.59	349.16	-374.69	-23.89	-150.49	21.58
13662	-23.57	-0.55	-6.90	-29.01	352.07	-377.12	-8.02	-150.17	19.65

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
13663	-23.57	0.55	-6.90	-29.32	352.95	-380.17	8.21	-150.47	17.98
13664	-23.52	1.65	-6.90	-28.54	352.23	-384.49	24.58	-151.71	16.35
13665	-20.14	-1.65	-8.30	138.93	283.84	-1401.42	-22.58	-814.02	-61.61
13666	-20.20	-0.55	-8.30	137.39	287.19	-1410.36	-11.12	-821.16	-23.97
13667	-20.20	0.55	-8.30	137.04	289.15	-1417.20	0.49	-825.48	14.09
13668	-20.14	1.65	-8.30	137.97	289.71	-1421.93	12.07	-826.88	52.33
13669	-20.99	-1.65	-8.30	42.20	312.87	-1180.11	-28.84	-774.15	-47.23
13670	-21.05	-0.55	-8.30	39.80	316.61	-1187.11	-12.50	-780.12	-14.81
13671	-21.05	0.55	-8.30	38.97	318.54	-1192.65	4.08	-783.94	17.89
13672	-20.99	1.65	-8.30	39.81	318.64	-1196.68	20.54	-785.51	50.63
13673	-21.83	-1.65	-8.30	-17.73	340.37	-963.26	-31.39	-633.57	-26.47
13674	-21.89	-0.55	-8.30	-20.35	344.08	-968.70	-12.46	-637.70	-3.59
13675	-21.89	0.55	-8.30	-21.43	345.77	-973.25	6.87	-640.74	19.49
13676	-21.83	1.65	-8.30	-21.05	345.62	-976.77	26.11	-642.64	42.43
13677	-22.67	-1.65	-8.30	-28.87	366.51	-787.79	-30.06	-427.40	-3.08
13678	-22.73	-0.55	-8.30	-31.07	369.79	-792.15	-11.23	-429.34	8.22
13679	-22.73	0.55	-8.30	-31.91	370.94	-796.29	8.28	-431.33	19.93
13680	-22.67	1.65	-8.30	-31.97	370.41	-800.41	28.08	-433.90	31.71
13681	-23.52	-1.65	-8.30	-11.76	392.72	-644.98	-26.68	-168.00	21.41
13682	-23.57	-0.55	-8.30	-13.26	395.82	-648.63	-9.40	-167.60	19.89
13683	-23.57	0.55	-8.30	-13.54	396.52	-652.61	8.39	-167.78	18.89
13684	-23.52	1.65	-8.30	-13.07	394.83	-659.24	26.93	-169.85	19.28
13685	19.03	2.50	-2.70	-887.58	-231.31	-1187.03	54.03	744.29	16.09
13686	18.94	3.10	-2.70	-898.38	-239.20	-1202.32	-3.87	735.57	-47.46
13687	17.80	2.50	-2.70	-699.79	-208.16	-1169.48	19.44	521.14	-9.65
13688	17.72	3.10	-2.70	-708.61	-211.58	-1176.79	4.94	514.26	-29.72
13689	16.57	2.50	-2.70	-570.26	-174.32	-1085.03	7.04	388.88	-6.39
13690	16.50	3.10	-2.70	-576.54	-177.40	-1086.20	12.28	387.32	0.51
13691	15.34	2.50	-2.70	-483.08	-167.73	-1002.62	7.32	286.18	3.80
13692	15.28	3.10	-2.70	-486.18	-172.57	-1003.55	12.87	288.35	12.21
13693	14.12	2.50	-2.70	-429.19	-162.70	-916.06	4.92	209.73	9.39
13694	14.05	3.10	-2.70	-431.04	-167.72	-918.99	7.64	212.73	18.58
13695	12.89	2.50	-2.70	-389.48	-151.84	-836.37	1.09	161.65	14.52
13696	12.83	3.10	-2.70	-391.13	-156.15	-841.10	1.78	164.63	25.42
13697	11.66	2.50	-2.70	-349.89	-136.26	-775.84	-1.56	135.44	20.16
13698	11.61	3.10	-2.70	-351.52	-139.92	-781.88	-1.70	138.23	33.29
13699	10.43	2.50	-2.70	-304.77	-118.93	-740.49	-2.30	121.44	25.74
13700	10.39	3.10	-2.70	-306.25	-122.37	-747.36	-2.58	124.02	41.04
13701	9.21	2.50	-2.70	-254.08	-102.13	-730.48	-1.59	111.25	30.58
13702	9.17	3.10	-2.70	-255.36	-105.73	-737.86	-1.71	113.55	47.77
13703	7.98	2.50	-2.70	-200.29	-87.11	-742.71	-0.07	99.04	34.44
13704	7.94	3.10	-2.70	-201.47	-91.06	-750.34	0.05	100.96	53.21
13705	6.75	2.50	-2.70	-146.52	-74.42	-772.69	1.80	81.25	37.36
13706	6.72	3.10	-2.70	-147.76	-78.75	-780.35	2.23	82.76	57.47
13707	5.52	2.50	-2.70	-95.76	-64.22	-815.67	3.82	56.05	39.57
13708	5.50	3.10	-2.70	-97.19	-68.90	-823.19	4.62	57.16	60.78
13709	4.30	2.50	-2.70	-50.51	-56.50	-867.16	5.94	22.74	41.28
13710	4.28	3.10	-2.70	-52.26	-61.48	-874.44	7.19	23.50	63.40
13711	3.07	2.50	-2.70	-12.84	-51.22	-923.18	8.21	-18.56	42.67
13712	3.06	3.10	-2.70	-14.95	-56.43	-930.16	10.00	-18.07	65.54
13713	1.84	2.50	-2.70	15.61	-48.32	-980.37	10.68	-67.20	43.88
13714	1.83	3.10	-2.70	13.13	-53.72	-987.04	13.10	-66.90	67.32
13715	0.61	2.50	-2.70	33.57	-47.80	-1036.04	13.41	-122.12	44.98
13716	0.61	3.10	-2.70	30.75	-53.34	-1042.44	16.54	-121.89	68.81
13717	19.03	2.50	-4.10	-264.94	-32.88	-1012.90	34.44	558.23	12.21
13718	18.94	3.10	-4.10	-267.62	-33.60	-1013.20	27.83	555.77	-4.51
13719	17.80	2.50	-4.10	-216.26	-74.98	-1031.17	21.53	401.50	-5.73
13720	17.72	3.10	-4.10	-219.91	-77.59	-1034.00	15.84	399.48	-13.13
13721	16.57	2.50	-4.10	-173.91	-92.17	-969.51	7.78	301.58	-6.91
13722	16.50	3.10	-4.10	-178.63	-95.75	-971.66	6.14	300.72	-5.15
13723	15.34	2.50	-4.10	-133.60	-99.99	-899.05	0.30	229.33	-1.50
13724	15.28	3.10	-4.10	-138.13	-103.93	-901.05	0.30	230.30	4.71
13725	14.12	2.50	-4.10	-102.41	-102.15	-831.69	-4.11	170.53	4.00
13726	14.05	3.10	-4.10	-106.35	-106.05	-834.74	-4.94	172.54	12.10
13727	12.89	2.50	-4.10	-78.35	-97.96	-770.74	-7.48	125.93	8.74
13728	12.83	3.10	-4.10	-81.95	-101.48	-775.05	-9.29	128.30	18.66
13729	11.66	2.50	-4.10	-55.34	-88.71	-722.33	-9.55	95.25	13.22
13730	11.61	3.10	-4.10	-58.69	-91.89	-727.67	-11.86	97.71	25.04
13731	10.43	2.50	-4.10	-29.15	-76.55	-691.30	-10.12	74.89	17.37
13732	10.39	3.10	-4.10	-32.24	-79.62	-697.38	-12.50	77.31	30.97
13733	9.21	2.50	-4.10	1.36	-63.39	-679.31	-9.43	59.99	20.91
13734	9.17	3.10	-4.10	-1.48	-66.59	-685.88	-11.61	62.26	36.07
13735	7.98	2.50	-4.10	35.09	-50.57	-685.34	-7.89	46.16	23.71
13736	7.94	3.10	-4.10	32.44	-54.03	-692.17	-9.74	48.18	40.17
13737	6.75	2.50	-4.10	69.89	-38.88	-706.70	-5.85	30.16	25.81
13738	6.72	3.10	-4.10	67.31	-42.66	-713.60	-7.27	31.86	43.34
13739	5.52	2.50	-4.10	103.33	-28.79	-739.98	-3.51	9.91	27.33
13740	5.50	3.10	-4.10	100.70	-32.88	-746.82	-4.42	11.28	45.75
13741	4.30	2.50	-4.10	133.12	-20.54	-781.68	-0.97	-15.70	28.43
13742	4.28	3.10	-4.10	130.35	-24.90	-788.35	-1.30	-14.64	47.56
13743	3.07	2.50	-4.10	157.26	-14.26	-828.53	1.76	-47.02	29.26
13744	3.06	3.10	-4.10	154.30	-18.85	-834.97	2.07	-46.20	48.94
13745	1.84	2.50	-4.10	174.10	-10.04	-877.70	4.67	-83.82	29.92
13746	1.83	3.10	-4.10	170.93	-14.82	-883.92	5.70	-83.18	50.00
13747	0.61	2.50	-4.10	182.36	-7.95	-926.93	7.78	-125.43	30.47
13748	0.61	3.10	-4.10	179.01	-12.88	-932.97	9.59	-124.89	50.80
13749	19.03	2.50	-5.50	254.19	89.67	-848.80	12.12	515.36	7.51
13750	18.94	3.10	-5.50	249.93	84.14	-846.94	12.29	512.92	10.80
13751	17.80	2.50	-5.50	259.16	29.19	-895.10	7.86	386.48	1.61
13752	17.72	3.10	-5.50	254.31	25.37	-894.85	6.35	385.99	3.94
13753	16.57	2.50	-5.50	250.84	-8.24	-866.40	-1.06	283.93	-1.55
13754	16.50	3.10	-5.50	245.46	-11.41	-867.71	-3.74	284.23	2.57
13755	15.34	2.50	-5.50	245.60	-28.97	-811.43	-8.86	208.52	-0.53
13756	15.28	3.10	-5.50	239.95	-31.79	-813.76	-12.26	209.47	5.61
13757	14.12	2.50	-5.50	244.96	-38.08	-754.79	-14.17	150.10	2.20
13758	14.05	3.10	-5.50	239.42	-40.56	-758.09	-18.24	151.67	10.00
13759	12.89	2.50	-5.50	247.07	-38.81	-704.67	-17.45	104.24	5.20
13760	12.83	3.10	-5.50	241.83	-41.01	-708.94	-22.07	106.20	14.50
13761	11.66	2.50	-5.50	252.18	-33.58	-665.26	-19.07	69.57	8.08

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
13762	11.61	3.10	-5.50	247.28	-35.62	-670.34	-23.94	71.75	18.85
13763	10.43	2.50	-5.50	261.25	-24.53	-639.52	-19.25	44.17	10.68
13764	10.39	3.10	-5.50	256.70	-26.58	-645.21	-24.07	46.43	22.80
13765	9.21	2.50	-5.50	274.47	-13.47	-628.79	-18.30	25.16	12.83
13766	9.17	3.10	-5.50	270.27	-15.69	-634.89	-22.81	27.36	26.15
13767	7.98	2.50	-5.50	290.97	-1.74	-632.69	-16.52	9.40	14.48
13768	7.94	3.10	-5.50	287.05	-4.22	-639.02	-20.58	11.45	28.80
13769	6.75	2.50	-5.50	309.11	9.72	-649.53	-14.19	-5.82	15.64
13770	6.72	3.10	-5.50	305.38	6.94	-655.92	-17.69	-4.00	30.78
13771	5.52	2.50	-5.50	326.94	20.29	-676.88	-11.52	-22.56	16.40
13772	5.50	3.10	-5.50	323.31	17.21	-683.22	-14.38	-21.00	32.20
13773	4.30	2.50	-5.50	342.50	29.58	-712.05	-8.61	-42.16	16.87
13774	4.28	3.10	-5.50	338.90	26.22	-718.26	-10.77	-40.87	33.18
13775	3.07	2.50	-5.50	354.02	37.32	-752.46	-5.52	-65.32	17.14
13776	3.06	3.10	-5.50	350.39	33.72	-758.50	-6.94	-64.25	33.83
13777	1.84	2.50	-5.50	359.98	43.34	-795.82	-2.30	-92.20	17.30
13778	1.83	3.10	-5.50	356.32	39.55	-801.69	-2.91	-91.32	34.25
13779	0.61	2.50	-5.50	359.20	47.52	-840.29	1.05	-122.54	17.40
13780	0.61	3.10	-5.50	355.51	43.57	-846.04	1.27	-121.78	34.49
13781	19.03	2.50	-6.90	685.33	151.85	-710.80	-8.74	504.35	4.44
13782	18.94	3.10	-6.90	679.87	145.13	-709.92	-14.02	501.50	8.55
13783	17.80	2.50	-6.90	669.21	97.15	-758.52	-12.51	399.12	4.86
13784	17.72	3.10	-6.90	662.25	92.69	-757.91	-18.43	397.98	10.25
13785	16.57	2.50	-6.90	642.28	59.14	-751.28	-18.09	298.92	3.65
13786	16.50	3.10	-6.90	634.83	56.44	-752.00	-24.82	298.97	9.76
13787	15.34	2.50	-6.90	615.16	36.20	-715.99	-23.54	215.16	3.04
13788	15.28	3.10	-6.90	607.69	34.57	-718.13	-30.95	215.94	10.04
13789	14.12	2.50	-6.90	593.49	25.19	-673.35	-27.54	148.37	3.40
13790	14.05	3.10	-6.90	586.24	24.18	-676.67	-35.39	149.69	11.39
13791	12.89	2.50	-6.90	577.94	23.06	-634.44	-29.81	95.90	4.27
13792	12.83	3.10	-6.90	571.08	22.36	-638.69	-37.85	97.63	13.27
13793	11.66	2.50	-6.90	567.84	27.21	-604.34	-30.52	55.53	5.27
13794	11.61	3.10	-6.90	561.44	26.60	-609.31	-38.50	57.54	15.26
13795	10.43	2.50	-6.90	562.57	35.54	-585.48	-29.95	25.21	6.20
13796	10.39	3.10	-6.90	556.65	34.84	-590.95	-37.63	27.36	17.10
13797	9.21	2.50	-6.90	561.47	46.36	-578.76	-28.37	2.56	6.91
13798	9.17	3.10	-6.90	556.00	45.45	-584.56	-35.57	4.74	18.62
13799	7.98	2.50	-6.90	563.53	58.37	-583.92	-26.08	-14.96	7.35
13800	7.94	3.10	-6.90	558.46	57.18	-589.88	-32.65	-12.87	19.75
13801	6.75	2.50	-6.90	567.40	70.63	-599.75	-23.30	-29.75	7.54
13802	6.72	3.10	-6.90	562.67	69.13	-605.74	-29.15	-27.83	20.49
13803	5.52	2.50	-6.90	571.53	82.47	-624.46	-20.21	-43.80	7.51
13804	5.50	3.10	-6.90	567.06	80.65	-630.39	-25.27	-42.10	20.89
13805	4.30	2.50	-6.90	574.35	93.42	-656.04	-16.92	-58.60	7.34
13806	4.28	3.10	-6.90	570.07	91.32	-661.85	-21.16	-57.14	21.05
13807	3.07	2.50	-6.90	574.40	103.17	-692.48	-13.52	-75.10	7.09
13808	3.06	3.10	-6.90	570.28	100.82	-698.14	-16.89	-73.87	21.03
13809	1.84	2.50	-6.90	570.42	111.49	-732.00	-10.05	-93.80	6.82
13810	1.83	3.10	-6.90	566.42	108.93	-737.53	-12.53	-92.77	20.90
13811	0.61	2.50	-6.90	561.36	118.23	-773.17	-6.55	-114.79	6.57
13812	0.61	3.10	-6.90	557.49	115.50	-778.62	-8.13	-113.92	20.71
13813	19.03	2.50	-8.30	1059.76	189.12	-597.06	-30.54	508.90	2.93
13814	18.94	3.10	-8.30	1052.99	182.43	-596.80	-42.12	505.92	6.76
13815	17.80	2.50	-8.30	1028.80	142.49	-630.21	-35.60	413.51	6.80
13816	17.72	3.10	-8.30	1020.12	138.50	-630.12	-47.91	411.57	12.42
13817	16.57	2.50	-8.30	995.08	111.41	-629.68	-39.76	315.34	7.38
13818	16.50	3.10	-8.30	985.66	109.59	-630.57	-52.31	314.58	14.09
13819	15.34	2.50	-8.30	962.07	93.38	-609.65	-42.80	226.62	6.69
13820	15.28	3.10	-8.30	952.64	93.00	-611.80	-55.40	226.84	14.15
13821	14.12	2.50	-8.30	932.72	85.85	-582.78	-44.55	152.42	5.80
13822	14.05	3.10	-8.30	923.66	86.29	-586.09	-57.02	153.38	13.89
13823	12.89	2.50	-8.30	908.20	86.30	-557.72	-44.93	93.19	5.03
13824	12.83	3.10	-8.30	899.68	87.12	-561.93	-57.11	94.69	13.72
13825	11.66	2.50	-8.30	888.37	92.50	-539.26	-44.10	47.46	4.39
13826	11.61	3.10	-8.30	880.46	93.41	-544.11	-55.79	49.34	13.65
13827	10.43	2.50	-8.30	872.62	102.61	-529.65	-42.26	13.16	3.79
13828	10.39	3.10	-8.30	865.33	103.40	-534.92	-53.31	15.25	13.57
13829	9.21	2.50	-8.30	860.23	115.12	-529.61	-39.68	-12.04	3.18
13830	9.17	3.10	-8.30	853.55	115.68	-535.12	-49.95	-9.89	13.41
13831	7.98	2.50	-8.30	850.37	128.90	-538.91	-36.56	-30.55	2.51
13832	7.94	3.10	-8.30	844.25	129.16	-544.51	-45.98	-28.44	13.12
13833	6.75	2.50	-8.30	842.05	143.09	-556.62	-33.12	-44.63	1.79
13834	6.72	3.10	-8.30	836.43	143.02	-562.22	-41.60	-42.66	12.70
13835	5.52	2.50	-8.30	834.18	157.06	-581.45	-29.50	-56.26	1.04
13836	5.50	3.10	-8.30	828.99	156.67	-586.95	-37.01	-54.49	12.17
13837	4.30	2.50	-8.30	825.63	170.35	-611.87	-25.79	-67.02	0.29
13838	4.28	3.10	-8.30	820.81	169.66	-617.25	-32.32	-65.47	11.59
13839	3.07	2.50	-8.30	815.31	182.67	-646.42	-22.08	-78.04	-0.41
13840	3.06	3.10	-8.30	810.81	181.71	-651.65	-27.60	-76.73	10.99
13841	1.84	2.50	-8.30	802.27	193.78	-683.74	-18.40	-90.05	-1.02
13842	1.83	3.10	-8.30	798.05	192.59	-688.86	-22.92	-88.95	10.42
13843	0.61	2.50	-8.30	785.68	203.51	-722.80	-14.78	-103.42	-1.52
13844	0.61	3.10	-8.30	781.73	202.13	-727.84	-18.32	-102.52	9.92
13845	23.44	2.50	-2.70	-442.44	728.31	1438.50	64.23	1813.21	411.80
13846	23.37	3.10	-2.70	-416.33	738.77	1423.26	-132.36	1816.63	-466.11
13847	22.60	2.50	-2.70	-607.27	527.84	644.57	178.82	1077.44	60.18
13848	22.52	3.10	-2.70	-591.77	515.13	631.39	-162.99	1062.47	-135.94
13849	21.75	2.50	-2.70	-802.12	293.63	85.60	202.20	941.17	4.86
13850	21.68	3.10	-2.70	-794.34	272.59	55.33	-163.23	932.39	-32.46
13851	20.91	2.50	-2.70	-1011.48	135.23	-335.15	188.31	932.06	-43.32
13852	20.83	3.10	-2.70	-1004.32	124.72	-371.61	-159.66	913.28	45.31
13853	20.06	2.50	-2.70	-1123.46	-102.31	-854.36	124.62	1009.18	1.63
13854	19.98	3.10	-2.70	-1126.67	-106.86	-881.30	-78.02	987.66	34.23
13855	23.44	2.50	-4.10	-128.99	398.35	1064.32	-28.41	1670.54	413.53
13856	23.37	3.10	-4.10	-91.78	401.61	1066.77	-25.67	1670.63	-527.43
13857	22.60	2.50	-4.10	-182.74	439.59	529.39	4.38	915.80	-30.68
13858	22.52	3.10	-4.10	-175.45	427.98	516.64	-37.16	895.38	-113.80
13859	21.75	2.50	-4.10	-316.00	360.27	82.38	16.87	767.68	-17.39
13860	21.68	3.10	-4.10	-310.66	353.58	70.26	-33.46	759.74	-32.74

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
13861	20.91	2.50	-4.10	-413.12	250.75	-323.75	8.56	761.11	-0.44
13862	20.83	3.10	-4.10	-409.73	248.87	-328.53	-10.12	750.09	16.38
13863	20.06	2.50	-4.10	-361.22	88.76	-753.99	16.64	734.74	25.22
13864	19.98	3.10	-4.10	-362.15	91.68	-752.13	24.45	726.69	23.28
13865	23.44	2.50	-5.50	208.59	438.76	935.24	24.46	1592.40	334.89
13866	23.37	3.10	-5.50	258.13	441.85	934.96	-83.54	1586.12	-500.15
13867	22.60	2.50	-5.50	151.99	444.56	508.19	-9.83	874.31	-73.59
13868	22.52	3.10	-5.50	159.16	431.87	497.66	-61.25	851.43	-115.60
13869	21.75	2.50	-5.50	129.47	384.76	97.36	-13.77	753.31	-29.36
13870	21.68	3.10	-5.50	131.77	379.13	90.60	-40.78	744.92	-49.73
13871	20.91	2.50	-5.50	151.38	293.23	-302.08	-5.80	710.63	-6.69
13872	20.83	3.10	-5.50	151.29	285.86	-303.87	-15.09	702.63	-8.02
13873	20.06	2.50	-5.50	208.96	181.47	-648.81	7.27	643.97	9.47
13874	19.98	3.10	-5.50	206.26	173.44	-647.31	3.63	638.31	13.00
13875	23.44	2.50	-6.90	592.99	459.41	967.02	73.05	1441.31	274.45
13876	23.37	3.10	-6.90	662.22	474.33	962.48	-137.66	1432.15	-458.35
13877	22.60	2.50	-6.90	534.63	454.94	535.88	-8.34	745.45	-100.91
13878	22.52	3.10	-6.90	540.59	437.47	522.07	-87.94	725.40	-121.48
13879	21.75	2.50	-6.90	596.36	423.99	101.91	-24.01	655.19	-51.42
13880	21.68	3.10	-6.90	596.39	420.63	96.59	-48.49	649.85	-71.76
13881	20.91	2.50	-6.90	651.71	337.34	-284.90	-14.88	644.57	-24.46
13882	20.83	3.10	-6.90	651.53	329.94	-287.17	-21.75	639.49	-28.55
13883	20.06	2.50	-6.90	679.84	233.29	-561.17	-9.09	597.86	-2.57
13884	19.98	3.10	-6.90	677.22	225.03	-561.37	-13.91	593.66	-1.18
13885	23.44	2.50	-8.30	1064.16	468.71	1156.97	125.49	1081.48	186.52
13886	23.37	3.10	-8.30	1126.74	475.31	1144.37	-250.72	1086.53	-377.43
13887	22.60	2.50	-8.30	1119.99	498.48	537.92	-2.35	483.07	-118.73
13888	22.52	3.10	-8.30	1122.88	483.33	519.57	-100.38	470.54	-151.17
13889	21.75	2.50	-8.30	1134.65	471.40	20.06	-21.64	547.98	-69.85
13890	21.68	3.10	-8.30	1133.49	470.42	15.39	-44.79	544.50	-96.66
13891	20.91	2.50	-8.30	1115.00	367.65	-305.65	-20.46	612.42	-34.66
13892	20.83	3.10	-8.30	1114.69	359.67	-307.91	-29.45	609.27	-40.91
13893	20.06	2.50	-8.30	1087.86	263.35	-498.95	-24.93	588.08	-8.16
13894	19.98	3.10	-8.30	1084.39	254.56	-499.43	-34.95	584.82	-8.13
13895	-0.61	2.50	-2.70	40.09	-49.66	-1088.24	16.43	-181.90	45.99
13896	-0.61	3.10	-2.70	36.99	-55.33	-1094.45	20.36	-181.66	70.04
13897	-1.84	2.50	-2.70	34.54	-53.98	-1135.79	19.76	-244.88	46.90
13898	-1.83	3.10	-2.70	31.25	-59.75	-1141.93	24.55	-244.55	70.98
13899	-3.07	2.50	-2.70	16.61	-60.83	-1178.35	23.38	-309.22	47.66
13900	-3.06	3.10	-2.70	13.23	-66.68	-1184.56	29.07	-308.73	71.58
13901	-4.30	2.50	-2.70	-13.67	-70.34	-1216.51	27.25	-372.98	48.20
13902	-4.28	3.10	-2.70	-17.03	-76.25	-1222.95	33.86	-372.30	71.77
13903	-5.52	2.50	-2.70	-55.96	-82.65	-1251.77	31.31	-434.28	48.47
13904	-5.50	3.10	-2.70	-59.21	-88.60	-1258.59	38.83	-433.41	71.50
13905	-6.75	2.50	-2.70	-109.68	-97.96	-1286.59	35.47	-491.42	48.41
13906	-6.72	3.10	-2.70	-112.71	-103.91	-1293.92	43.88	-490.41	70.74
13907	-7.98	2.50	-2.70	-174.07	-116.49	-1324.30	39.66	-543.07	48.03
13908	-7.94	3.10	-2.70	-176.82	-122.42	-1332.24	48.91	-541.98	69.52
13909	-9.21	2.50	-2.70	-248.43	-138.55	-1369.07	43.82	-588.39	47.38
13910	-9.17	3.10	-2.70	-250.88	-144.45	-1377.65	53.84	-587.33	67.90
13911	-10.43	2.50	-2.70	-332.43	-164.61	-1425.81	47.92	-627.21	46.56
13912	-10.39	3.10	-2.70	-334.58	-170.46	-1434.99	58.68	-626.29	66.05
13913	-11.66	2.50	-2.70	-426.51	-195.37	-1500.19	52.02	-660.14	45.75
13914	-11.61	3.10	-2.70	-428.40	-201.17	-1509.87	63.48	-659.46	64.19
13915	-12.89	2.50	-2.70	-532.57	-231.97	-1598.91	56.28	-688.70	45.20
13916	-12.83	3.10	-2.70	-534.25	-237.73	-1608.93	68.47	-688.37	62.65
13917	-14.12	2.50	-2.70	-655.02	-276.30	-1730.47	61.03	-715.52	45.27
13918	-14.05	3.10	-2.70	-656.57	-282.06	-1740.64	74.04	-715.60	61.84
13919	-15.34	2.50	-2.70	-802.78	-331.89	-1908.45	66.86	-744.58	46.43
13920	-15.28	3.10	-2.70	-804.25	-337.69	-1918.55	80.91	-745.06	62.33
13921	-16.57	2.50	-2.70	-993.13	-404.60	-2152.11	74.77	-781.98	49.39
13922	-16.50	3.10	-2.70	-994.45	-410.51	-2162.09	90.30	-782.74	64.93
13923	-17.80	2.50	-2.70	-1258.82	-514.90	-2566.14	85.21	-830.25	55.18
13924	-17.72	3.10	-2.70	-1259.75	-520.74	-2575.09	102.65	-831.68	70.87
13925	-19.03	2.50	-2.70	-1713.89	-643.97	-2895.11	110.54	-1130.87	98.02
13926	-18.94	3.10	-2.70	-1712.45	-649.53	-2899.87	132.74	-1132.11	122.25
13927	-0.61	2.50	-4.10	181.08	-8.05	-974.61	11.08	-170.86	30.94
13928	-0.61	3.10	-4.10	177.61	-13.09	-980.54	13.73	-170.34	51.36
13929	-1.84	2.50	-4.10	169.66	-10.43	-1019.81	14.58	-218.85	31.32
13930	-1.83	3.10	-4.10	166.13	-15.55	-1025.74	18.09	-218.29	51.70
13931	-3.07	2.50	-4.10	147.82	-15.15	-1062.35	18.23	-267.97	31.59
13932	-3.06	3.10	-4.10	144.32	-20.33	-1068.42	22.62	-267.31	51.76
13933	-4.30	2.50	-4.10	115.59	-22.33	-1102.86	21.97	-316.70	31.72
13934	-4.28	3.10	-4.10	112.22	-27.52	-1109.20	27.24	-315.94	51.53
13935	-5.52	2.50	-4.10	73.35	-32.04	-1142.72	25.74	-363.57	31.65
13936	-5.50	3.10	-4.10	70.19	-37.22	-1149.45	31.85	-362.69	50.96
13937	-6.75	2.50	-4.10	21.74	-44.38	-1184.12	29.45	-407.19	31.37
13938	-6.72	3.10	-4.10	18.88	-49.51	-1191.33	36.36	-406.21	50.03
13939	-7.98	2.50	-4.10	-38.38	-59.48	-1229.96	33.01	-446.38	30.86
13940	-7.94	3.10	-4.10	-40.89	-64.51	-1237.72	40.64	-445.34	48.75
13941	-9.21	2.50	-4.10	-106.03	-77.45	-1283.82	36.32	-480.27	30.13
13942	-9.17	3.10	-4.10	-108.15	-82.35	-1292.14	44.58	-479.23	47.15
13943	-10.43	2.50	-4.10	-180.20	-98.46	-1349.91	39.30	-508.32	29.22
13944	-10.39	3.10	-4.10	-181.90	-103.17	-1358.73	48.08	-507.36	45.29
13945	-11.66	2.50	-4.10	-259.94	-122.71	-1433.07	41.86	-530.41	28.23
13946	-11.61	3.10	-4.10	-261.23	-127.19	-1442.27	51.04	-529.60	43.30
13947	-12.89	2.50	-4.10	-344.32	-150.44	-1538.95	43.87	-546.93	27.32
13948	-12.83	3.10	-4.10	-345.19	-154.64	-1548.36	53.32	-546.35	41.39
13949	-14.12	2.50	-4.10	-431.97	-181.90	-1674.64	45.12	-559.10	26.78
13950	-14.05	3.10	-4.10	-432.40	-185.72	-1684.04	54.63	-558.82	39.92
13951	-15.34	2.50	-4.10	-519.22	-216.92	-1849.07	45.06	-570.43	27.28
13952	-15.28	3.10	-4.10	-519.16	-220.18	-1858.15	54.30	-570.60	39.74
13953	-16.57	2.50	-4.10	-595.03	-254.41	-2078.22	42.26	-592.24	30.84
13954	-16.50	3.10	-4.10	-594.38	-256.75	-2086.32	50.54	-593.20	43.36
13955	-17.80	2.50	-4.10	-622.26	-280.74	-2332.61	33.84	-691.65	46.84
13956	-17.72	3.10	-4.10	-621.40	-281.55	-2337.72	39.82	-693.56	62.43
13957	-19.03	2.50	-4.10	-598.78	-256.09	-2352.12	27.05	-985.49	89.57
13958	-18.94	3.10	-4.10	-598.49	-255.82	-2353.97	31.02	-985.50	114.56
13959	-0.61	2.50	-5.50	350.78	49.74	-884.58	4.50	-155.75	17.48

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
13960	-0.61	3.10	-5.50	347.12	45.69	-890.29	5.58	-155.06	34.58
13961	-1.84	2.50	-5.50	334.18	49.94	-928.02	8.02	-190.97	17.53
13962	-1.83	3.10	-5.50	330.59	45.81	-933.78	9.97	-190.31	34.55
13963	-3.07	2.50	-5.50	309.17	48.03	-970.56	11.55	-227.22	17.57
13964	-3.06	3.10	-5.50	305.73	43.86	-976.50	14.37	-226.55	34.38
13965	-4.30	2.50	-5.50	275.86	43.97	-1012.85	15.04	-263.42	17.57
13966	-4.28	3.10	-5.50	272.64	39.81	-1019.07	18.69	-262.72	34.06
13967	-5.52	2.50	-5.50	234.69	37.73	-1056.21	18.40	-298.49	17.52
13968	-5.50	3.10	-5.50	231.78	33.63	-1062.81	22.81	-297.76	33.59
13969	-6.75	2.50	-5.50	186.45	29.30	-1102.62	21.51	-331.47	17.42
13970	-6.72	3.10	-5.50	183.93	25.31	-1109.69	26.61	-330.71	32.98
13971	-7.98	2.50	-5.50	132.29	18.72	-1154.71	24.27	-361.53	17.28
13972	-7.94	3.10	-5.50	130.21	14.91	-1162.28	29.94	-360.78	32.25
13973	-9.21	2.50	-5.50	73.70	6.09	-1215.63	26.51	-388.15	17.13
13974	-9.17	3.10	-5.50	72.12	2.52	-1223.69	32.63	-387.45	31.46
13975	-10.43	2.50	-5.50	12.62	-8.41	-1289.04	28.07	-411.14	17.07
13976	-10.39	3.10	-5.50	11.58	-11.66	-1297.51	34.45	-410.56	30.73
13977	-11.66	2.50	-5.50	-48.41	-24.44	-1378.95	28.73	-430.97	17.26
13978	-11.61	3.10	-5.50	-48.89	-27.28	-1387.68	35.15	-430.58	30.29
13979	-12.89	2.50	-5.50	-105.82	-41.36	-1489.56	28.18	-449.19	18.07
13980	-12.83	3.10	-5.50	-105.74	-43.68	-1498.31	34.36	-449.10	30.59
13981	-14.12	2.50	-5.50	-154.19	-57.96	-1624.54	25.98	-469.87	20.20
13982	-14.05	3.10	-5.50	-153.59	-59.60	-1632.94	31.53	-470.24	32.51
13983	-15.34	2.50	-5.50	-185.06	-71.84	-1784.99	21.53	-502.95	25.20
13984	-15.28	3.10	-5.50	-184.06	-72.62	-1792.42	25.95	-503.98	37.97
13985	-16.57	2.50	-5.50	-186.52	-77.39	-1955.38	14.49	-574.08	36.50
13986	-16.50	3.10	-5.50	-185.55	-77.15	-1960.75	17.24	-575.78	51.20
13987	-17.80	2.50	-5.50	-164.95	-64.70	-2063.51	7.96	-723.57	58.82
13988	-17.72	3.10	-5.50	-164.76	-63.71	-2065.86	9.25	-724.91	77.87
13989	-19.03	2.50	-5.50	-182.08	-28.59	-1979.01	11.50	-937.16	88.89
13990	-18.94	3.10	-5.50	-182.27	-28.07	-1979.78	13.69	-936.18	113.68
13991	-0.61	2.50	-6.90	546.48	123.27	-815.01	-3.04	-137.85	6.39
13992	-0.61	3.10	-6.90	542.75	120.42	-820.44	-3.72	-137.11	20.50
13993	-1.84	2.50	-6.90	525.29	126.53	-857.04	0.43	-162.53	6.29
13994	-1.83	3.10	-6.90	521.75	123.59	-862.55	0.64	-161.88	20.30
13995	-3.07	2.50	-6.90	497.62	127.94	-899.35	3.80	-188.24	6.29
13996	-3.06	3.10	-6.90	494.33	124.97	-905.04	4.88	-187.67	20.13
13997	-4.30	2.50	-6.90	463.62	127.50	-942.58	7.02	-214.35	6.41
13998	-4.28	3.10	-6.90	460.64	124.54	-948.54	8.89	-213.84	20.01
13999	-5.52	2.50	-6.90	423.78	125.21	-987.96	9.97	-240.26	6.66
14000	-5.50	3.10	-6.90	421.18	122.33	-994.28	12.57	-239.82	19.99
14001	-6.75	2.50	-6.90	378.97	121.14	-1037.26	12.56	-265.48	7.09
14002	-6.72	3.10	-6.90	376.82	118.40	-1044.00	15.78	-265.13	20.11
14003	-7.98	2.50	-6.90	330.49	115.44	-1092.79	14.64	-289.77	7.75
14004	-7.94	3.10	-6.90	328.85	112.90	-1099.97	18.35	-289.52	20.45
14005	-9.21	2.50	-6.90	280.11	108.36	-1157.21	16.06	-313.19	8.75
14006	-9.17	3.10	-6.90	279.03	106.10	-1164.78	20.08	-313.10	21.14
14007	-10.43	2.50	-6.90	230.19	100.28	-1233.41	16.63	-336.40	10.24
14008	-10.39	3.10	-6.90	229.69	98.40	-1241.25	20.76	-336.50	22.41
14009	-11.66	2.50	-6.90	183.77	91.87	-1324.07	16.13	-360.90	12.53
14010	-11.61	3.10	-6.90	183.84	90.45	-1331.97	20.12	-361.28	24.62
14011	-12.89	2.50	-6.90	144.71	84.13	-1430.88	14.35	-389.84	16.12
14012	-12.83	3.10	-6.90	145.28	83.27	-1438.50	17.93	-390.58	28.40
14013	-14.12	2.50	-6.90	117.47	78.68	-1552.68	11.18	-429.18	21.87
14014	-14.05	3.10	-6.90	118.39	78.46	-1559.51	14.05	-430.34	34.81
14015	-15.34	2.50	-6.90	105.69	78.03	-1680.52	6.84	-489.68	31.14
14016	-15.28	3.10	-6.90	106.63	78.48	-1685.85	8.78	-491.21	45.51
14017	-16.57	2.50	-6.90	105.83	85.60	-1787.63	2.79	-585.45	45.45
14018	-16.50	3.10	-6.90	106.36	86.54	-1790.79	3.92	-586.87	62.28
14019	-17.80	2.50	-6.90	97.97	103.87	-1824.98	2.40	-718.71	64.34
14020	-17.72	3.10	-6.90	98.01	104.79	-1826.06	3.58	-719.03	84.48
14021	-19.03	2.50	-6.90	55.62	132.43	-1743.30	8.92	-857.55	82.85
14022	-18.94	3.10	-6.90	55.94	132.63	-1743.82	11.62	-856.12	105.99
14023	-0.61	2.50	-8.30	764.92	211.77	-762.88	-11.26	-118.24	-1.85
14024	-0.61	3.10	-8.30	761.24	210.24	-767.91	-13.83	-117.52	9.53
14025	-1.84	2.50	-8.30	739.61	218.45	-803.68	-7.87	-134.39	-2.00
14026	-1.83	3.10	-8.30	736.21	216.82	-808.77	-9.51	-133.83	9.30
14027	-3.07	2.50	-8.30	709.57	223.52	-845.34	-4.65	-151.66	-1.92
14028	-3.06	3.10	-8.30	706.50	221.83	-850.59	-5.40	-151.26	9.27
14029	-4.30	2.50	-8.30	674.94	226.97	-888.48	-1.66	-169.82	-1.56
14030	-4.28	3.10	-8.30	672.23	225.26	-893.96	-1.59	-169.58	9.50
14031	-5.52	2.50	-8.30	636.12	228.82	-934.17	1.02	-188.72	-0.87
14032	-5.50	3.10	-8.30	633.82	227.15	-939.95	1.82	-188.65	10.07
14033	-6.75	2.50	-8.30	593.89	229.16	-983.90	3.30	-208.40	0.23
14034	-6.72	3.10	-8.30	592.05	227.59	-990.02	4.72	-208.52	11.09
14035	-7.98	2.50	-8.30	549.40	228.15	-1039.55	5.05	-229.17	1.85
14036	-7.94	3.10	-8.30	548.07	226.74	-1046.00	6.97	-229.50	12.68
14037	-9.21	2.50	-8.30	504.24	226.06	-1103.16	6.16	-251.77	4.13
14038	-9.17	3.10	-8.30	503.45	224.89	-1109.88	8.41	-252.34	15.03
14039	-10.43	2.50	-8.30	460.43	223.32	-1176.67	6.49	-277.55	7.30
14040	-10.39	3.10	-8.30	460.17	222.45	-1183.49	8.89	-278.38	18.43
14041	-11.66	2.50	-8.30	420.37	220.56	-1261.26	5.95	-308.72	11.67
14042	-11.61	3.10	-8.30	420.60	220.07	-1267.94	8.31	-309.84	23.24
14043	-12.89	2.50	-8.30	386.49	218.70	-1356.31	4.55	-348.75	17.67
14044	-12.83	3.10	-8.30	387.09	218.62	-1362.46	6.68	-350.14	30.00
14045	-14.12	2.50	-8.30	360.38	218.99	-1457.26	2.52	-402.57	25.85
14046	-14.05	3.10	-8.30	361.15	219.33	-1462.39	4.30	-404.12	39.38
14047	-15.34	2.50	-8.30	340.58	222.93	-1552.45	0.58	-475.70	36.71
14048	-15.28	3.10	-8.30	341.28	223.59	-1556.08	2.06	-477.14	51.96
14049	-16.57	2.50	-8.30	319.90	231.80	-1620.99	0.14	-570.08	50.08
14050	-16.50	3.10	-8.30	320.37	232.54	-1622.90	1.66	-570.90	67.47
14051	-17.80	2.50	-8.30	286.16	246.02	-1636.46	2.91	-676.93	64.33
14052	-17.72	3.10	-8.30	286.59	246.48	-1637.08	5.14	-676.59	83.89
14053	-19.03	2.50	-8.30	229.44	264.81	-1578.83	9.71	-772.93	76.16
14054	-18.94	3.10	-8.30	230.40	264.64	-1579.27	13.45	-771.40	97.21
14055	-20.06	2.50	-2.70	-2126.22	-542.70	-1603.17	164.29	-1511.53	166.16
14056	-19.98	3.10	-2.70	-2119.95	-550.14	-1604.24	196.55	-1507.42	205.14
14057	-20.91	2.50	-2.70	-762.43	-109.99	-82.65	64.71	-348.39	34.78
14058	-20.83	3.10	-2.70	-761.66	-112.59	-83.09	73.84	-348.28	42.21

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
14059	-21.75	2.50	-2.70	-228.81	-0.32	-69.38	21.87	-120.80	10.59
14060	-21.68	3.10	-2.70	-229.33	-0.92	-69.45	21.97	-120.90	12.04
14061	-22.60	2.50	-2.70	-33.45	65.97	-28.50	10.52	-18.21	0.85
14062	-22.52	3.10	-2.70	-33.71	65.54	-28.56	9.48	-18.46	-0.18
14063	-23.44	2.50	-2.70	4.30	98.39	3.96	9.64	21.20	-1.80
14064	-23.37	3.10	-2.70	4.63	97.47	3.90	10.50	21.08	-3.98
14065	-20.06	2.50	-4.10	-715.36	-153.33	-1666.32	52.08	-1288.28	134.18
14066	-19.98	3.10	-4.10	-714.00	-154.99	-1667.47	61.77	-1285.04	168.67
14067	-20.91	2.50	-4.10	-812.40	-28.29	-719.35	80.39	-951.36	96.27
14068	-20.83	3.10	-4.10	-809.32	-32.22	-720.35	96.69	-949.79	120.27
14069	-21.75	2.50	-4.10	-445.96	92.46	-262.48	53.91	-431.71	39.32
14070	-21.68	3.10	-4.10	-444.32	89.85	-262.94	64.18	-431.69	48.20
14071	-22.60	2.50	-4.10	-184.22	153.28	-157.52	32.95	-165.01	13.25
14072	-22.52	3.10	-4.10	-183.24	151.58	-157.88	39.01	-165.42	14.71
14073	-23.44	2.50	-4.10	-39.38	202.30	-26.11	22.76	-22.03	1.35
14074	-23.37	3.10	-4.10	-38.35	200.93	-26.42	27.48	-22.40	-1.33
14075	-20.06	2.50	-5.50	-299.91	32.61	-1576.86	32.14	-1079.47	108.99
14076	-19.98	3.10	-5.50	-298.74	31.40	-1577.86	39.02	-1076.90	136.79
14077	-20.91	2.50	-5.50	-390.68	111.06	-1005.55	51.61	-956.11	94.50
14078	-20.83	3.10	-5.50	-388.40	108.48	-1006.64	62.85	-954.50	117.16
14079	-21.75	2.50	-5.50	-342.14	179.38	-584.96	53.26	-635.26	59.18
14080	-21.68	3.10	-5.50	-340.03	176.68	-585.85	64.84	-635.00	71.83
14081	-22.60	2.50	-5.50	-175.22	237.23	-360.96	40.79	-325.07	28.24
14082	-22.52	3.10	-5.50	-173.70	235.24	-361.88	49.64	-325.60	31.95
14083	-23.44	2.50	-5.50	-42.33	289.31	-159.04	31.30	-98.32	8.05
14084	-23.37	3.10	-5.50	-40.81	287.75	-159.95	38.39	-98.91	5.48
14085	-20.06	2.50	-6.90	-37.11	173.59	-1492.90	23.38	-942.21	93.57
14086	-19.98	3.10	-6.90	-35.77	172.63	-1493.80	29.28	-940.06	117.68
14087	-20.91	2.50	-6.90	-134.84	221.83	-1134.32	38.82	-878.98	85.31
14088	-20.83	3.10	-6.90	-132.79	219.91	-1135.34	48.08	-877.57	105.71
14089	-21.75	2.50	-6.90	-157.21	267.48	-817.25	44.86	-675.14	62.73
14090	-21.68	3.10	-6.90	-155.28	265.38	-818.24	55.23	-674.87	75.92
14091	-22.60	2.50	-6.90	-103.04	308.95	-592.38	42.20	-419.88	37.77
14092	-22.52	3.10	-6.90	-101.66	307.21	-593.97	51.67	-420.85	43.06
14093	-23.44	2.50	-6.90	-27.11	351.39	-388.37	36.81	-153.18	14.17
14094	-23.37	3.10	-6.90	-25.40	350.27	-390.82	45.10	-154.35	12.00
14095	-20.06	2.50	-8.30	139.56	289.40	-1424.29	20.94	-826.14	81.94
14096	-19.98	3.10	-8.30	141.32	288.43	-1425.09	27.09	-824.29	102.88
14097	-20.91	2.50	-8.30	41.59	317.72	-1198.87	33.04	-785.30	75.84
14098	-20.83	3.10	-8.30	43.70	316.09	-1199.82	41.65	-784.10	93.67
14099	-21.75	2.50	-8.30	-19.71	344.53	-978.80	40.54	-643.29	59.88
14100	-21.68	3.10	-8.30	-17.82	342.77	-979.80	50.37	-643.04	72.14
14101	-22.60	2.50	-8.30	-31.74	369.37	-803.27	42.95	-436.24	40.06
14102	-22.52	3.10	-8.30	-31.10	367.85	-804.60	52.66	-437.62	45.44
14103	-23.44	2.50	-8.30	-12.57	392.77	-668.04	41.12	-173.85	19.89
14104	-23.37	3.10	-8.30	-11.88	391.29	-676.03	50.03	-178.16	17.85
14105	0.61	3.95	-2.70	25.39	-63.35	-1050.60	21.05	-121.57	102.51
14106	1.82	3.95	-2.70	8.42	-63.48	-995.73	16.61	-66.62	100.51
14107	3.03	3.95	-2.70	-18.92	-65.88	-939.49	12.65	-17.64	97.99
14108	4.24	3.95	-2.70	-55.46	-70.52	-884.41	9.13	24.29	94.88
14109	5.45	3.95	-2.70	-99.71	-77.42	-833.71	5.99	58.50	91.06
14110	6.67	3.95	-2.70	-149.76	-86.63	-791.20	3.17	84.79	86.31
14111	7.88	3.96	-2.70	-203.25	-98.21	-761.21	0.66	103.74	80.37
14112	9.09	3.96	-2.70	-257.28	-112.16	-748.34	-1.41	117.01	72.91
14113	10.30	3.96	-2.70	-308.59	-128.33	-756.93	-2.57	127.99	63.72
14114	11.51	3.96	-2.70	-354.30	-146.08	-789.98	-1.88	142.48	52.97
14115	12.73	3.96	-2.70	-393.85	-163.68	-847.03	1.99	169.08	41.64
14116	13.94	3.96	-2.70	-432.80	-177.75	-921.65	9.87	217.71	31.62
14117	15.15	3.96	-2.70	-487.29	-184.34	-1001.88	19.36	294.01	23.76
14118	16.36	3.96	-2.70	-582.30	-185.19	-1078.82	21.37	391.58	11.64
14119	17.57	3.96	-2.70	-741.14	-198.05	-1190.27	1.99	494.90	-35.13
14120	18.78	3.96	-2.70	-1011.12	-210.08	-1282.74	-27.39	673.86	-83.04
14121	0.60	5.05	-2.70	16.51	-79.76	-1060.30	27.02	-121.24	145.77
14122	1.79	5.05	-2.70	0.61	-79.53	-1006.29	21.35	-66.56	143.17
14123	2.99	5.06	-2.70	-25.48	-81.45	-951.10	16.34	-17.52	139.74
14124	4.18	5.06	-2.70	-60.68	-85.48	-897.10	11.97	24.84	135.46
14125	5.38	5.06	-2.70	-103.65	-91.62	-847.34	8.21	59.82	130.22
14126	6.58	5.06	-2.70	-152.67	-99.87	-805.44	4.99	87.19	123.84
14127	7.77	5.06	-2.70	-205.58	-110.30	-775.51	2.22	107.37	116.01
14128	8.97	5.07	-2.70	-259.70	-123.03	-761.99	-0.08	121.83	106.36
14129	10.16	5.07	-2.70	-311.84	-138.19	-769.12	-1.66	133.67	94.48
14130	11.36	5.07	-2.70	-358.85	-155.73	-799.89	-1.80	148.39	80.18
14131	12.55	5.07	-2.70	-399.24	-174.93	-853.95	0.96	174.59	64.00
14132	13.75	5.07	-2.70	-436.99	-193.38	-924.64	8.57	222.99	47.91
14133	14.94	5.08	-2.70	-487.86	-205.49	-998.97	21.34	300.71	34.93
14134	16.14	5.08	-2.70	-583.72	-203.08	-1066.03	31.81	399.29	22.61
14135	17.33	5.08	-2.70	-768.70	-189.17	-1190.16	25.79	479.90	-13.59
14136	18.53	5.08	-2.70	-1106.44	-164.57	-1338.01	20.91	620.00	-40.82
14137	0.59	6.15	-2.70	5.07	-100.38	-1069.19	33.16	-121.03	188.01
14138	1.76	6.15	-2.70	-9.48	-99.72	-1016.23	26.31	-66.89	184.82
14139	2.94	6.16	-2.70	-33.91	-101.11	-962.34	20.29	-17.96	180.54
14140	4.11	6.16	-2.70	-67.30	-104.48	-909.72	15.15	24.76	175.17
14141	5.29	6.16	-2.70	-108.45	-109.77	-861.17	10.87	60.59	168.66
14142	6.46	6.16	-2.70	-155.86	-116.99	-820.05	7.39	89.26	160.86
14143	7.64	6.16	-2.70	-207.68	-126.17	-790.21	4.58	111.08	151.51
14144	8.81	6.17	-2.70	-261.58	-137.44	-775.82	2.33	127.25	140.22
14145	9.99	6.17	-2.70	-314.76	-151.08	-780.99	0.58	140.39	126.42
14146	11.16	6.17	-2.70	-364.16	-167.42	-808.85	-0.45	155.36	109.47
14147	12.34	6.17	-2.70	-407.68	-186.75	-859.63	0.06	180.05	88.99
14148	13.51	6.17	-2.70	-447.12	-208.37	-927.66	3.97	225.27	65.61
14149	14.69	6.18	-2.70	-494.35	-228.27	-999.73	14.39	300.68	42.30
14150	15.86	6.18	-2.70	-580.12	-233.02	-1059.77	33.41	402.26	25.66
14151	17.04	6.18	-2.70	-756.63	-208.61	-1163.74	56.19	485.58	14.64
14152	18.21	6.18	-2.70	-1084.42	-164.74	-1293.95	78.36	609.52	24.10
14153	0.58	7.25	-2.70	-9.12	-125.24	-1077.99	39.47	-120.98	228.59
14154	1.73	7.25	-2.70	-22.04	-124.12	-1026.23	31.48	-67.68	224.82
14155	2.88	7.25	-2.70	-44.45	-124.94	-973.86	24.50	-19.08	219.73
14156	4.03	7.25	-2.70	-75.54	-127.61	-922.86	18.60	23.90	213.37
14157	5.18	7.25	-2.70	-114.29	-132.07	-875.77	13.82	60.62	205.72



Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
14158	6.33	7.26	-2.70	-159.44	-138.29	-835.61	10.11	90.81	196.70
14159	7.48	7.26	-2.70	-209.46	-146.27	-805.88	7.36	114.68	186.15
14160	8.63	7.26	-2.70	-262.51	-156.11	-790.41	5.37	133.18	173.71
14161	9.78	7.26	-2.70	-316.36	-168.04	-793.08	3.89	148.40	158.78
14162	10.93	7.26	-2.70	-368.61	-182.49	-817.15	2.64	164.22	140.43
14163	12.08	7.26	-2.70	-417.38	-200.11	-863.81	1.60	187.16	117.47
14164	13.23	7.26	-2.70	-463.28	-221.48	-929.65	1.43	226.58	88.70
14165	14.38	7.26	-2.70	-513.31	-245.99	-1004.62	4.97	292.78	54.18
14166	15.53	7.26	-2.70	-587.16	-266.41	-1070.65	20.77	390.88	20.79
14167	16.68	7.26	-2.70	-723.67	-259.17	-1142.17	63.70	498.17	15.46
14168	17.83	7.26	-2.70	-966.23	-214.10	-1180.93	125.74	641.58	67.40
14169	0.61	3.95	-4.10	172.69	-21.74	-941.06	12.25	-123.97	79.47
14170	1.82	3.95	-4.10	164.95	-23.43	-892.37	7.30	-82.24	78.36
14171	3.03	3.95	-4.10	148.72	-27.14	-843.88	2.70	-45.09	76.78
14172	4.24	3.95	-4.10	125.18	-32.79	-797.71	-1.55	-13.19	74.68
14173	5.45	3.95	-4.10	95.86	-40.27	-756.55	-5.44	13.19	71.94
14174	6.67	3.95	-4.10	62.64	-49.49	-723.52	-8.94	34.31	68.39
14175	7.88	3.96	-4.10	27.71	-60.25	-701.99	-11.98	51.16	63.82
14176	9.09	3.96	-4.10	-6.52	-72.25	-695.25	-14.34	65.66	58.02
14177	10.30	3.96	-4.10	-37.79	-84.94	-705.90	-15.60	80.94	50.84
14178	11.51	3.96	-4.10	-64.79	-97.27	-734.90	-15.12	101.31	42.40
14179	12.73	3.96	-4.10	-88.40	-107.50	-780.52	-12.18	131.68	33.20
14180	13.94	3.96	-4.10	-113.09	-113.01	-837.93	-6.59	175.55	23.88
14181	15.15	3.96	-4.10	-145.99	-110.98	-901.47	0.46	232.18	14.16
14182	16.36	3.96	-4.10	-190.79	-99.79	-972.16	6.68	297.41	0.93
14183	17.57	3.96	-4.10	-236.48	-74.08	-1043.36	14.76	385.99	-13.84
14184	18.78	3.96	-4.10	-277.12	-16.36	-1032.78	27.19	537.59	-9.84
14185	0.60	5.05	-4.10	162.29	-36.26	-951.28	15.89	-122.69	116.14
14186	1.79	5.05	-4.10	155.12	-37.58	-903.18	9.64	-81.09	114.65
14187	2.99	5.06	-4.10	139.58	-40.80	-855.42	3.85	-43.80	112.44
14188	4.18	5.06	-4.10	116.78	-45.82	-810.01	-1.43	-11.51	109.47
14189	5.38	5.06	-4.10	88.10	-52.56	-769.47	-6.21	15.51	105.63
14190	6.58	5.06	-4.10	55.28	-60.89	-736.76	-10.46	37.42	100.74
14191	7.77	5.06	-4.10	20.37	-70.68	-715.08	-14.14	55.10	94.58
14192	8.97	5.07	-4.10	-14.32	-81.72	-707.61	-17.09	70.27	86.84
14193	10.16	5.07	-4.10	-46.53	-93.66	-716.90	-18.97	85.83	77.25
14194	11.36	5.07	-4.10	-74.66	-105.80	-743.99	-19.11	105.95	65.73
14195	12.55	5.07	-4.10	-99.07	-116.77	-787.24	-16.51	135.61	52.63
14196	13.75	5.07	-4.10	-123.80	-123.97	-841.75	-10.15	178.74	39.00
14197	14.94	5.08	-4.10	-156.95	-123.13	-901.26	-0.03	234.64	25.99
14198	16.14	5.08	-4.10	-205.75	-109.11	-968.90	12.28	295.52	13.06
14199	17.33	5.08	-4.10	-257.22	-73.46	-1045.01	28.65	372.08	4.20
14200	18.53	5.08	-4.10	-294.92	-5.94	-1045.38	46.93	511.84	18.28
14201	0.59	6.15	-4.10	149.05	-54.35	-961.56	19.79	-121.28	151.77
14202	1.76	6.15	-4.10	142.60	-55.23	-914.15	12.34	-80.02	149.89
14203	2.94	6.16	-4.10	128.00	-57.88	-867.29	5.47	-42.76	147.07
14204	4.11	6.16	-4.10	106.21	-62.20	-822.82	-0.76	-10.12	143.28
14205	5.29	6.16	-4.10	78.49	-68.08	-783.04	-6.31	17.56	138.43
14206	6.46	6.16	-4.10	46.37	-75.40	-750.71	-11.18	40.40	132.38
14207	7.64	6.16	-4.10	11.69	-84.05	-728.82	-15.36	59.11	124.88
14208	8.81	6.17	-4.10	-23.45	-93.88	-720.38	-18.77	75.15	115.58
14209	9.99	6.17	-4.10	-56.89	-104.66	-727.94	-21.24	91.08	104.06
14210	11.16	6.17	-4.10	-86.87	-116.00	-752.75	-22.26	110.67	89.93
14211	12.34	6.17	-4.10	-113.04	-127.02	-793.64	-20.84	138.79	73.15
14212	13.51	6.17	-4.10	-138.11	-135.71	-846.11	-15.29	180.00	54.54
14213	14.69	6.18	-4.10	-169.19	-137.62	-903.06	-3.42	235.38	36.71
14214	15.86	6.18	-4.10	-215.21	-125.81	-964.26	16.24	298.09	24.17
14215	17.04	6.18	-4.10	-266.41	-90.42	-1028.36	44.72	373.82	26.27
14216	18.21	6.18	-4.10	-303.49	-23.85	-1022.75	74.55	501.55	54.77
14217	0.58	7.25	-4.10	132.85	-75.93	-972.63	23.98	-119.82	185.82
14218	1.73	7.25	-4.10	127.28	-76.32	-926.01	15.43	-79.14	183.54
14219	2.88	7.25	-4.10	113.84	-78.34	-880.17	7.57	-42.06	180.11
14220	4.03	7.25	-4.10	93.38	-81.89	-836.77	0.49	-9.17	175.55
14221	5.18	7.25	-4.10	66.96	-86.87	-797.87	-5.76	19.18	169.78
14222	6.33	7.26	-4.10	35.91	-93.13	-765.97	-11.15	43.05	162.71
14223	7.48	7.26	-4.10	1.80	-100.57	-743.81	-15.71	62.99	154.10
14224	8.63	7.26	-4.10	-33.56	-109.03	-734.18	-19.44	80.19	143.60
14225	9.78	7.26	-4.10	-68.30	-118.35	-739.58	-22.29	96.73	130.71
14226	10.93	7.26	-4.10	-100.69	-128.27	-761.57	-24.04	115.80	114.78
14227	12.08	7.26	-4.10	-129.90	-138.26	-799.78	-23.98	141.71	95.27
14228	13.23	7.26	-4.10	-157.00	-147.09	-850.98	-20.45	179.24	72.25
14229	14.38	7.26	-4.10	-186.13	-151.41	-908.43	-10.04	231.99	48.20
14230	15.53	7.26	-4.10	-224.31	-144.56	-965.61	11.82	298.89	31.03
14231	16.68	7.26	-4.10	-268.88	-117.51	-1010.05	45.85	383.40	35.41
14232	17.83	7.26	-4.10	-308.87	-64.32	-987.47	76.73	501.90	69.75
14233	0.61	3.95	-5.50	348.53	36.41	-854.10	1.71	-120.47	58.59
14234	1.82	3.95	-5.50	349.38	32.65	-809.99	-3.60	-89.90	58.18
14235	3.03	3.95	-5.50	343.53	27.17	-767.13	-8.71	-62.63	57.43
14236	4.24	3.95	-5.50	332.11	20.09	-727.23	-13.56	-38.92	56.27
14237	5.45	3.95	-5.50	316.52	11.58	-692.46	-18.11	-18.67	54.62
14238	6.67	3.95	-5.50	298.45	1.87	-665.29	-22.27	-1.26	52.34
14239	7.88	3.96	-5.50	279.80	-8.71	-648.28	-25.92	14.55	49.29
14240	9.09	3.96	-5.50	262.51	-19.63	-643.76	-28.81	30.68	45.32
14241	10.30	3.96	-5.50	248.30	-30.14	-653.36	-30.56	49.76	40.37
14242	11.51	3.96	-5.50	238.18	-39.04	-677.42	-30.68	74.87	34.53
14243	12.73	3.96	-5.50	232.08	-44.62	-714.60	-28.65	108.90	28.11
14244	13.94	3.96	-5.50	229.03	-44.60	-761.96	-24.14	153.71	21.55
14245	15.15	3.96	-5.50	228.73	-36.19	-815.82	-17.12	210.23	15.25
14246	16.36	3.96	-5.50	233.86	-15.79	-868.70	-7.39	282.84	10.43
14247	17.57	3.96	-5.50	243.96	21.14	-895.07	4.07	382.40	10.49
14248	18.78	3.96	-5.50	241.18	76.66	-844.65	11.37	506.95	17.02
14249	0.60	5.05	-5.50	337.05	24.57	-864.80	2.53	-118.55	89.42
14250	1.79	5.05	-5.50	337.99	21.21	-821.07	-4.15	-87.97	88.79
14251	2.99	5.06	-5.50	332.32	16.26	-778.73	-10.54	-60.49	87.63
14252	4.18	5.06	-5.50	321.07	9.85	-739.38	-16.60	-36.40	85.86
14253	5.38	5.06	-5.50	305.56	2.12	-705.05	-22.25	-15.63	83.40
14254	6.58	5.06	-5.50	287.35	-6.69	-678.07	-27.42	2.36	80.11
14255	7.77	5.06	-5.50	268.26	-16.31	-660.88	-31.98	18.68	75.80
14256	8.97	5.07	-5.50	250.19	-26.30	-655.72	-35.69	35.10	70.29

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
14257	10.16	5.07	-5.50	234.89	-36.02	-664.20	-38.19	54.12	63.44
14258	11.36	5.07	-5.50	223.56	-44.49	-686.68	-38.88	78.75	55.27
14259	12.55	5.07	-5.50	216.36	-50.14	-721.83	-37.04	111.98	46.16
14260	13.75	5.07	-5.50	212.36	-50.67	-766.61	-32.00	155.84	36.94
14261	14.94	5.08	-5.50	210.87	-42.96	-817.37	-23.45	210.98	28.80
14262	16.14	5.08	-5.50	214.82	-22.96	-867.28	-11.52	280.99	23.87
14263	17.33	5.08	-5.50	225.37	13.12	-891.67	1.48	376.51	25.29
14264	18.53	5.08	-5.50	225.93	64.35	-840.64	8.51	496.11	31.32
14265	0.59	6.15	-5.50	322.52	9.87	-876.23	3.69	-116.36	119.41
14266	1.76	6.15	-5.50	323.59	6.99	-832.96	-4.19	-85.91	118.54
14267	2.94	6.16	-5.50	318.20	2.67	-791.24	-11.74	-58.33	116.96
14268	4.11	6.16	-5.50	307.26	-2.97	-752.54	-18.85	-33.91	114.60
14269	5.29	6.16	-5.50	291.96	-9.76	-718.72	-25.46	-12.62	111.39
14270	6.46	6.16	-5.50	273.73	-17.51	-691.95	-31.48	6.00	107.19
14271	7.64	6.16	-5.50	254.24	-25.94	-674.51	-36.80	22.89	101.81
14272	8.81	6.17	-5.50	235.28	-34.70	-668.53	-41.23	39.64	95.01
14273	9.99	6.17	-5.50	218.60	-43.25	-675.60	-44.46	58.51	86.57
14274	11.16	6.17	-5.50	205.58	-50.79	-696.24	-45.91	82.36	76.39
14275	12.34	6.17	-5.50	196.78	-56.04	-729.26	-44.74	114.32	64.79
14276	13.51	6.17	-5.50	191.67	-56.86	-771.56	-39.84	156.91	52.88
14277	14.69	6.18	-5.50	189.35	-50.16	-818.72	-30.38	211.34	42.91
14278	15.86	6.18	-5.50	191.75	-31.96	-863.00	-16.64	280.37	38.43
14279	17.04	6.18	-5.50	200.22	0.73	-881.85	-2.69	371.68	42.50
14280	18.21	6.18	-5.50	202.40	45.24	-832.43	2.09	482.86	49.48
14281	0.58	7.25	-5.50	304.91	-7.47	-889.15	5.27	-113.94	148.16
14282	1.73	7.25	-5.50	306.17	-9.80	-846.40	-3.66	-83.82	147.02
14283	2.88	7.25	-5.50	301.17	-13.42	-805.37	-12.20	-56.27	144.99
14284	4.03	7.25	-5.50	290.70	-18.19	-767.39	-20.21	-31.60	142.05
14285	5.18	7.25	-5.50	275.80	-23.95	-734.14	-27.61	-9.81	138.14
14286	6.33	7.26	-5.50	257.74	-30.49	-707.57	-34.32	9.46	133.14
14287	7.48	7.26	-5.50	237.98	-37.57	-689.78	-40.23	27.00	126.86
14288	8.63	7.26	-5.50	218.16	-44.85	-682.77	-45.22	44.15	119.06
14289	9.78	7.26	-5.50	199.93	-51.87	-688.14	-49.03	62.87	109.45
14290	10.93	7.26	-5.50	184.78	-57.94	-706.58	-51.20	85.74	97.82
14291	12.08	7.26	-5.50	173.69	-62.02	-737.30	-50.93	115.88	84.30
14292	13.23	7.26	-5.50	166.90	-62.39	-777.39	-46.94	156.43	69.99
14293	14.38	7.26	-5.50	163.76	-56.22	-821.49	-37.84	209.97	57.82
14294	15.53	7.26	-5.50	164.47	-39.98	-859.62	-23.96	279.09	52.68
14295	16.68	7.26	-5.50	168.74	-11.52	-870.88	-10.54	366.92	57.92
14296	17.83	7.26	-5.50	169.51	27.04	-822.42	-7.77	468.42	66.78
14297	0.61	3.95	-6.90	550.06	110.35	-786.51	-10.21	-112.39	40.71
14298	1.82	3.95	-6.90	558.75	104.07	-745.59	-15.83	-91.05	40.84
14299	3.03	3.95	-6.90	562.39	96.34	-706.46	-21.39	-71.89	40.79
14300	4.24	3.95	-6.90	561.94	87.30	-670.44	-26.82	-54.84	40.51
14301	5.45	3.95	-6.90	558.60	77.16	-639.22	-32.05	-39.46	39.92
14302	6.67	3.95	-6.90	553.77	66.22	-614.69	-36.99	-24.85	38.95
14303	7.88	3.96	-6.90	548.98	54.88	-598.77	-41.47	-9.65	37.49
14304	9.09	3.96	-6.90	545.78	43.73	-593.16	-45.27	8.05	35.46
14305	10.30	3.96	-6.90	545.57	33.59	-598.97	-48.06	30.57	32.86
14306	11.51	3.96	-6.90	549.43	25.61	-616.42	-49.47	60.41	29.78
14307	12.73	3.96	-6.90	558.13	21.34	-644.52	-49.08	99.93	26.45
14308	13.94	3.96	-6.90	572.36	22.75	-680.81	-46.58	151.18	23.26
14309	15.15	3.96	-6.90	593.03	32.23	-720.22	-41.85	216.32	20.73
14310	16.36	3.96	-6.90	619.83	52.43	-751.80	-35.33	297.86	19.46
14311	17.57	3.96	-6.90	647.77	85.63	-755.63	-28.62	394.76	19.00
14312	18.78	3.96	-6.90	667.72	133.45	-707.67	-23.99	495.23	15.81
14313	0.60	5.05	-6.90	537.83	101.57	-797.33	-12.59	-110.13	66.45
14314	1.79	5.05	-6.90	546.17	95.74	-756.69	-19.66	-88.61	66.48
14315	2.99	5.06	-6.90	549.50	88.60	-717.96	-26.63	-69.15	66.19
14316	4.18	5.06	-6.90	548.71	80.29	-682.37	-33.44	-51.69	65.53
14317	5.38	5.06	-6.90	544.92	71.00	-651.52	-40.00	-35.85	64.43
14318	6.58	5.06	-6.90	539.46	61.01	-627.16	-46.18	-20.80	62.78
14319	7.77	5.06	-6.90	533.80	50.68	-611.13	-51.84	-5.28	60.47
14320	8.97	5.07	-6.90	529.45	40.53	-605.03	-56.74	12.49	57.40
14321	10.16	5.07	-6.90	527.86	31.27	-609.92	-60.53	34.75	53.53
14322	11.36	5.07	-6.90	530.18	23.92	-625.96	-62.77	63.96	48.96
14323	12.55	5.07	-6.90	537.25	19.85	-652.10	-62.99	102.52	44.02
14324	13.75	5.07	-6.90	549.76	20.89	-685.77	-60.82	152.50	39.30
14325	14.94	5.08	-6.90	568.67	29.22	-721.90	-56.28	215.94	35.64
14326	16.14	5.08	-6.90	594.01	47.04	-749.83	-50.21	295.08	33.68
14327	17.33	5.08	-6.90	621.75	75.77	-750.84	-44.65	388.56	32.40
14328	18.53	5.08	-6.90	644.48	116.30	-703.41	-41.38	484.78	27.50
14329	0.59	6.15	-6.90	522.35	90.56	-809.35	-14.54	-107.51	91.74
14330	1.76	6.15	-6.90	530.30	85.27	-769.03	-22.85	-85.90	91.63
14331	2.94	6.16	-6.90	533.30	78.83	-730.75	-31.05	-66.20	91.08
14332	4.11	6.16	-6.90	532.18	71.39	-695.67	-39.04	-48.37	90.04
14333	5.29	6.16	-6.90	527.95	63.12	-665.22	-46.72	-32.07	88.44
14334	6.46	6.16	-6.90	521.84	54.30	-641.03	-53.96	-16.58	86.19
14335	7.64	6.16	-6.90	515.21	45.24	-624.81	-60.61	-0.74	83.16
14336	8.81	6.17	-6.90	509.54	36.40	-618.06	-66.46	17.06	79.22
14337	9.99	6.17	-6.90	506.25	28.40	-621.79	-71.18	38.91	74.31
14338	11.16	6.17	-6.90	506.60	22.11	-636.15	-74.33	67.23	68.50
14339	12.34	6.17	-6.90	511.51	18.70	-660.03	-75.40	104.49	62.17
14340	13.51	6.17	-6.90	521.67	19.75	-690.66	-74.00	152.93	56.15
14341	14.69	6.18	-6.90	537.80	27.13	-722.73	-70.25	214.54	51.64
14342	15.86	6.18	-6.90	559.95	42.55	-746.02	-65.54	290.87	49.39
14343	17.04	6.18	-6.90	585.37	66.62	-743.87	-62.58	380.10	47.87
14344	18.21	6.18	-6.90	609.26	99.51	-697.60	-63.00	471.76	41.98
14345	0.58	7.25	-6.90	503.71	77.62	-823.30	-15.96	-104.58	116.36
14346	1.73	7.25	-6.90	511.21	72.95	-783.32	-25.29	-83.02	116.07
14347	2.88	7.25	-6.90	513.91	67.31	-745.55	-34.50	-63.17	115.21
14348	4.03	7.25	-6.90	512.51	60.85	-710.99	-43.45	-45.02	113.78
14349	5.18	7.25	-6.90	507.91	53.75	-680.95	-52.02	-28.28	111.72
14350	6.33	7.26	-6.90	501.20	46.26	-656.91	-60.08	-12.33	108.94
14351	7.48	7.26	-6.90	493.63	38.69	-640.40	-67.50	3.82	105.32
14352	8.63	7.26	-6.90	486.56	31.44	-632.81	-74.08	21.64	100.75
14353	9.78	7.26	-6.90	481.38	25.08	-635.11	-79.55	42.98	95.13
14354	10.93	7.26	-6.90	479.37	20.32	-647.46	-83.52	70.15	88.47
14355	12.08	7.26	-6.90	481.59	18.13	-668.77	-85.55	105.71	81.16

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
14356	13.23	7.26	-6.90	488.78	19.77	-696.09	-85.22	152.18	74.12
14357	14.38	7.26	-6.90	501.26	26.76	-723.71	-82.72	211.69	68.92
14358	15.53	7.26	-6.90	518.59	40.33	-741.72	-79.89	285.00	66.57
14359	16.68	7.26	-6.90	539.06	60.39	-735.71	-80.12	369.43	65.19
14360	17.83	7.26	-6.90	560.43	86.33	-690.30	-85.60	456.16	59.44
14361	0.61	3.95	-8.30	774.03	199.13	-735.30	-23.15	-100.93	26.20
14362	1.82	3.95	-8.30	789.86	189.92	-696.47	-29.08	-87.09	26.71
14363	3.03	3.95	-8.30	802.12	179.47	-659.49	-35.10	-74.55	27.23
14364	4.24	3.95	-8.30	811.55	167.92	-625.35	-41.16	-62.96	27.70
14365	5.45	3.95	-8.30	819.09	155.48	-595.29	-47.19	-51.64	28.09
14366	6.67	3.95	-8.30	825.76	142.45	-570.71	-53.10	-39.52	28.32
14367	7.88	3.96	-8.30	832.69	129.23	-553.02	-58.74	-25.11	28.36
14368	9.09	3.96	-8.30	840.97	116.36	-543.45	-63.92	-6.54	28.16
14369	10.30	3.96	-8.30	851.61	104.59	-542.80	-68.40	18.39	27.74
14370	11.51	3.96	-8.30	865.53	94.92	-551.22	-71.87	52.02	27.14
14371	12.73	3.96	-8.30	883.50	88.63	-567.85	-74.04	96.63	26.47
14372	13.94	3.96	-8.30	906.27	87.30	-590.39	-74.68	154.23	25.86
14373	15.15	3.96	-8.30	934.21	92.77	-614.04	-73.71	226.23	25.29
14374	16.36	3.96	-8.30	966.68	107.02	-630.58	-71.28	312.10	24.24
14375	17.57	3.96	-8.30	1001.80	132.15	-628.46	-67.55	406.90	21.11
14376	18.78	3.96	-8.30	1037.56	170.75	-594.97	-62.01	499.50	13.03
14377	0.60	5.05	-8.30	761.27	193.47	-745.72	-29.01	-98.57	47.39
14378	1.79	5.05	-8.30	776.35	184.79	-707.13	-36.52	-84.39	47.89
14379	2.99	5.06	-8.30	787.84	175.00	-670.50	-44.13	-71.45	48.31
14380	4.18	5.06	-8.30	796.44	164.24	-636.76	-51.78	-59.41	48.62
14381	5.38	5.06	-8.30	803.01	152.71	-607.05	-59.39	-47.64	48.75
14382	6.58	5.06	-8.30	808.55	140.69	-582.69	-66.84	-35.14	48.65
14383	7.77	5.06	-8.30	814.12	128.52	-565.00	-74.00	-20.51	48.25
14384	8.97	5.07	-8.30	820.81	116.70	-555.10	-80.67	-1.99	47.51
14385	10.16	5.07	-8.30	829.65	105.88	-553.72	-86.58	22.55	46.41
14386	11.36	5.07	-8.30	841.57	96.91	-560.90	-91.43	55.36	45.02
14387	12.55	5.07	-8.30	857.40	90.89	-575.69	-94.94	98.69	43.49
14388	13.75	5.07	-8.30	877.88	89.13	-595.66	-96.96	154.51	41.99
14389	14.94	5.08	-8.30	903.54	93.10	-616.10	-97.58	224.12	40.50
14390	16.14	5.08	-8.30	934.13	104.25	-629.22	-97.21	306.91	38.31
14391	17.33	5.08	-8.30	968.76	124.00	-624.60	-96.11	398.27	33.44
14392	18.53	5.08	-8.30	1007.07	154.40	-590.99	-93.47	488.17	22.55
14393	0.59	6.15	-8.30	745.05	186.01	-757.53	-34.34	-95.83	68.62
14394	1.76	6.15	-8.30	759.25	177.94	-719.19	-43.19	-81.34	69.04
14395	2.94	6.16	-8.30	769.86	168.94	-682.95	-52.16	-68.01	69.32
14396	4.11	6.16	-8.30	777.53	159.14	-649.65	-61.17	-55.52	69.44
14397	5.29	6.16	-8.30	783.04	148.72	-620.33	-70.10	-43.29	69.32
14398	6.46	6.16	-8.30	787.31	137.93	-596.18	-78.87	-30.41	68.92
14399	7.64	6.16	-8.30	791.34	127.10	-578.41	-87.31	-15.60	68.17
14400	8.81	6.17	-8.30	796.18	116.65	-568.05	-95.25	2.79	67.00
14401	9.99	6.17	-8.30	802.85	107.15	-565.71	-102.45	26.76	65.38
14402	11.16	6.17	-8.30	812.28	99.29	-571.35	-108.65	58.47	63.38
14403	12.34	6.17	-8.30	825.28	93.96	-583.89	-113.62	100.15	61.16
14404	13.51	6.17	-8.30	842.56	92.20	-600.78	-117.30	153.72	58.95
14405	14.69	6.18	-8.30	864.55	95.10	-617.38	-120.06	220.33	56.74
14406	15.86	6.18	-8.30	891.32	103.56	-626.47	-122.70	299.26	53.65
14407	17.04	6.18	-8.30	922.84	118.30	-618.86	-125.87	386.37	47.40
14408	18.21	6.18	-8.30	960.18	140.28	-585.03	-129.06	472.92	34.21
14409	0.58	7.25	-8.30	725.52	177.03	-771.38	-39.02	-92.77	89.87
14410	1.73	7.25	-8.30	738.72	169.66	-733.29	-48.94	-78.05	90.16
14411	2.88	7.25	-8.30	748.39	161.57	-697.47	-59.01	-64.35	90.24
14412	4.03	7.25	-8.30	755.10	152.85	-664.62	-69.10	-51.42	90.13
14413	5.18	7.25	-8.30	759.52	143.69	-635.67	-79.08	-38.74	89.77
14414	6.33	7.26	-8.30	762.48	134.33	-611.69	-88.86	-25.48	89.12
14415	7.48	7.26	-8.30	764.89	125.06	-593.73	-98.29	-10.50	88.10
14416	8.63	7.26	-8.30	767.73	116.26	-582.71	-107.23	7.70	86.66
14417	9.78	7.26	-8.30	771.98	108.40	-579.16	-115.48	30.94	84.76
14418	10.93	7.26	-8.30	778.54	102.06	-582.91	-122.84	61.28	82.41
14419	12.08	7.26	-8.30	788.16	97.91	-592.80	-129.18	100.90	79.75
14420	13.23	7.26	-8.30	801.43	96.67	-606.17	-134.59	151.72	77.02
14421	14.38	7.26	-8.30	818.57	99.12	-618.44	-139.57	214.81	74.31
14422	15.53	7.26	-8.30	839.54	105.78	-622.99	-145.39	289.21	70.68
14423	16.68	7.26	-8.30	864.85	116.68	-611.94	-153.36	371.08	63.42
14424	17.83	7.26	-8.30	896.39	132.02	-577.67	-163.58	453.38	48.58
14425	19.82	3.96	-2.70	-1377.86	-98.47	-813.31	-167.12	871.12	67.99
14426	20.67	3.96	-2.70	-995.30	156.19	-178.51	-323.39	537.25	99.08
14427	21.53	3.96	-2.70	-784.50	325.96	25.87	-359.06	541.72	-38.23
14428	22.38	3.96	-2.70	-549.34	522.27	332.11	-300.33	618.69	-256.99
14429	23.24	3.96	-2.70	-204.25	919.44	881.97	-201.08	892.12	-1129.91
14430	19.56	5.08	-2.70	-1585.19	-21.91	-755.28	4.28	784.47	67.18
14431	20.42	5.08	-2.70	-1021.01	234.52	-14.99	-18.71	236.89	10.66
14432	21.29	5.08	-2.70	-803.65	299.11	3.63	-64.62	210.42	-7.87
14433	22.15	5.07	-2.70	-529.36	267.63	60.00	-65.87	222.33	-88.66
14434	23.02	5.07	-2.70	-200.55	161.09	185.73	-2.13	97.35	-275.25
14435	19.24	6.18	-2.70	-1552.46	-19.11	-736.90	108.43	757.76	130.62
14436	20.12	6.18	-2.70	-1038.81	236.14	-18.90	166.17	237.25	19.42
14437	20.99	6.18	-2.70	-847.05	334.92	17.45	124.51	200.16	-4.98
14438	21.87	6.18	-2.70	-581.25	282.94	79.05	-13.86	237.83	86.20
14439	22.75	6.17	-2.70	-202.86	34.67	189.68	-98.32	32.60	105.15
14440	18.86	7.26	-2.70	-1310.46	-84.24	-722.89	271.08	788.13	108.75
14441	19.75	7.26	-2.70	-1013.39	163.87	-124.69	442.52	477.86	-21.36
14442	20.64	7.26	-2.70	-864.41	383.52	67.90	436.72	446.23	23.30
14443	21.53	7.26	-2.70	-676.57	521.40	319.72	251.26	556.79	149.86
14444	22.42	7.26	-2.70	-336.90	552.89	799.31	-74.75	696.06	999.85
14445	19.82	3.96	-4.10	-363.77	96.17	-752.95	25.66	715.17	34.47
14446	20.67	3.96	-4.10	-444.87	220.34	-311.60	-36.95	715.98	37.00
14447	21.53	3.96	-4.10	-320.92	342.32	56.07	-86.79	682.26	-39.77
14448	22.38	3.96	-4.10	-171.39	416.39	400.50	-113.82	784.70	-199.74
14449	23.24	3.96	-4.10	-27.35	520.87	896.21	-142.25	1020.75	-1057.07
14450	19.56	5.08	-4.10	-378.99	86.48	-742.89	31.32	688.38	61.25
14451	20.42	5.08	-4.10	-482.95	195.86	-275.82	-28.29	653.06	40.43
14452	21.29	5.08	-4.10	-341.09	345.97	50.18	-69.99	578.22	-22.49
14453	22.15	5.07	-4.10	-182.47	480.28	269.11	-120.20	601.45	-156.28
14454	23.02	5.07	-4.10	-23.62	622.05	619.26	-161.10	395.80	-500.00

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
14455	19.24	6.18	-4.10	-381.28	58.57	-730.33	67.19	666.88	78.06
14456	20.12	6.18	-4.10	-480.48	173.36	-266.80	50.12	631.43	27.76
14457	20.99	6.18	-4.10	-348.28	330.44	66.09	41.00	559.68	-21.83
14458	21.87	6.18	-4.10	-210.35	460.78	282.55	-7.25	611.93	69.07
14459	22.75	6.17	-4.10	-38.31	577.14	606.02	-66.46	319.07	117.38
14460	18.86	7.26	-4.10	-378.31	12.13	-733.55	55.98	644.15	87.77
14461	19.75	7.26	-4.10	-441.52	133.66	-305.52	53.53	638.58	21.31
14462	20.64	7.26	-4.10	-330.04	271.95	71.24	75.32	600.89	-45.80
14463	21.53	7.26	-4.10	-204.17	373.78	412.70	48.82	760.20	-15.15
14464	22.42	7.26	-4.10	-106.27	394.54	843.29	-59.38	866.12	757.47
14465	19.82	3.96	-5.50	197.85	161.63	-644.85	2.00	624.60	18.20
14466	20.67	3.96	-5.50	148.73	275.80	-305.43	-20.73	684.25	-6.49
14467	21.53	3.96	-5.50	119.65	384.73	74.78	-61.67	715.88	-59.53
14468	22.38	3.96	-5.50	136.40	451.14	448.17	-115.53	802.26	-159.93
14469	23.24	3.96	-5.50	172.81	587.92	835.77	-203.11	988.78	-946.11
14470	19.56	5.08	-5.50	187.50	140.51	-642.88	1.92	606.61	29.13
14471	20.42	5.08	-5.50	145.91	251.00	-305.47	-15.48	660.64	-4.47
14472	21.29	5.08	-5.50	108.07	376.57	63.28	-51.03	688.34	-50.66
14473	22.15	5.07	-5.50	94.96	503.88	399.28	-117.31	725.76	-153.45
14474	23.02	5.07	-5.50	46.73	569.10	693.90	-145.31	477.41	-445.35
14475	19.24	6.18	-5.50	174.78	111.06	-642.76	-6.60	587.82	43.03
14476	20.12	6.18	-5.50	149.90	208.94	-310.11	-16.24	639.59	-2.48
14477	20.99	6.18	-5.50	125.85	338.40	64.38	-23.95	672.00	-71.17
14478	21.87	6.18	-5.50	93.42	487.21	407.72	-47.81	746.78	-35.06
14479	22.75	6.17	-5.50	41.99	530.23	688.21	-99.03	433.05	-54.39
14480	18.86	7.26	-5.50	153.91	84.68	-644.72	-19.33	567.31	59.73
14481	19.75	7.26	-5.50	151.10	163.79	-326.68	-31.53	620.37	2.30
14482	20.64	7.26	-5.50	165.05	265.82	55.27	-23.22	652.99	-96.20
14483	21.53	7.26	-5.50	174.10	399.70	451.52	1.63	811.10	-156.87
14484	22.42	7.26	-5.50	124.56	471.60	806.24	-20.42	900.98	520.15
14485	19.82	3.96	-6.90	671.30	208.79	-561.18	-22.94	585.11	2.27
14486	20.67	3.96	-6.90	650.22	315.25	-290.66	-29.83	630.38	-33.30
14487	21.53	3.96	-6.90	584.07	427.48	88.87	-67.12	634.04	-88.97
14488	22.38	3.96	-6.90	470.65	472.18	488.91	-169.26	703.81	-158.39
14489	23.24	3.96	-6.90	406.57	630.94	791.38	-332.16	904.56	-843.46
14490	19.56	5.08	-6.90	658.07	181.87	-561.10	-40.41	571.85	9.56
14491	20.42	5.08	-6.90	652.34	285.69	-296.39	-38.98	616.31	-38.45
14492	21.29	5.08	-6.90	581.54	423.03	80.28	-59.41	622.42	-96.37
14493	22.15	5.07	-6.90	376.88	557.47	460.17	-163.17	660.30	-180.54
14494	23.02	5.07	-6.90	125.55	579.10	585.39	-182.28	465.70	-419.44
14495	19.24	6.18	-6.90	632.61	151.91	-561.63	-66.37	557.09	20.40
14496	20.12	6.18	-6.90	653.25	237.21	-306.34	-61.25	602.70	-37.57
14497	20.99	6.18	-6.90	619.72	377.54	68.82	-44.27	614.15	-124.78
14498	21.87	6.18	-6.90	401.56	557.98	466.60	-53.94	682.81	-113.40
14499	22.75	6.17	-6.90	117.16	555.22	583.02	-101.17	439.81	-128.41
14500	18.86	7.26	-6.90	587.69	125.38	-562.30	-98.80	539.74	35.02
14501	19.75	7.26	-6.90	632.22	185.62	-322.12	-105.94	590.34	-32.72
14502	20.64	7.26	-6.90	665.58	283.93	37.85	-79.68	600.21	-147.04
14503	21.53	7.26	-6.90	584.39	465.89	480.84	0.18	725.09	-242.80
14504	22.42	7.26	-6.90	374.77	555.51	768.68	76.92	851.35	346.12
14505	19.82	3.96	-8.30	1075.79	237.18	-499.29	-53.07	577.99	-6.68
14506	20.67	3.96	-8.30	1113.57	343.71	-310.40	-42.61	604.63	-48.65
14507	21.53	3.96	-8.30	1121.37	476.69	6.44	-61.15	533.73	-119.75
14508	22.38	3.96	-8.30	1032.96	552.82	509.76	-198.11	438.07	-212.23
14509	23.24	3.96	-8.30	677.21	641.38	812.40	-481.40	691.58	-646.47
14510	19.56	5.08	-8.30	1055.21	208.86	-498.24	-85.71	567.15	-2.64
14511	20.42	5.08	-8.30	1112.74	308.86	-314.57	-64.77	598.58	-56.30
14512	21.29	5.08	-8.30	1123.87	469.79	-1.98	-55.56	530.95	-134.76
14513	22.15	5.07	-8.30	922.28	667.81	496.62	-172.64	388.51	-247.34
14514	23.02	5.07	-8.30	281.47	608.83	480.43	-270.24	336.01	-335.42
14515	19.24	6.18	-8.30	1015.03	179.67	-495.91	-129.34	553.38	4.07
14516	20.12	6.18	-8.30	1099.57	255.00	-321.26	-110.04	593.56	-59.03
14517	20.99	6.18	-8.30	1165.71	411.07	-17.03	-56.91	541.02	-157.06
14518	21.87	6.18	-8.30	983.68	675.03	500.99	-33.81	415.77	-205.69
14519	22.75	6.17	-8.30	325.87	626.39	462.49	-144.01	305.78	-124.60
14520	18.86	7.26	-8.30	948.89	158.34	-492.44	-176.96	534.86	13.88
14521	19.75	7.26	-8.30	1047.70	205.04	-329.45	-179.20	587.78	-58.21
14522	20.64	7.26	-8.30	1188.26	300.43	-50.50	-132.34	555.84	-173.73
14523	21.53	7.26	-8.30	1224.22	551.71	484.18	3.68	498.50	-291.61
14524	22.42	7.26	-8.30	825.22	703.26	759.25	124.90	629.16	163.25
14525	-0.61	3.95	-2.70	31.12	-65.53	-1102.27	25.97	-181.15	104.02
14526	-0.60	5.05	-2.70	21.43	-82.25	-1111.42	33.33	-180.25	147.62
14527	-0.59	6.15	-2.70	9.00	-103.20	-1119.68	40.79	-179.09	190.16
14528	-0.58	7.25	-2.70	-6.33	-128.41	-1127.79	48.33	-177.76	231.02
14529	-1.82	3.95	-2.70	25.04	-70.11	-1149.64	31.36	-243.67	105.02
14530	-1.79	5.05	-2.70	14.85	-87.07	-1158.69	40.22	-241.99	148.67
14531	-1.76	6.15	-2.70	1.85	-108.24	-1166.87	49.09	-239.68	191.22
14532	-1.73	7.25	-2.70	-14.09	-133.66	-1174.91	57.92	-236.81	232.06
14533	-3.03	3.95	-2.70	6.90	-77.16	-1192.48	37.13	-307.39	105.41
14534	-2.99	5.06	-2.70	-3.45	-94.27	-1201.90	47.57	-304.79	148.80
14535	-2.94	6.16	-2.70	-16.58	-115.57	-1210.60	57.89	-301.17	191.06
14536	-2.88	7.25	-2.70	-32.61	-141.04	-1219.31	68.05	-296.63	231.63
14537	-4.24	3.95	-2.70	-23.28	-86.79	-1231.37	43.20	-370.46	105.13
14538	-4.18	5.06	-2.70	-33.42	-103.97	-1241.68	55.24	-366.91	147.94
14539	-4.11	6.16	-2.70	-46.24	-125.27	-1251.53	67.04	-361.97	189.64
14540	-4.03	7.25	-2.70	-61.83	-150.65	-1261.62	78.54	-355.74	229.70
14541	-5.45	3.95	-2.70	-65.16	-99.15	-1267.81	49.45	-431.10	104.14
14542	-5.38	5.06	-2.70	-74.77	-116.31	-1279.48	63.07	-426.66	146.07
14543	-5.29	6.16	-2.70	-86.86	-137.49	-1291.05	76.35	-420.51	186.95
14544	-5.18	7.25	-2.70	-101.55	-162.66	-1303.16	89.19	-412.77	226.29
14545	-6.67	3.95	-2.70	-118.20	-114.41	-1304.19	55.73	-487.72	102.44
14546	-6.58	5.06	-2.70	-127.00	-131.46	-1317.59	70.91	-482.57	143.22
14547	-6.46	6.16	-2.70	-138.02	-152.42	-1331.33	85.65	-475.45	183.05
14548	-6.33	7.26	-2.70	-151.41	-177.27	-1345.94	99.84	-466.50	221.50
14549	-7.88	3.96	-2.70	-181.71	-132.81	-1343.71	61.95	-539.06	100.07
14550	-7.77	5.06	-2.70	-189.50	-149.68	-1359.09	78.63	-533.48	139.48
14551	-7.64	6.16	-2.70	-199.22	-170.34	-1375.26	94.80	-525.74	178.09
14552	-7.48	7.26	-2.70	-211.03	-194.76	-1392.65	110.32	-516.00	215.53
14553	-9.09	3.96	-2.70	-255.12	-154.69	-1390.37	68.01	-584.39	97.17

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
14554	-8.97	5.07	-2.70	-261.80	-171.31	-1407.78	86.13	-578.70	135.04
14555	-8.81	6.17	-2.70	-270.09	-191.59	-1426.42	103.72	-570.76	172.31
14556	-8.63	7.26	-2.70	-280.18	-215.54	-1446.61	120.60	-560.73	208.65
14557	-10.30	3.96	-2.70	-338.17	-180.52	-1448.88	73.91	-623.55	93.94
14558	-10.16	5.07	-2.70	-343.75	-196.86	-1468.18	93.45	-618.13	130.18
14559	-9.99	6.17	-2.70	-350.62	-216.75	-1489.07	112.46	-610.44	166.03
14560	-9.78	7.26	-2.70	-359.00	-240.20	-1511.80	130.76	-600.63	201.26
14561	-11.51	3.96	-2.70	-431.40	-211.05	-1524.72	79.76	-657.16	90.68
14562	-11.36	5.07	-2.70	-435.99	-227.13	-1545.54	100.74	-652.36	125.27
14563	-11.16	6.17	-2.70	-441.56	-246.65	-1568.24	121.23	-645.36	159.71
14564	-10.93	7.26	-2.70	-448.35	-269.65	-1592.96	141.07	-636.25	193.84
14565	-12.73	3.96	-2.70	-536.78	-247.44	-1624.41	85.84	-686.68	87.80
14566	-12.55	5.07	-2.70	-540.53	-263.33	-1646.22	108.35	-682.82	120.83
14567	-12.34	6.17	-2.70	-545.00	-282.59	-1670.06	130.48	-676.86	153.92
14568	-12.08	7.26	-2.70	-550.39	-305.25	-1696.02	152.05	-668.83	186.99
14569	-13.94	3.96	-2.70	-658.73	-291.65	-1756.36	92.66	-714.64	85.82
14570	-13.75	5.07	-2.70	-661.80	-307.47	-1778.54	116.94	-711.90	117.50
14571	-13.51	6.17	-2.70	-665.32	-326.64	-1802.74	140.99	-707.21	149.42
14572	-13.23	7.26	-2.70	-669.52	-349.15	-1829.02	164.61	-700.51	181.50
14573	-15.15	3.96	-2.70	-806.08	-347.19	-1934.08	101.11	-744.83	85.41
14574	-14.94	5.08	-2.70	-808.49	-363.08	-1955.92	127.55	-743.20	116.10
14575	-14.69	6.18	-2.70	-810.98	-382.36	-1979.62	153.93	-739.81	147.19
14576	-14.38	7.26	-2.70	-813.87	-404.99	-2005.22	180.11	-734.49	178.50
14577	-16.36	3.96	-2.70	-995.75	-419.92	-2177.28	112.63	-783.03	87.55
14578	-16.14	5.08	-2.70	-997.11	-436.01	-2198.51	141.92	-782.19	117.86
14579	-15.86	6.18	-2.70	-997.94	-455.51	-2221.36	171.19	-779.76	148.71
14580	-15.53	7.26	-2.70	-998.65	-478.46	-2245.86	200.47	-775.60	179.91
14581	-17.57	3.96	-2.70	-1259.91	-529.50	-2588.02	127.66	-833.15	93.71
14582	-17.33	5.08	-2.70	-1259.15	-545.08	-2605.24	160.55	-834.14	125.13
14583	-17.04	6.18	-2.70	-1256.90	-563.70	-2622.36	193.36	-834.08	157.61
14584	-16.68	7.26	-2.70	-1253.22	-585.52	-2639.55	226.21	-832.89	191.08
14585	-18.78	3.96	-2.70	-1707.92	-657.01	-2904.38	164.74	-1133.24	158.08
14586	-18.53	5.08	-2.70	-1699.43	-671.38	-2907.82	206.55	-1132.97	206.88
14587	-18.21	6.18	-2.70	-1686.75	-688.15	-2907.64	247.94	-1130.54	256.85
14588	-17.83	7.26	-2.70	-1669.81	-707.45	-2903.92	288.87	-1126.17	308.28
14589	-0.61	3.95	-4.10	171.05	-22.14	-988.44	17.53	-169.34	80.17
14590	-0.60	5.05	-4.10	160.29	-36.95	-998.36	22.57	-167.68	117.00
14591	-0.59	6.15	-4.10	146.59	-55.36	-1008.28	27.74	-165.62	152.77
14592	-0.58	7.25	-4.10	129.90	-77.26	-1018.94	33.08	-163.22	186.97
14593	-1.82	3.95	-4.10	159.48	-24.73	-1033.67	23.08	-217.05	80.44
14594	-1.79	5.05	-4.10	148.60	-39.74	-1043.66	29.58	-214.86	117.20
14595	-1.76	6.15	-4.10	134.79	-58.34	-1053.66	36.10	-211.97	152.89
14596	-1.73	7.25	-4.10	118.02	-80.40	-1064.41	42.62	-208.47	186.99
14597	-3.03	3.95	-4.10	137.76	-29.58	-1076.63	28.82	-265.77	80.24
14598	-2.99	5.06	-4.10	127.04	-44.69	-1087.09	36.82	-262.93	116.67
14599	-2.94	6.16	-4.10	113.50	-63.33	-1097.68	44.69	-259.10	152.04
14600	-2.88	7.25	-4.10	97.08	-85.37	-1109.11	52.38	-254.37	185.84
14601	-4.24	3.95	-4.10	105.93	-36.77	-1117.94	34.65	-314.04	79.53
14602	-4.18	5.06	-4.10	95.69	-51.85	-1129.28	44.13	-310.52	115.39
14603	-4.11	6.16	-4.10	82.78	-70.40	-1140.96	53.34	-305.72	150.20
14604	-4.03	7.25	-4.10	67.15	-92.24	-1153.64	62.21	-299.73	183.52
14605	-5.45	3.95	-4.10	64.35	-46.39	-1158.96	40.43	-360.46	78.29
14606	-5.38	5.06	-4.10	54.88	-61.33	-1171.55	51.35	-356.29	113.32
14607	-5.29	6.16	-4.10	42.96	-79.62	-1184.76	61.87	-350.57	147.37
14608	-5.18	7.25	-4.10	28.55	-101.08	-1199.18	71.88	-343.41	180.01
14609	-6.67	3.95	-4.10	13.63	-58.53	-1201.79	46.04	-403.70	76.49
14610	-6.58	5.06	-4.10	5.18	-73.20	-1215.90	58.32	-398.99	110.47
14611	-6.46	6.16	-4.10	-5.43	-91.08	-1230.96	70.08	-392.51	143.56
14612	-6.33	7.26	-4.10	-18.27	-111.99	-1247.46	81.20	-384.37	175.36
14613	-7.88	3.96	-4.10	-45.41	-73.30	-1249.22	51.32	-442.66	74.17
14614	-7.77	5.06	-4.10	-52.66	-87.57	-1265.01	64.86	-437.57	106.90
14615	-7.64	6.16	-4.10	-61.72	-104.90	-1282.06	77.79	-430.55	138.84
14616	-7.48	7.26	-4.10	-72.69	-125.08	-1300.78	89.94	-421.70	169.66
14617	-9.09	3.96	-4.10	-111.87	-90.82	-1304.69	56.16	-476.49	71.39
14618	-8.97	5.07	-4.10	-117.78	-104.57	-1322.13	70.82	-471.25	102.68
14619	-8.81	6.17	-4.10	-125.13	-121.18	-1341.13	84.80	-463.95	133.35
14620	-8.63	7.26	-4.10	-134.04	-140.46	-1361.99	97.91	-454.73	163.07
14621	-10.30	3.96	-4.10	-184.78	-111.25	-1372.21	60.42	-504.71	68.24
14622	-10.16	5.07	-4.10	-189.30	-124.34	-1391.10	76.05	-499.55	97.97
14623	-9.99	6.17	-4.10	-194.86	-140.08	-1411.79	90.95	-492.28	127.24
14624	-9.78	7.26	-4.10	-201.60	-158.26	-1434.47	104.93	-483.03	155.80
14625	-11.51	3.96	-4.10	-263.26	-134.78	-1456.45	63.98	-527.19	64.89
14626	-11.36	5.07	-4.10	-266.37	-147.08	-1476.41	80.39	-522.37	92.98
14627	-11.16	6.17	-4.10	-270.11	-161.76	-1498.31	96.06	-515.43	120.79
14628	-10.93	7.26	-4.10	-274.62	-178.62	-1522.24	110.77	-506.51	148.14
14629	-12.73	3.96	-4.10	-346.38	-161.62	-1562.90	66.65	-544.34	61.61
14630	-12.55	5.07	-4.10	-348.06	-172.94	-1583.38	83.60	-540.10	88.06
14631	-12.34	6.17	-4.10	-349.94	-186.34	-1605.79	99.82	-533.83	114.41
14632	-12.08	7.26	-4.10	-352.14	-201.59	-1630.15	115.06	-525.59	140.58
14633	-13.94	3.96	-4.10	-432.71	-191.91	-1698.49	68.08	-557.38	58.88
14634	-13.75	5.07	-4.10	-432.88	-201.97	-1718.74	85.20	-554.04	83.86
14635	-13.51	6.17	-4.10	-432.77	-213.72	-1740.74	101.58	-548.83	108.95
14636	-13.23	7.26	-4.10	-432.47	-226.91	-1764.42	116.99	-541.77	134.12
14637	-15.15	3.96	-4.10	-518.47	-225.27	-1871.90	67.37	-569.99	57.81
14638	-14.94	5.08	-4.10	-516.95	-233.53	-1890.91	84.00	-567.99	81.92
14639	-14.69	6.18	-4.10	-514.58	-242.96	-1911.21	99.87	-564.46	106.45
14640	-14.38	7.26	-4.10	-511.43	-253.28	-1932.62	114.76	-559.44	131.38
14641	-16.36	3.96	-4.10	-592.56	-260.12	-2098.04	62.25	-594.04	61.67
14642	-16.14	5.08	-4.10	-589.13	-265.51	-2113.56	77.10	-594.37	86.62
14643	-15.86	6.18	-4.10	-584.29	-271.27	-2129.13	91.26	-593.80	112.62
14644	-15.53	7.26	-4.10	-578.07	-277.07	-2144.47	104.46	-592.43	139.73
14645	-17.57	3.96	-4.10	-619.20	-282.26	-2343.71	48.34	-695.97	85.26
14646	-17.33	5.08	-4.10	-615.06	-283.04	-2349.78	59.36	-698.55	116.80
14647	-17.04	6.18	-4.10	-609.36	-283.23	-2353.30	70.22	-700.50	150.03
14648	-16.68	7.26	-4.10	-602.19	-282.45	-2353.79	80.70	-701.82	185.23
14649	-18.78	3.96	-4.10	-597.32	-255.72	-2354.31	36.90	-984.14	150.22
14650	-18.53	5.08	-4.10	-594.51	-253.62	-2351.66	45.27	-980.23	197.92
14651	-18.21	6.18	-4.10	-590.53	-250.87	-2344.93	54.13	-973.48	246.36
14652	-17.83	7.26	-4.10	-585.29	-247.29	-2333.86	63.60	-963.91	295.53

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
14653	-0.61	3.95	-5.50	340.15	38.34	-898.27	7.19	-153.78	58.71
14654	-0.60	5.05	-5.50	328.74	26.20	-908.82	9.41	-151.70	89.58
14655	-0.59	6.15	-5.50	314.27	11.19	-920.08	11.82	-149.13	119.63
14656	-0.58	7.25	-5.50	296.78	-6.51	-932.76	14.45	-146.13	148.45
14657	-1.82	3.95	-5.50	323.77	38.33	-941.87	12.76	-188.94	58.56
14658	-1.79	5.05	-5.50	312.60	26.03	-952.60	16.41	-186.59	89.31
14659	-1.76	6.15	-5.50	298.47	10.85	-964.05	20.08	-183.55	119.23
14660	-1.73	7.25	-5.50	281.41	-6.99	-976.90	23.77	-179.88	147.94
14661	-3.03	3.95	-5.50	299.20	36.35	-984.91	18.33	-225.04	58.13
14662	-2.99	5.06	-5.50	288.52	24.01	-996.16	23.39	-222.33	88.57
14663	-2.94	6.16	-5.50	275.03	8.83	-1008.22	28.30	-218.73	118.20
14664	-2.88	7.25	-5.50	258.76	-8.94	-1021.73	33.02	-214.32	146.68
14665	-4.24	3.95	-5.50	266.57	32.35	-1028.02	23.77	-261.03	57.40
14666	-4.18	5.06	-5.50	256.64	20.11	-1040.13	30.19	-257.93	87.36
14667	-4.11	6.16	-5.50	244.12	5.13	-1053.22	36.29	-253.75	116.56
14668	-4.03	7.25	-5.50	229.02	-12.33	-1067.86	41.98	-248.58	144.70
14669	-5.45	3.95	-5.50	226.32	26.31	-1072.50	28.94	-295.91	56.38
14670	-5.38	5.06	-5.50	217.41	14.33	-1085.76	36.62	-292.44	85.69
14671	-5.29	6.16	-5.50	206.18	-0.26	-1100.21	43.83	-287.71	114.33
14672	-5.18	7.25	-5.50	192.64	-17.15	-1116.38	50.44	-281.81	142.01
14673	-6.67	3.95	-5.50	179.22	18.25	-1120.24	33.68	-328.73	55.09
14674	-6.58	5.06	-5.50	171.57	6.69	-1134.87	42.49	-324.98	83.61
14675	-6.46	6.16	-5.50	161.93	-7.28	-1150.92	50.68	-319.80	111.56
14676	-6.33	7.26	-5.50	150.31	-23.37	-1168.84	58.10	-313.30	138.67
14677	-7.88	3.96	-5.50	126.39	8.21	-1173.76	37.80	-358.75	53.58
14678	-7.77	5.06	-5.50	120.19	-2.73	-1189.82	47.56	-354.83	81.18
14679	-7.64	6.16	-5.50	112.40	-15.87	-1207.53	56.56	-349.36	108.34
14680	-7.48	7.26	-5.50	103.00	-30.88	-1227.24	64.65	-342.47	134.83
14681	-9.09	3.96	-5.50	69.28	-3.69	-1236.06	41.08	-385.46	51.93
14682	-8.97	5.07	-5.50	64.69	-13.81	-1253.46	51.55	-381.53	78.54
14683	-8.81	6.17	-5.50	58.95	-25.86	-1272.71	61.16	-375.99	104.85
14684	-8.63	7.26	-5.50	52.00	-39.51	-1294.03	69.73	-368.98	130.71
14685	-10.30	3.96	-5.50	9.78	-17.24	-1310.60	43.27	-408.73	50.32
14686	-10.16	5.07	-5.50	6.91	-26.30	-1329.09	54.15	-405.01	75.91
14687	-9.99	6.17	-5.50	3.34	-36.99	-1349.50	64.10	-399.67	101.41
14688	-9.78	7.26	-5.50	-0.99	-48.95	-1371.96	72.90	-392.87	126.69
14689	-11.51	3.96	-5.50	-49.62	-32.06	-1401.20	44.02	-429.07	49.05
14690	-11.36	5.07	-5.50	-50.72	-39.80	-1420.27	54.94	-425.82	73.72
14691	-11.16	6.17	-5.50	-52.05	-48.79	-1441.22	64.88	-421.02	98.51
14692	-10.93	7.26	-5.50	-53.68	-58.66	-1464.03	73.61	-414.82	123.43
14693	-12.73	3.96	-5.50	-105.40	-47.46	-1511.79	42.88	-448.13	48.71
14694	-12.55	5.07	-5.50	-104.75	-53.55	-1530.67	53.34	-445.71	72.74
14695	-12.34	6.17	-5.50	-103.84	-60.46	-1551.17	62.82	-441.89	97.16
14696	-12.08	7.26	-5.50	-102.77	-67.80	-1573.13	71.10	-436.79	122.08
14697	-13.94	3.96	-5.50	-152.26	-62.14	-1645.68	39.18	-470.09	50.45
14698	-13.75	5.07	-5.50	-149.98	-66.16	-1663.19	48.52	-468.97	74.52
14699	-13.51	6.17	-5.50	-147.01	-70.49	-1681.75	56.93	-466.74	99.32
14700	-13.23	7.26	-5.50	-143.43	-74.82	-1701.04	64.25	-463.45	124.99
14701	-15.15	3.96	-5.50	-182.01	-73.61	-1803.22	32.05	-504.99	56.73
14702	-14.94	5.08	-5.50	-178.57	-75.08	-1817.44	39.46	-505.69	82.25
14703	-14.69	6.18	-5.50	-174.15	-76.27	-1831.59	46.12	-505.68	108.94
14704	-14.38	7.26	-5.50	-168.79	-76.98	-1845.25	51.88	-505.01	136.94
14705	-16.36	3.96	-5.50	-183.60	-76.39	-1967.61	21.09	-577.90	72.86
14706	-16.14	5.08	-5.50	-180.32	-74.98	-1975.32	25.89	-580.21	102.56
14707	-15.86	6.18	-5.50	-176.17	-72.78	-1981.13	30.40	-582.00	133.83
14708	-15.53	7.26	-5.50	-171.14	-69.70	-1984.57	34.53	-583.29	166.83
14709	-17.57	3.96	-5.50	-164.24	-61.90	-2067.27	11.25	-726.12	105.67
14710	-17.33	5.08	-5.50	-163.16	-58.66	-2066.32	14.22	-726.63	143.36
14711	-17.04	6.18	-5.50	-161.71	-54.58	-2061.55	17.66	-725.81	182.34
14712	-16.68	7.26	-5.50	-159.85	-49.77	-2052.59	21.58	-723.56	222.64
14713	-18.78	3.96	-5.50	-182.38	-27.49	-1978.78	17.00	-933.00	149.46
14714	-18.53	5.08	-5.50	-182.07	-26.01	-1974.39	21.91	-926.33	196.67
14715	-18.21	6.18	-5.50	-181.38	-24.31	-1966.03	27.50	-916.39	243.87
14716	-17.83	7.26	-5.50	-180.35	-22.57	-1953.46	33.77	-903.30	291.07
14717	-0.61	3.95	-6.90	535.59	115.06	-828.30	-4.59	-135.74	40.48
14718	-0.60	5.05	-6.90	523.81	105.95	-839.07	-5.53	-133.53	66.20
14719	-0.59	6.15	-6.90	508.87	94.58	-851.02	-6.23	-130.83	91.49
14720	-0.58	7.25	-6.90	490.88	81.25	-864.82	-6.65	-127.67	116.12
14721	-1.82	3.95	-6.90	514.95	118.10	-870.55	0.97	-160.57	40.16
14722	-1.79	5.05	-6.90	503.73	108.81	-881.55	1.45	-158.36	65.77
14723	-1.76	6.15	-6.90	489.52	97.26	-893.73	1.98	-155.55	90.97
14724	-1.73	7.25	-6.90	472.41	83.75	-907.69	2.55	-152.17	115.48
14725	-3.03	3.95	-6.90	487.99	119.44	-913.36	6.35	-186.39	39.78
14726	-2.99	5.06	-6.90	477.55	110.11	-924.86	8.21	-184.13	65.18
14727	-2.94	6.16	-6.90	464.30	98.56	-937.63	9.93	-181.17	90.21
14728	-2.88	7.25	-6.90	448.35	85.12	-952.15	11.43	-177.57	114.61
14729	-4.24	3.95	-6.90	454.90	119.07	-957.37	11.45	-212.59	39.38
14730	-4.18	5.06	-6.90	445.44	109.85	-969.66	14.59	-210.27	64.49
14731	-4.11	6.16	-6.90	433.43	98.52	-983.32	17.40	-207.15	89.31
14732	-4.03	7.25	-6.90	418.96	85.41	-998.80	19.78	-203.32	113.61
14733	-5.45	3.95	-6.90	416.18	117.01	-1003.77	16.11	-238.60	39.01
14734	-5.38	5.06	-6.90	407.92	108.10	-1017.06	20.39	-236.25	63.77
14735	-5.29	6.16	-6.90	397.43	97.20	-1031.89	24.19	-233.00	88.34
14736	-5.18	7.25	-6.90	384.78	84.70	-1048.61	27.35	-228.97	112.55
14737	-6.67	3.95	-6.90	372.69	113.37	-1054.25	20.15	-263.98	38.75
14738	-6.58	5.06	-6.90	365.85	104.94	-1068.69	25.41	-261.66	63.11
14739	-6.46	6.16	-6.90	357.14	94.72	-1084.82	30.02	-258.38	87.42
14740	-6.33	7.26	-6.90	346.63	83.10	-1102.91	33.82	-254.24	111.55
14741	-7.88	3.96	-6.90	325.70	108.29	-1110.99	23.36	-288.51	38.70
14742	-7.77	5.06	-6.90	320.46	100.56	-1126.58	29.38	-286.32	62.66
14743	-7.64	6.16	-6.90	313.77	91.27	-1143.97	34.60	-283.13	86.75
14744	-7.48	7.26	-6.90	305.66	80.83	-1163.35	38.87	-279.06	110.86
14745	-9.09	3.96	-6.90	276.94	102.04	-1176.48	25.51	-312.30	39.04
14746	-8.97	5.07	-6.90	273.44	95.25	-1193.05	32.00	-310.39	62.68
14747	-8.81	6.17	-6.90	268.94	87.16	-1211.45	37.59	-307.48	86.62
14748	-8.63	7.26	-6.90	263.42	78.20	-1231.76	42.11	-303.69	110.84
14749	-10.30	3.96	-6.90	228.71	95.05	-1253.40	26.33	-336.03	40.06
14750	-10.16	5.07	-6.90	227.00	89.44	-1270.54	32.95	-334.57	63.53
14751	-9.99	6.17	-6.90	224.75	82.85	-1289.42	38.60	-332.16	87.52

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
14752	-9.78	7.26	-6.90	221.90	75.69	-1309.97	43.12	-328.92	112.08
14753	-11.51	3.96	-6.90	183.93	87.97	-1344.14	25.51	-361.27	42.24
14754	-11.36	5.07	-6.90	183.98	83.80	-1361.17	31.86	-360.49	65.85
14755	-11.16	6.17	-6.90	183.90	79.01	-1379.64	37.24	-358.84	90.22
14756	-10.93	7.26	-6.90	183.63	73.96	-1399.33	41.50	-356.45	115.48
14757	-12.73	3.96	-6.90	146.32	81.83	-1450.05	22.75	-391.17	46.38
14758	-12.55	5.07	-6.90	147.89	79.34	-1465.91	28.39	-391.31	70.68
14759	-12.34	6.17	-6.90	149.70	76.60	-1482.63	33.15	-390.72	95.97
14760	-12.08	7.26	-6.90	151.66	73.91	-1499.86	36.91	-389.45	122.47
14761	-13.94	3.96	-6.90	120.05	78.17	-1569.49	17.90	-431.67	53.83
14762	-13.75	5.07	-6.90	122.63	77.55	-1582.65	22.42	-432.89	79.72
14763	-13.51	6.17	-6.90	125.68	77.01	-1595.74	26.25	-433.53	106.83
14764	-13.23	7.26	-6.90	129.12	76.73	-1608.29	29.34	-433.54	135.35
14765	-15.15	3.96	-6.90	108.33	79.32	-1692.98	11.42	-493.09	66.64
14766	-14.94	5.08	-6.90	110.98	80.51	-1701.42	14.61	-495.08	95.48
14767	-14.69	6.18	-6.90	114.09	82.03	-1708.46	17.45	-496.52	125.70
14768	-14.38	7.26	-6.90	117.63	83.92	-1713.61	19.96	-497.30	157.36
14769	-16.36	3.96	-6.90	107.33	88.12	-1793.92	5.57	-588.39	86.93
14770	-16.14	5.08	-6.90	108.85	90.49	-1795.97	7.85	-589.59	120.35
14771	-15.86	6.18	-6.90	110.61	93.21	-1795.12	10.28	-589.79	154.96
14772	-15.53	7.26	-6.90	112.64	96.18	-1791.00	12.89	-588.91	190.78
14773	-17.57	3.96	-6.90	98.12	106.14	-1825.57	5.41	-718.38	113.67
14774	-17.33	5.08	-6.90	98.43	108.18	-1822.08	8.23	-715.94	152.64
14775	-17.04	6.18	-6.90	98.86	110.24	-1814.71	11.56	-711.47	192.13
14776	-16.68	7.26	-6.90	99.46	112.17	-1803.33	15.40	-704.88	231.98
14777	-18.78	3.96	-6.90	56.64	132.47	-1742.63	15.53	-852.25	139.28
14778	-18.53	5.08	-6.90	58.04	132.24	-1738.39	20.98	-844.65	182.93
14779	-18.21	6.18	-6.90	59.95	131.48	-1730.60	26.71	-833.79	226.23
14780	-17.83	7.26	-6.90	62.27	130.09	-1719.25	32.68	-819.84	268.94
14781	-0.61	3.95	-8.30	754.03	206.98	-775.34	-17.36	-116.20	25.76
14782	-0.60	5.05	-8.30	742.05	200.93	-785.72	-21.69	-114.10	46.93
14783	-0.59	6.15	-8.30	726.77	193.02	-797.49	-25.69	-111.57	68.16
14784	-0.58	7.25	-8.30	708.35	183.59	-811.28	-29.35	-108.63	89.40
14785	-1.82	3.95	-8.30	729.53	213.38	-816.33	-11.79	-132.72	25.44
14786	-1.79	5.05	-8.30	718.39	207.07	-826.90	-14.63	-130.87	46.55
14787	-1.76	6.15	-8.30	704.16	198.91	-838.88	-17.35	-128.56	67.77
14788	-1.73	7.25	-8.30	686.97	189.25	-852.86	-19.98	-125.84	88.94
14789	-3.03	3.95	-8.30	700.42	218.30	-858.42	-6.49	-150.35	25.29
14790	-2.99	5.06	-8.30	690.25	211.88	-869.41	-7.92	-148.74	46.34
14791	-2.94	6.16	-8.30	677.22	203.63	-881.86	-9.42	-146.66	67.56
14792	-2.88	7.25	-8.30	661.44	193.96	-896.30	-11.07	-144.20	88.77
14793	-4.24	3.95	-8.30	666.83	221.74	-902.21	-1.58	-168.88	25.41
14794	-4.18	5.06	-8.30	657.78	215.36	-913.83	-1.71	-167.52	46.39
14795	-4.11	6.16	-8.30	646.15	207.22	-926.98	-2.08	-165.69	67.65
14796	-4.03	7.25	-8.30	632.03	197.75	-942.12	-2.82	-163.50	89.04
14797	-5.45	3.95	-8.30	629.22	223.74	-948.72	2.82	-188.19	25.88
14798	-5.38	5.06	-8.30	621.44	217.56	-961.14	3.86	-187.12	46.83
14799	-5.29	6.16	-8.30	611.42	209.74	-975.15	4.48	-185.58	68.21
14800	-5.18	7.25	-8.30	599.21	200.71	-991.15	4.55	-183.68	89.90
14801	-6.67	3.95	-8.30	588.34	224.39	-999.39	6.56	-208.33	26.83
14802	-6.58	5.06	-8.30	582.01	218.60	-1012.66	8.58	-207.62	47.84
14803	-6.46	6.16	-8.30	573.79	211.31	-1027.58	10.04	-206.43	69.42
14804	-6.33	7.26	-8.30	563.74	202.97	-1044.43	10.80	-204.90	91.53
14805	-7.88	3.96	-8.30	545.32	223.88	-1055.93	9.46	-229.63	28.45
14806	-7.77	5.06	-8.30	540.58	218.66	-1070.00	12.25	-229.36	49.63
14807	-7.64	6.16	-8.30	534.34	212.13	-1085.71	14.36	-228.63	71.56
14808	-7.48	7.26	-8.30	526.63	204.71	-1103.20	15.65	-227.57	94.24
14809	-9.09	3.96	-8.30	501.72	222.49	-1120.23	11.34	-252.85	30.98
14810	-8.97	5.07	-8.30	498.63	218.04	-1134.84	14.65	-253.10	52.53
14811	-8.81	6.17	-8.30	494.46	212.49	-1150.97	17.20	-252.93	74.99
14812	-8.63	7.26	-8.30	489.20	206.24	-1168.62	18.84	-252.46	98.44
14813	-10.30	3.96	-8.30	459.46	220.64	-1193.97	12.03	-279.32	34.76
14814	-10.16	5.07	-8.30	458.02	217.16	-1208.61	15.57	-280.17	56.95
14815	-9.99	6.17	-8.30	455.89	212.80	-1224.51	18.32	-280.65	80.23
14816	-9.78	7.26	-8.30	453.03	207.93	-1241.50	20.16	-280.85	104.74
14817	-11.51	3.96	-8.30	420.81	218.94	-1278.05	11.40	-311.24	40.27
14818	-11.36	5.07	-8.30	420.85	216.59	-1291.93	14.90	-312.73	63.51
14819	-11.16	6.17	-8.30	420.56	213.60	-1306.58	17.64	-313.89	87.99
14820	-10.93	7.26	-8.30	419.85	210.25	-1321.70	19.54	-314.74	113.91
14821	-12.73	3.96	-8.30	388.01	218.26	-1371.50	9.49	-351.96	48.18
14822	-12.55	5.07	-8.30	389.18	217.12	-1383.49	12.70	-354.03	73.03
14823	-12.34	6.17	-8.30	390.28	215.54	-1395.53	15.30	-355.75	99.20
14824	-12.08	7.26	-8.30	391.23	213.71	-1407.17	17.22	-357.05	126.90
14825	-13.94	3.96	-8.30	362.40	219.68	-1469.47	6.69	-406.16	59.30
14826	-13.75	5.07	-8.30	364.12	219.68	-1478.20	9.53	-408.46	86.48
14827	-13.51	6.17	-8.30	365.91	219.37	-1485.99	11.97	-410.30	114.96
14828	-13.23	7.26	-8.30	367.70	218.81	-1492.36	14.03	-411.50	144.84
14829	-15.15	3.96	-8.30	342.40	224.44	-1560.35	4.13	-478.86	74.30
14830	-14.94	5.08	-8.30	343.98	225.23	-1564.56	6.78	-480.49	104.57
14831	-14.69	6.18	-8.30	345.64	225.71	-1566.70	9.34	-481.35	135.95
14832	-14.38	7.26	-8.30	347.35	225.83	-1566.38	11.84	-481.24	168.40
14833	-16.36	3.96	-8.30	321.12	233.43	-1624.08	3.89	-571.34	92.76
14834	-16.14	5.08	-8.30	322.22	234.29	-1623.45	6.98	-570.82	126.64
14835	-15.86	6.18	-8.30	323.40	234.68	-1619.78	10.24	-568.88	161.17
14836	-15.53	7.26	-8.30	324.68	234.50	-1612.86	13.68	-565.40	196.25
14837	-17.57	3.96	-8.30	287.37	246.75	-1636.08	8.41	-674.84	112.11
14838	-17.33	5.08	-8.30	288.66	246.67	-1632.18	12.92	-670.77	149.41
14839	-17.04	6.18	-8.30	290.21	245.83	-1624.81	17.65	-664.41	186.72
14840	-16.68	7.26	-8.30	292.04	244.15	-1613.93	22.54	-655.75	223.85
14841	-18.78	3.96	-8.30	232.25	263.67	-1578.17	18.77	-767.46	127.48
14842	-18.53	5.08	-8.30	235.34	261.70	-1574.35	25.79	-759.91	167.00
14843	-18.21	6.18	-8.30	239.20	258.60	-1567.43	32.72	-749.32	206.00
14844	-17.83	7.26	-8.30	243.71	254.39	-1557.43	39.46	-735.85	244.24
14845	-19.82	3.96	-2.70	-2105.89	-558.81	-1602.93	242.71	-1498.08	262.64
14846	-19.56	5.08	-2.70	-2082.67	-578.18	-1600.13	301.30	-1481.09	337.42
14847	-19.24	6.18	-2.70	-2051.53	-600.75	-1594.80	358.09	-1457.94	410.76
14848	-18.86	7.26	-2.70	-2012.76	-626.23	-1586.44	412.67	-1428.75	482.63
14849	-20.67	3.96	-2.70	-758.89	-112.26	-82.74	87.33	-347.12	54.42
14850	-20.42	5.08	-2.70	-755.44	-118.75	-83.91	104.31	-345.17	70.43

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
14851	-20.12	6.18	-2.70	-750.87	-126.15	-85.62	121.23	-342.56	86.57
14852	-19.75	7.26	-2.70	-744.79	-134.25	-87.60	138.11	-338.69	102.84
14853	-21.53	3.96	-2.70	-229.82	1.68	-68.84	22.16	-120.78	14.89
14854	-21.29	5.08	-2.70	-231.87	0.52	-68.86	22.32	-120.65	18.82
14855	-20.99	6.18	-2.70	-234.64	-0.78	-68.88	22.74	-120.34	22.75
14856	-20.64	7.26	-2.70	-238.09	-2.28	-69.20	23.55	-119.97	26.62
14857	-22.38	3.96	-2.70	-34.02	67.48	-28.10	7.85	-18.77	-1.21
14858	-22.15	5.07	-2.70	-35.64	66.30	-28.16	5.53	-19.37	-2.33
14859	-21.87	6.18	-2.70	-37.99	64.72	-28.24	3.08	-20.12	-3.51
14860	-21.53	7.26	-2.70	-41.05	62.59	-28.47	0.62	-20.88	-4.84
14861	-23.24	3.96	-2.70	5.25	97.78	4.22	11.61	20.71	-6.60
14862	-23.02	5.07	-2.70	5.49	94.93	4.12	12.57	19.84	-10.06
14863	-22.75	6.17	-2.70	5.65	91.21	3.98	13.10	18.68	-13.50
14864	-22.42	7.26	-2.70	5.55	86.59	3.68	13.09	17.17	-17.00
14865	-19.82	3.96	-4.10	-711.22	-160.32	-1667.34	75.76	-1277.63	217.32
14866	-19.56	5.08	-4.10	-705.73	-164.60	-1665.13	94.45	-1264.26	279.97
14867	-19.24	6.18	-4.10	-698.27	-170.32	-1660.73	113.03	-1245.66	342.00
14868	-18.86	7.26	-4.10	-688.72	-177.59	-1654.06	131.58	-1222.09	402.60
14869	-20.67	3.96	-4.10	-803.26	-41.78	-720.86	119.77	-945.49	154.16
14870	-20.42	5.08	-4.10	-792.29	-53.04	-720.98	148.93	-937.38	197.01
14871	-20.12	6.18	-4.10	-777.99	-67.31	-721.05	176.89	-926.04	239.76
14872	-19.75	7.26	-4.10	-760.67	-84.41	-721.03	203.35	-911.53	281.69
14873	-21.53	3.96	-4.10	-441.05	83.60	-263.14	78.78	-430.91	60.51
14874	-21.29	5.08	-4.10	-435.20	75.69	-263.36	96.96	-429.16	75.78
14875	-20.99	6.18	-4.10	-427.72	65.63	-263.91	114.36	-426.44	91.30
14876	-20.64	7.26	-4.10	-418.58	53.66	-264.98	130.93	-422.74	106.88
14877	-22.38	3.96	-4.10	-181.41	147.49	-157.98	47.48	-165.86	16.31
14878	-22.15	5.07	-4.10	-178.27	142.18	-157.94	57.90	-166.37	17.91
14879	-21.87	6.18	-4.10	-174.41	135.30	-157.95	67.70	-166.75	19.71
14880	-21.53	7.26	-4.10	-169.72	127.22	-158.22	76.80	-166.88	21.64
14881	-23.24	3.96	-4.10	-36.72	197.34	-26.59	34.18	-23.26	-5.41
14882	-23.02	5.07	-4.10	-34.11	192.55	-26.70	42.25	-24.83	-11.33
14883	-22.75	6.17	-4.10	-30.92	186.36	-26.86	49.77	-26.80	-17.04
14884	-22.42	7.26	-4.10	-27.38	179.04	-27.22	56.67	-29.15	-22.56
14885	-19.82	3.96	-5.50	-296.23	28.62	-1577.95	48.75	-1070.70	177.03
14886	-19.56	5.08	-5.50	-291.75	24.65	-1575.97	61.55	-1059.47	229.09
14887	-19.24	6.18	-5.50	-285.79	19.79	-1571.60	74.22	-1043.96	280.24
14888	-18.86	7.26	-5.50	-278.50	14.06	-1564.66	86.68	-1024.28	330.63
14889	-20.67	3.96	-5.50	-383.74	102.95	-1007.50	78.72	-950.21	150.20
14890	-20.42	5.08	-5.50	-375.73	94.48	-1007.48	98.89	-942.12	192.59
14891	-20.12	6.18	-5.50	-365.26	84.10	-1006.49	118.17	-930.73	234.39
14892	-19.75	7.26	-5.50	-352.55	71.95	-1004.54	136.52	-916.17	275.92
14893	-21.53	3.96	-5.50	-335.63	170.90	-586.62	81.15	-633.47	90.29
14894	-21.29	5.08	-5.50	-327.97	161.88	-586.91	101.61	-630.06	113.79
14895	-20.99	6.18	-5.50	-317.88	150.71	-586.76	121.08	-624.85	137.25
14896	-20.64	7.26	-5.50	-305.50	137.54	-586.34	139.50	-618.02	161.10
14897	-22.38	3.96	-5.50	-170.61	230.84	-362.62	62.02	-325.91	37.27
14898	-22.15	5.07	-5.50	-165.35	223.75	-362.74	77.43	-325.77	43.83
14899	-21.87	6.18	-5.50	-158.50	214.83	-362.22	92.11	-324.90	50.65
14900	-21.53	7.26	-5.50	-149.93	204.47	-361.47	105.88	-323.39	58.15
14901	-23.24	3.96	-5.50	-38.23	284.07	-160.78	48.49	-100.03	1.91
14902	-23.02	5.07	-5.50	-34.13	278.09	-160.96	60.84	-101.79	-3.28
14903	-22.75	6.17	-5.50	-28.90	270.53	-160.31	72.60	-103.74	-8.15
14904	-22.42	7.26	-5.50	-22.79	261.80	-159.29	83.69	-105.93	-12.27
14905	-19.82	3.96	-6.90	-33.05	170.11	-1493.76	37.60	-934.76	152.37
14906	-19.56	5.08	-6.90	-28.41	166.29	-1491.84	48.40	-925.09	197.34
14907	-19.24	6.18	-6.90	-22.48	161.16	-1487.52	58.92	-911.75	241.68
14908	-18.86	7.26	-6.90	-15.48	154.78	-1480.73	69.03	-894.90	285.12
14909	-20.67	3.96	-6.90	-128.54	215.49	-1135.94	61.08	-873.69	135.17
14910	-20.42	5.08	-6.90	-121.24	208.54	-1135.53	77.55	-866.36	173.18
14911	-20.12	6.18	-6.90	-111.80	199.55	-1133.69	93.31	-856.04	210.87
14912	-19.75	7.26	-6.90	-100.58	188.68	-1130.43	108.28	-842.89	248.13
14913	-21.53	3.96	-6.90	-151.04	260.54	-819.00	69.70	-673.19	94.96
14914	-21.29	5.08	-6.90	-143.45	252.69	-819.07	87.87	-669.37	119.45
14915	-20.99	6.18	-6.90	-133.37	242.55	-818.18	105.28	-663.51	144.07
14916	-20.64	7.26	-6.90	-121.18	230.25	-816.55	121.90	-655.95	168.94
14917	-22.38	3.96	-6.90	-98.30	303.00	-595.03	64.69	-421.23	50.33
14918	-22.15	5.07	-6.90	-91.97	295.95	-594.77	80.96	-420.34	59.59
14919	-21.87	6.18	-6.90	-83.37	286.66	-593.15	96.76	-418.04	69.49
14920	-21.53	7.26	-6.90	-72.77	275.62	-590.99	111.92	-414.89	80.20
14921	-23.24	3.96	-6.90	-22.43	346.68	-392.67	56.59	-155.98	8.35
14922	-23.02	5.07	-6.90	-17.44	340.33	-392.28	70.74	-157.69	3.16
14923	-22.75	6.17	-6.90	-10.77	332.16	-389.28	84.70	-158.92	-0.83
14924	-22.42	7.26	-6.90	-2.88	322.62	-385.65	98.33	-160.23	-3.51
14925	-19.82	3.96	-8.30	144.78	285.89	-1424.91	35.71	-819.69	133.06
14926	-19.56	5.08	-8.30	150.49	281.51	-1422.89	46.75	-811.28	172.17
14927	-19.24	6.18	-8.30	157.62	275.51	-1418.56	57.32	-799.70	210.70
14928	-18.86	7.26	-8.30	165.91	268.04	-1411.93	67.27	-785.11	248.43
14929	-20.67	3.96	-8.30	48.12	312.30	-1200.20	53.69	-780.73	119.45
14930	-20.42	5.08	-8.30	55.64	305.88	-1199.39	68.94	-774.31	152.77
14931	-20.12	6.18	-8.30	65.22	297.34	-1196.98	83.52	-765.30	185.83
14932	-19.75	7.26	-8.30	76.44	286.92	-1192.99	97.33	-753.86	218.51
14933	-21.53	3.96	-8.30	-13.43	338.61	-980.40	64.01	-641.44	89.79
14934	-21.29	5.08	-8.30	-5.48	331.43	-980.12	81.17	-637.78	112.61
14935	-20.99	6.18	-8.30	5.07	321.88	-978.70	97.74	-632.22	135.60
14936	-20.64	7.26	-8.30	17.59	310.20	-976.22	113.72	-625.11	158.83
14937	-22.38	3.96	-8.30	-27.78	364.07	-805.42	65.56	-438.10	52.96
14938	-22.15	5.07	-8.30	-20.33	357.31	-804.99	81.92	-436.81	62.42
14939	-21.87	6.18	-8.30	-9.90	348.23	-802.96	98.25	-433.69	72.70
14940	-21.53	7.26	-8.30	2.52	337.35	-800.20	114.27	-429.85	83.96
14941	-23.24	3.96	-8.30	-9.09	387.38	-680.06	61.41	-181.18	11.79
14942	-23.02	5.07	-8.30	-2.86	381.38	-676.84	76.29	-181.45	5.47
14943	-22.75	6.17	-8.30	5.84	374.21	-668.86	91.86	-180.02	1.71
14944	-22.42	7.26	-8.30	15.79	365.49	-660.60	107.47	-178.96	-0.28
14945	0.56	8.10	-2.70	-21.95	-147.38	-1085.27	44.50	-121.11	258.60
14946	1.69	8.10	-2.70	-33.45	-145.89	-1034.52	35.65	-68.66	254.42
14947	2.82	8.10	-2.70	-54.08	-146.28	-983.45	27.92	-20.47	248.78
14948	3.95	8.10	-2.70	-83.12	-148.44	-933.86	21.43	22.61	241.74
14949	5.08	8.10	-2.70	-119.66	-152.30	-888.04	16.21	60.00	233.32



Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
14950	6.21	8.10	-2.70	-162.63	-157.82	-848.74	12.26	91.44	223.51
14951	7.34	8.10	-2.70	-210.76	-165.01	-819.14	9.49	117.11	212.19
14952	8.47	8.10	-2.70	-262.56	-173.90	-802.73	7.72	137.80	199.10
14953	9.60	8.10	-2.70	-316.37	-184.65	-803.14	6.63	155.19	183.72
14954	10.73	8.10	-2.70	-370.48	-197.61	-823.66	5.76	172.41	165.04
14955	11.85	8.10	-2.70	-423.62	-213.34	-866.17	4.66	194.69	141.65
14956	12.98	8.10	-2.70	-476.50	-232.56	-929.42	3.20	229.52	111.42
14957	14.11	8.10	-2.70	-534.03	-256.44	-1007.25	2.49	285.98	72.07
14958	15.24	8.10	-2.70	-607.69	-284.89	-1087.47	8.63	372.59	24.33
14959	16.37	8.10	-2.70	-717.17	-309.54	-1154.50	39.35	493.92	-6.11
14960	17.50	8.10	-2.70	-881.54	-278.20	-1134.85	86.73	665.03	17.10
14961	0.56	8.70	-2.70	-32.34	-164.52	-1091.12	48.10	-121.41	278.73
14962	1.67	8.70	-2.70	-42.72	-162.81	-1041.14	38.64	-69.67	274.30
14963	2.78	8.70	-2.70	-61.97	-162.94	-991.08	30.41	-21.89	268.34
14964	3.89	8.70	-2.70	-89.39	-164.76	-942.58	23.48	21.18	260.91
14965	5.00	8.70	-2.70	-124.16	-168.24	-897.75	17.91	58.99	252.04
14966	6.11	8.70	-2.70	-165.31	-173.34	-859.14	13.71	91.34	241.76
14967	7.22	8.70	-2.70	-211.73	-180.07	-829.67	10.82	118.38	229.98
14968	8.34	8.70	-2.70	-262.20	-188.46	-812.57	9.09	140.85	216.53
14969	9.45	8.70	-2.70	-315.38	-198.64	-811.24	8.20	160.21	200.98
14970	10.56	8.70	-2.70	-370.08	-210.79	-828.86	7.71	179.03	182.37
14971	11.67	8.70	-2.70	-425.69	-225.57	-867.70	6.91	201.81	159.12
14972	12.78	8.70	-2.70	-483.08	-243.18	-927.76	5.66	234.91	129.43
14973	13.89	8.70	-2.70	-547.30	-265.21	-1005.68	4.22	285.21	89.18
14974	15.00	8.70	-2.70	-629.18	-291.76	-1095.75	6.49	361.69	37.57
14975	16.11	8.70	-2.70	-742.15	-322.88	-1184.80	22.94	473.77	-14.88
14976	17.23	8.70	-2.70	-911.62	-303.06	-1187.53	46.42	638.66	-1.28
14977	0.56	8.10	-4.10	118.39	-94.96	-982.18	27.50	-118.72	210.88
14978	1.69	8.10	-4.10	113.57	-94.94	-936.23	18.15	-78.65	208.28
14979	2.82	8.10	-4.10	101.19	-96.48	-891.26	9.55	-41.83	204.42
14980	3.95	8.10	-4.10	81.93	-99.44	-848.77	1.86	-8.85	199.32
14981	5.08	8.10	-4.10	56.73	-103.71	-810.64	-4.89	19.98	192.92
14982	6.21	8.10	-4.10	26.77	-109.16	-779.12	-10.68	44.68	185.15
14983	7.34	8.10	-4.10	-6.63	-115.66	-756.71	-15.51	65.67	175.81
14984	8.47	8.10	-4.10	-41.93	-123.07	-746.03	-19.41	83.95	164.61
14985	9.60	8.10	-4.10	-77.52	-131.18	-749.50	-22.41	101.20	151.02
14986	10.73	8.10	-4.10	-111.92	-139.73	-768.87	-24.45	120.04	134.29
14987	11.85	8.10	-4.10	-144.11	-148.28	-804.48	-25.12	144.19	113.63
14988	12.98	8.10	-4.10	-174.25	-155.99	-854.44	-23.15	178.03	88.50
14989	14.11	8.10	-4.10	-204.01	-160.66	-913.66	-15.39	226.47	60.27
14990	15.24	8.10	-4.10	-236.95	-156.28	-972.38	3.66	293.97	36.98
14991	16.37	8.10	-4.10	-275.40	-133.48	-1007.73	34.83	385.00	35.18
14992	17.50	8.10	-4.10	-320.61	-89.16	-970.75	62.81	498.64	68.58
14993	0.56	8.70	-4.10	106.76	-109.49	-989.95	30.17	-118.04	227.65
14994	1.67	8.70	-4.10	102.63	-109.20	-944.48	20.20	-78.50	224.83
14995	2.78	8.70	-4.10	91.07	-110.46	-900.19	11.16	-41.96	220.71
14996	3.89	8.70	-4.10	72.76	-113.02	-858.41	3.06	-8.99	215.27
14997	5.00	8.70	-4.10	48.58	-116.81	-820.88	-4.05	20.14	208.49
14998	6.11	8.70	-4.10	19.56	-121.71	-789.68	-10.12	45.41	200.29
14999	7.22	8.70	-4.10	-13.12	-127.59	-767.11	-15.15	67.21	190.51
15000	8.34	8.70	-4.10	-48.12	-134.29	-755.64	-19.18	86.38	178.89
15001	9.45	8.70	-4.10	-84.07	-141.59	-757.58	-22.24	104.37	164.99
15002	10.56	8.70	-4.10	-119.73	-149.13	-774.80	-24.34	123.31	148.03
15003	11.67	8.70	-4.10	-154.18	-156.54	-808.07	-25.29	146.46	126.97
15004	12.78	8.70	-4.10	-187.12	-162.75	-856.38	-23.97	177.90	101.56
15005	13.89	8.70	-4.10	-219.48	-166.44	-916.41	-17.93	221.61	71.27
15006	15.00	8.70	-4.10	-252.50	-161.16	-979.38	-1.62	286.45	44.59
15007	16.11	8.70	-4.10	-288.08	-136.04	-1017.51	26.89	377.32	39.76
15008	17.23	8.70	-4.10	-332.15	-88.91	-973.72	53.27	491.04	71.77
15009	0.56	8.10	-5.50	289.36	-22.55	-900.54	6.87	-112.00	169.45
15010	1.69	8.10	-5.50	290.76	-24.42	-858.24	-2.79	-82.26	168.06
15011	2.82	8.10	-5.50	286.15	-27.47	-817.79	-12.00	-54.85	165.68
15012	3.95	8.10	-5.50	276.15	-31.54	-780.42	-20.61	-30.05	162.33
15013	5.08	8.10	-5.50	261.69	-36.46	-747.64	-28.52	-7.91	157.94
15014	6.21	8.10	-5.50	243.88	-42.01	-721.24	-35.66	11.86	152.39
15015	7.34	8.10	-5.50	224.05	-47.97	-703.13	-41.94	29.93	145.55
15016	8.47	8.10	-5.50	203.64	-53.99	-695.21	-47.22	47.46	137.17
15017	9.60	8.10	-5.50	184.19	-59.62	-699.04	-51.33	66.10	127.00
15018	10.73	8.10	-5.50	167.18	-64.21	-715.48	-53.90	88.15	114.72
15019	11.85	8.10	-5.50	153.86	-66.84	-744.10	-54.26	116.61	100.38
15020	12.98	8.10	-5.50	145.04	-66.14	-782.46	-51.24	154.87	84.82
15021	14.11	8.10	-5.50	140.78	-59.64	-824.80	-43.16	206.86	71.06
15022	15.24	8.10	-5.50	139.99	-43.81	-859.28	-30.14	275.89	65.10
15023	16.37	8.10	-5.50	140.45	-17.76	-864.81	-17.72	361.56	71.02
15024	17.50	8.10	-5.50	138.34	17.09	-815.17	-16.03	456.11	82.30
15025	0.56	8.70	-5.50	276.94	-33.85	-909.93	8.28	-110.68	183.80
15026	1.67	8.70	-5.50	278.60	-35.38	-867.92	-1.96	-81.27	182.17
15027	2.78	8.70	-5.50	274.31	-38.09	-827.94	-11.54	-54.00	179.59
15028	3.89	8.70	-5.50	264.70	-41.67	-791.04	-20.49	-29.18	175.98
15029	5.00	8.70	-5.50	250.64	-45.98	-758.63	-28.71	-6.83	171.29
15030	6.11	8.70	-5.50	233.13	-50.83	-732.37	-36.10	13.28	165.43
15031	7.22	8.70	-5.50	213.36	-55.97	-714.02	-42.57	31.76	158.26
15032	8.34	8.70	-5.50	192.67	-61.06	-705.39	-48.01	49.61	149.59
15033	9.45	8.70	-5.50	172.44	-65.64	-708.00	-52.22	68.33	139.23
15034	10.56	8.70	-5.50	154.06	-69.05	-722.78	-54.93	89.86	126.84
15035	11.67	8.70	-5.50	138.92	-70.40	-749.56	-55.60	117.05	112.26
15036	12.78	8.70	-5.50	128.15	-68.40	-786.30	-53.14	153.49	96.71
15037	13.89	8.70	-5.50	122.27	-61.30	-827.66	-46.06	202.87	81.80
15038	15.00	8.70	-5.50	120.34	-44.71	-860.68	-33.66	271.93	75.71
15039	16.11	8.70	-5.50	118.57	-19.16	-862.76	-22.19	356.38	82.63
15040	17.23	8.70	-5.50	112.12	11.62	-809.76	-21.57	446.58	95.32
15041	0.56	8.10	-6.90	487.37	66.48	-835.70	-16.60	-102.16	134.99
15042	1.69	8.10	-6.90	494.46	62.35	-796.06	-26.60	-80.77	134.49
15043	2.82	8.10	-6.90	496.94	57.37	-758.69	-36.46	-60.87	133.37
15044	3.95	8.10	-6.90	495.37	51.71	-724.57	-45.99	-42.51	131.65
15045	5.08	8.10	-6.90	490.53	45.59	-694.86	-55.08	-25.47	129.27
15046	6.21	8.10	-6.90	483.42	39.23	-670.91	-63.63	-9.19	126.15
15047	7.34	8.10	-6.90	475.16	32.93	-654.11	-71.47	7.22	122.21
15048	8.47	8.10	-6.90	467.00	27.08	-645.74	-78.45	25.05	117.33

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
15049	9.60	8.10	-6.90	460.26	22.19	-646.74	-84.33	45.96	111.45
15050	10.73	8.10	-6.90	456.22	18.91	-657.26	-88.81	72.10	104.53
15051	11.85	8.10	-6.90	456.04	18.09	-676.28	-91.49	106.06	96.92
15052	12.98	8.10	-6.90	460.47	20.63	-700.84	-92.11	150.52	89.47
15053	14.11	8.10	-6.90	469.66	27.75	-724.96	-90.73	208.02	83.86
15054	15.24	8.10	-6.90	482.46	40.57	-738.67	-89.34	278.98	81.79
15055	16.37	8.10	-6.90	497.44	58.18	-729.13	-92.11	359.25	80.87
15056	17.50	8.10	-6.90	513.93	79.46	-683.72	-101.74	441.43	74.85
15057	0.56	8.70	-6.90	474.46	58.32	-845.95	-16.71	-100.47	147.88
15058	1.67	8.70	-6.90	481.36	54.60	-806.54	-27.22	-79.22	147.12
15059	2.78	8.70	-6.90	483.70	50.03	-769.51	-37.40	-59.32	145.83
15060	3.89	8.70	-6.90	482.02	44.96	-735.72	-47.23	-40.85	143.93
15061	5.00	8.70	-6.90	477.06	39.55	-706.26	-56.61	-23.60	141.36
15062	6.11	8.70	-6.90	469.72	34.01	-682.36	-65.40	-7.08	138.07
15063	7.22	8.70	-6.90	461.03	28.64	-665.31	-73.44	9.52	133.97
15064	8.34	8.70	-6.90	452.16	23.84	-656.31	-80.59	27.38	128.99
15065	9.45	8.70	-6.90	444.33	20.09	-656.22	-86.64	48.06	123.14
15066	10.56	8.70	-6.90	438.74	17.97	-665.23	-91.35	73.41	116.35
15067	11.67	8.70	-6.90	436.66	18.27	-682.33	-94.42	106.04	108.74
15068	12.78	8.70	-6.90	438.93	21.80	-704.65	-95.59	148.91	101.59
15069	13.89	8.70	-6.90	445.41	29.07	-726.25	-95.12	204.00	95.43
15070	15.00	8.70	-6.90	454.87	41.76	-736.85	-94.49	274.00	93.75
15071	16.11	8.70	-6.90	465.13	58.19	-724.48	-98.63	350.94	93.84
15072	17.23	8.70	-6.90	475.93	76.80	-678.86	-110.64	428.46	87.29
15073	0.56	8.10	-8.30	708.45	169.20	-783.72	-42.13	-90.23	106.49
15074	1.69	8.10	-8.30	720.76	162.47	-745.88	-52.70	-75.43	106.62
15075	2.82	8.10	-8.30	729.68	155.12	-710.38	-63.44	-61.48	106.50
15076	3.95	8.10	-8.30	735.62	147.31	-677.89	-74.16	-48.22	106.21
15077	5.08	8.10	-8.30	739.19	139.22	-649.23	-84.77	-35.19	105.69
15078	6.21	8.10	-8.30	741.13	131.07	-625.33	-95.13	-21.66	104.89
15079	7.34	8.10	-8.30	742.27	123.14	-607.16	-105.13	-6.56	103.76
15080	8.47	8.10	-8.30	743.51	115.78	-595.50	-114.63	11.46	102.26
15081	9.60	8.10	-8.30	745.75	109.39	-590.80	-123.49	34.05	100.36
15082	10.73	8.10	-8.30	749.87	104.44	-592.84	-131.58	63.14	98.00
15083	11.85	8.10	-8.30	756.57	101.53	-600.38	-138.83	100.88	95.29
15084	12.98	8.10	-8.30	766.29	101.05	-610.75	-145.49	149.14	92.37
15085	14.11	8.10	-8.30	779.09	103.46	-619.41	-152.07	209.09	89.34
15086	15.24	8.10	-8.30	794.54	109.45	-620.15	-159.99	279.72	85.69
15087	16.37	8.10	-8.30	813.16	118.37	-606.20	-171.36	356.68	78.09
15088	17.50	8.10	-8.30	837.25	130.14	-571.42	-186.63	434.68	61.96
15089	0.56	8.70	-8.30	695.09	163.47	-793.86	-43.93	-88.45	118.41
15090	1.67	8.70	-8.30	706.79	157.25	-756.22	-54.96	-73.58	118.28
15091	2.78	8.70	-8.30	715.14	150.41	-720.98	-66.03	-59.45	118.03
15092	3.89	8.70	-8.30	720.52	143.26	-688.76	-77.08	-45.96	117.61
15093	5.00	8.70	-8.30	723.50	135.94	-660.30	-88.00	-32.69	117.00
15094	6.11	8.70	-8.30	724.73	128.68	-636.44	-98.65	-18.96	116.14
15095	7.22	8.70	-8.30	724.99	121.73	-618.04	-108.92	-3.77	115.00
15096	8.34	8.70	-8.30	725.10	115.43	-605.82	-118.69	14.14	113.56
15097	9.45	8.70	-8.30	725.89	110.15	-600.15	-127.83	36.29	111.82
15098	10.56	8.70	-8.30	728.15	106.28	-600.77	-136.32	64.37	109.69
15099	11.67	8.70	-8.30	732.65	104.32	-606.39	-144.10	100.53	107.02
15100	12.78	8.70	-8.30	739.75	104.64	-614.35	-151.44	146.87	104.39
15101	13.89	8.70	-8.30	749.06	107.00	-620.36	-159.13	203.75	100.76
15102	15.00	8.70	-8.30	760.35	112.82	-618.27	-168.02	272.29	97.29
15103	16.11	8.70	-8.30	773.47	121.11	-602.12	-181.02	345.14	90.32
15104	17.23	8.70	-8.30	790.22	131.10	-566.90	-199.12	418.62	73.37
15105	18.52	8.10	-2.70	-1082.84	-131.67	-810.40	157.91	824.33	35.54
15106	19.42	8.10	-2.70	-997.02	72.44	-330.21	249.72	732.96	-34.75
15107	20.33	8.10	-2.70	-854.23	251.76	64.03	283.44	715.21	-15.14
15108	21.23	8.10	-2.70	-708.58	468.75	564.37	210.34	850.58	-7.65
15109	22.14	8.10	-2.70	-550.84	543.11	1311.01	10.31	1509.19	288.21
15110	18.24	8.70	-2.70	-1083.72	-162.92	-893.91	4.67	758.56	104.70
15111	19.16	8.70	-2.70	-968.51	28.00	-425.74	1.96	666.31	66.21
15112	20.07	8.70	-2.70	-819.21	198.58	11.42	44.46	663.54	-41.80
15113	20.99	8.70	-2.70	-665.23	458.13	564.11	-13.55	787.57	-175.91
15114	21.91	8.70	-2.70	-456.05	578.19	1304.92	-109.99	1480.21	-497.45
15115	18.52	8.10	-4.10	-385.76	-5.96	-738.15	46.49	613.31	98.46
15116	19.42	8.10	-4.10	-400.58	118.18	-347.23	41.16	620.90	31.67
15117	20.33	8.10	-4.10	-303.35	229.31	44.99	60.77	620.15	-67.49
15118	21.23	8.10	-4.10	-172.74	323.49	488.46	38.08	790.96	-194.98
15119	22.14	8.10	-4.10	-121.92	282.88	1007.39	-15.59	1476.20	172.38
15120	18.24	8.70	-4.10	-390.32	-1.46	-739.64	46.55	593.22	112.66
15121	19.16	8.70	-4.10	-389.44	102.62	-370.03	26.38	597.59	58.74
15122	20.07	8.70	-4.10	-287.25	194.33	7.81	30.78	605.06	-75.72
15123	20.99	8.70	-4.10	-150.24	265.81	463.44	21.83	758.88	-253.40
15124	21.91	8.70	-4.10	-10.93	267.98	1040.22	1.23	1475.78	-656.91
15125	18.52	8.10	-5.50	128.91	65.76	-646.04	-34.51	550.30	77.72
15126	19.42	8.10	-5.50	138.69	129.37	-345.69	-59.30	602.47	10.56
15127	20.33	8.10	-5.50	187.23	198.70	29.23	-60.90	636.54	-111.57
15128	21.23	8.10	-5.50	251.96	302.40	461.54	-33.76	787.12	-309.80
15129	22.14	8.10	-5.50	317.54	377.18	910.73	34.13	1452.23	7.40
15130	18.24	8.70	-5.50	100.88	52.69	-643.69	-46.02	534.60	92.11
15131	19.16	8.70	-5.50	116.84	109.05	-359.16	-79.90	581.35	22.03
15132	20.07	8.70	-5.50	180.97	169.74	-5.65	-99.39	612.56	-126.95
15133	20.99	8.70	-5.50	273.61	230.47	422.43	-91.78	737.77	-345.94
15134	21.91	8.70	-5.50	467.66	371.36	917.37	-111.03	1428.67	-749.47
15135	18.52	8.10	-6.90	539.26	110.35	-562.25	-123.47	523.37	48.67
15136	19.42	8.10	-6.90	592.62	155.30	-337.66	-147.82	578.39	-27.46
15137	20.33	8.10	-6.90	669.47	210.33	-2.20	-147.16	592.84	-154.83
15138	21.23	8.10	-6.90	724.57	341.47	452.88	-83.66	691.53	-374.69
15139	22.14	8.10	-6.90	828.29	483.66	939.06	82.35	1328.74	-104.24
15140	18.24	8.70	-6.90	496.48	104.25	-561.56	-137.40	508.95	60.27
15141	19.16	8.70	-6.90	546.20	141.52	-349.79	-173.25	566.21	-17.91
15142	20.07	8.70	-6.90	631.71	188.58	-38.57	-200.41	585.95	-163.14
15143	20.99	8.70	-6.90	736.07	248.75	394.19	-176.51	654.03	-388.05
15144	21.91	8.70	-6.90	1044.10	528.89	946.29	-221.71	1305.87	-785.59
15145	18.52	8.10	-8.30	881.77	149.25	-489.01	-210.64	516.57	24.30
15146	19.42	8.10	-8.30	975.27	180.66	-335.99	-236.68	579.27	-56.67
15147	20.33	8.10	-8.30	1146.37	224.15	-83.19	-235.24	571.39	-178.90

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
15148	21.23	8.10	-8.30	1359.93	378.45	407.00	-152.15	531.48	-392.63
15149	22.14	8.10	-8.30	1564.40	650.82	1065.44	92.07	1030.84	-196.32
15150	18.24	8.70	-8.30	825.19	148.06	-486.25	-229.38	500.02	33.90
15151	19.16	8.70	-8.30	903.34	173.51	-340.28	-269.19	567.75	-50.44
15152	20.07	8.70	-8.30	1058.81	212.17	-107.79	-307.38	578.49	-187.58
15153	20.99	8.70	-8.30	1307.63	270.78	325.16	-290.69	543.20	-396.39
15154	21.91	8.70	-8.30	1807.86	710.10	1067.54	-404.44	1064.46	-781.20
15155	-17.50	8.10	-2.70	-1653.86	-726.37	-2899.09	321.56	-1121.34	351.49
15156	-16.37	8.10	-2.70	-1250.33	-606.04	-2652.82	252.73	-831.29	218.98
15157	-15.24	8.10	-2.70	-999.43	-499.33	-2266.05	223.34	-771.04	204.63
15158	-14.11	8.10	-2.70	-816.50	-425.48	-2026.29	200.37	-729.03	203.44
15159	-12.98	8.10	-2.70	-673.21	-369.42	-1850.78	182.70	-693.96	206.92
15160	-11.85	8.10	-2.70	-555.23	-325.66	-1717.57	168.54	-661.31	212.98
15161	-10.73	8.10	-2.70	-454.49	-290.24	-1613.50	156.12	-627.89	220.36
15162	-9.60	8.10	-2.70	-366.53	-261.14	-1530.68	144.54	-591.72	228.36
15163	-8.47	8.10	-2.70	-289.23	-236.88	-1463.41	133.28	-551.66	236.35
15164	-7.34	8.10	-2.70	-221.60	-216.47	-1407.15	121.96	-507.22	243.84
15165	-6.21	8.10	-2.70	-163.37	-199.32	-1358.13	110.48	-458.45	250.40
15166	-5.08	8.10	-2.70	-114.67	-185.00	-1313.24	98.86	-405.81	255.71
15167	-3.95	8.10	-2.70	-75.77	-173.19	-1269.99	87.24	-350.16	259.54
15168	-2.82	8.10	-2.70	-46.94	-163.68	-1226.49	75.80	-292.58	261.77
15169	-1.69	8.10	-2.70	-28.38	-156.27	-1181.52	64.76	-234.33	262.33
15170	-0.56	8.10	-2.70	-20.12	-150.84	-1134.46	54.27	-176.73	261.25
15171	-17.23	8.70	-2.70	-1642.98	-740.06	-2890.95	346.99	-1119.21	385.48
15172	-16.11	8.70	-2.70	-1247.66	-620.26	-2662.73	270.66	-828.75	236.62
15173	-15.00	8.70	-2.70	-1000.19	-514.93	-2280.52	239.16	-767.22	222.71
15174	-13.89	8.70	-2.70	-817.89	-441.02	-2041.94	214.16	-723.94	221.19
15175	-12.78	8.70	-2.70	-675.75	-385.06	-1867.09	195.28	-688.36	225.38
15176	-11.67	8.70	-2.70	-559.03	-341.50	-1733.77	180.02	-655.05	231.54
15177	-10.56	8.70	-2.70	-459.24	-306.17	-1628.92	166.41	-621.02	239.12
15178	-9.45	8.70	-2.70	-372.45	-277.46	-1544.92	154.00	-584.45	247.34
15179	-8.34	8.70	-2.70	-296.39	-253.45	-1476.13	141.96	-544.29	255.60
15180	-7.22	8.70	-2.70	-229.96	-233.32	-1418.16	129.92	-500.10	263.37
15181	-6.11	8.70	-2.70	-172.84	-216.43	-1367.42	117.75	-451.91	270.21
15182	-5.00	8.70	-2.70	-125.06	-202.32	-1320.95	105.48	-400.16	275.78
15183	-3.89	8.70	-2.70	-86.82	-190.68	-1276.40	93.23	-345.62	279.83
15184	-2.78	8.70	-2.70	-58.34	-181.25	-1232.00	81.18	-289.29	282.19
15185	-1.67	8.70	-2.70	-39.75	-173.83	-1186.62	69.55	-232.36	282.77
15186	-0.56	8.70	-2.70	-31.15	-168.22	-1139.74	58.51	-176.04	281.59
15187	-17.50	8.10	-4.10	-580.83	-242.67	-2321.57	71.52	-954.83	336.53
15188	-16.37	8.10	-4.10	-595.45	-281.01	-2352.11	88.27	-702.68	215.02
15189	-15.24	8.10	-4.10	-572.27	-281.77	-2156.18	114.06	-590.94	162.09
15190	-14.11	8.10	-4.10	-508.53	-262.11	-1949.89	125.74	-554.55	151.43
15191	-12.98	8.10	-4.10	-432.14	-238.29	-1783.85	128.33	-535.13	154.14
15192	-11.85	8.10	-4.10	-354.07	-214.84	-1650.33	126.27	-518.04	161.09
15193	-10.73	8.10	-4.10	-278.64	-193.31	-1542.16	121.55	-498.40	169.26
15194	-9.60	8.10	-4.10	-207.61	-174.16	-1453.43	115.16	-474.66	177.59
15195	-8.47	8.10	-4.10	-141.98	-157.32	-1379.49	107.52	-446.40	185.56
15196	-7.34	8.10	-4.10	-82.45	-142.72	-1316.55	98.85	-413.74	192.82
15197	-6.21	8.10	-4.10	-29.67	-130.28	-1261.41	89.36	-377.06	199.13
15198	-5.08	8.10	-4.10	15.76	-119.87	-1211.42	79.28	-337.01	204.30
15199	-3.95	8.10	-4.10	53.29	-111.40	-1164.44	68.81	-294.40	208.22
15200	-2.82	8.10	-4.10	82.52	-104.74	-1118.86	58.21	-250.20	210.83
15201	-1.69	8.10	-4.10	103.16	-99.80	-1073.61	47.68	-205.45	212.13
15202	-0.56	8.10	-4.10	115.06	-96.55	-1028.11	37.38	-161.26	212.16
15203	-17.23	8.70	-4.10	-576.66	-239.33	-2309.80	75.90	-947.68	365.76
15204	-16.11	8.70	-4.10	-589.20	-279.53	-2349.46	93.56	-703.23	236.80
15205	-15.00	8.70	-4.10	-567.63	-284.98	-2164.18	120.79	-589.59	178.27
15206	-13.89	8.70	-4.10	-506.01	-268.31	-1962.29	133.11	-550.11	165.95
15207	-12.78	8.70	-4.10	-431.64	-246.56	-1798.29	135.90	-529.66	168.80
15208	-11.67	8.70	-4.10	-355.49	-224.68	-1665.51	133.76	-511.90	175.70
15209	-10.56	8.70	-4.10	-281.72	-204.34	-1557.20	128.69	-491.82	184.07
15210	-9.45	8.70	-4.10	-212.30	-186.21	-1467.82	121.96	-467.85	192.70
15211	-8.34	8.70	-4.10	-148.23	-170.12	-1392.87	113.89	-439.65	201.04
15212	-7.22	8.70	-4.10	-90.15	-156.16	-1328.69	104.75	-407.29	208.66
15213	-6.11	8.70	-4.10	-38.66	-144.23	-1272.24	94.79	-371.16	215.29
15214	-5.00	8.70	-4.10	5.66	-134.23	-1221.01	84.21	-331.85	220.73
15215	-3.89	8.70	-4.10	42.35	-126.07	-1172.97	73.26	-290.12	224.86
15216	-2.78	8.70	-4.10	71.04	-119.61	-1126.62	62.17	-246.88	227.60
15217	-1.67	8.70	-4.10	91.48	-114.74	-1080.96	51.22	-203.08	228.95
15218	-0.56	8.70	-4.10	103.44	-111.34	-1035.50	40.56	-159.75	229.01
15219	-17.50	8.10	-5.50	-179.41	-21.26	-1940.66	39.25	-891.02	328.65
15220	-16.37	8.10	-5.50	-158.06	-45.42	-2042.72	24.95	-720.91	255.97
15221	-15.24	8.10	-5.50	-166.58	-66.68	-1985.51	37.52	-584.02	194.37
15222	-14.11	8.10	-5.50	-164.03	-77.22	-1855.33	55.85	-503.96	160.10
15223	-12.98	8.10	-5.50	-140.31	-78.14	-1716.34	69.25	-460.20	146.08
15224	-11.85	8.10	-5.50	-101.86	-73.73	-1591.04	76.73	-432.13	142.25
15225	-10.73	8.10	-5.50	-55.14	-66.85	-1482.92	79.56	-409.23	143.18
15226	-9.60	8.10	-5.50	-4.84	-59.03	-1390.76	78.93	-386.75	146.42
15227	-8.47	8.10	-5.50	45.84	-51.11	-1312.02	75.63	-362.68	150.64
15228	-7.34	8.10	-5.50	94.68	-43.71	-1244.01	70.26	-336.30	155.07
15229	-6.21	8.10	-5.50	140.04	-37.18	-1184.20	63.29	-307.50	159.25
15230	-5.08	8.10	-5.50	180.68	-31.72	-1130.33	55.12	-276.58	162.88
15231	-3.95	8.10	-5.50	215.70	-27.44	-1080.58	46.09	-244.02	165.80
15232	-2.82	8.10	-5.50	244.43	-24.38	-1033.51	36.52	-210.49	167.94
15233	-1.69	8.10	-5.50	266.42	-22.51	-988.15	26.68	-176.73	169.28
15234	-0.56	8.10	-5.50	281.38	-21.90	-943.92	16.72	-143.63	169.83
15235	-17.23	8.70	-5.50	-178.59	-20.79	-1929.29	43.32	-880.63	355.22
15236	-16.11	8.70	-5.50	-156.21	-42.13	-2033.51	27.46	-718.45	280.23
15237	-15.00	8.70	-5.50	-162.68	-64.25	-1984.75	39.71	-584.40	214.45
15238	-13.89	8.70	-5.50	-160.38	-77.05	-1861.87	58.58	-502.36	177.06
15239	-12.78	8.70	-5.50	-137.85	-80.08	-1727.22	72.40	-457.46	161.95
15240	-11.67	8.70	-5.50	-101.09	-77.65	-1604.29	80.19	-428.42	157.01
15241	-10.56	8.70	-5.50	-56.27	-72.58	-1497.17	83.21	-404.78	157.34
15242	-9.45	8.70	-5.50	-7.84	-66.24	-1405.10	82.65	-381.82	160.33
15243	-8.34	8.70	-5.50	41.03	-59.50	-1325.89	79.29	-357.60	164.54
15244	-7.22	8.70	-5.50	88.17	-53.06	-1257.06	73.75	-331.32	169.06
15245	-6.11	8.70	-5.50	132.00	-47.30	-1196.25	66.54	-302.84	173.36
15246	-5.00	8.70	-5.50	171.33	-42.45	-1141.38	58.08	-272.38	177.11

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
15247	-3.89	8.70	-5.50	205.27	-38.62	-1090.73	48.73	-240.40	180.11
15248	-2.78	8.70	-5.50	233.22	-35.87	-1042.98	38.82	-207.47	182.27
15249	-1.67	8.70	-5.50	254.75	-34.15	-997.24	28.68	-174.27	183.59
15250	-0.56	8.70	-5.50	269.48	-33.46	-953.01	18.52	-141.62	184.22
15251	-17.50	8.10	-6.90	64.35	128.69	-1708.04	37.64	-806.83	302.38
15252	-16.37	8.10	-6.90	100.09	113.58	-1791.82	18.84	-698.31	264.07
15253	-15.24	8.10	-6.90	114.43	98.62	-1785.51	15.13	-587.47	220.10
15254	-14.11	8.10	-6.90	120.65	85.59	-1716.13	21.78	-497.31	183.50
15255	-12.98	8.10	-6.90	131.99	76.72	-1617.40	31.33	-433.04	159.08
15256	-11.85	8.10	-6.90	153.23	71.93	-1513.32	39.20	-388.09	144.47
15257	-10.73	8.10	-6.90	183.28	69.96	-1415.23	44.05	-354.21	136.16
15258	-9.60	8.10	-6.90	219.32	69.83	-1326.87	45.84	-325.98	131.88
15259	-8.47	8.10	-6.90	258.52	70.75	-1248.66	44.85	-300.28	130.11
15260	-7.34	8.10	-6.90	298.50	72.04	-1179.62	41.49	-275.43	129.83
15261	-6.21	8.10	-6.90	337.36	73.22	-1118.21	36.18	-250.59	130.35
15262	-5.08	8.10	-6.90	373.64	73.98	-1062.83	29.33	-225.44	131.23
15263	-3.95	8.10	-6.90	406.24	74.09	-1012.03	21.30	-200.00	132.21
15264	-2.82	8.10	-6.90	434.36	73.45	-964.63	12.44	-174.48	133.14
15265	-1.69	8.10	-6.90	457.46	72.03	-919.80	3.05	-149.26	134.00
15266	-0.56	8.10	-6.90	475.15	69.72	-876.97	-6.70	-124.96	134.75
15267	-17.23	8.70	-6.90	66.14	127.22	-1698.26	41.03	-795.81	326.02
15268	-16.11	8.70	-6.90	100.80	114.36	-1781.58	21.43	-692.63	287.18
15269	-15.00	8.70	-6.90	116.00	100.35	-1779.80	16.83	-585.96	241.26
15270	-13.89	8.70	-6.90	123.00	86.89	-1716.63	23.09	-496.34	202.56
15271	-12.78	8.70	-6.90	134.12	76.96	-1623.16	32.59	-432.23	177.03
15272	-11.67	8.70	-6.90	154.39	70.82	-1522.80	40.45	-386.87	161.00
15273	-10.56	8.70	-6.90	182.91	67.30	-1426.95	45.39	-352.40	151.56
15274	-9.45	8.70	-6.90	217.23	65.72	-1339.65	47.26	-323.58	146.50
15275	-8.34	8.70	-6.90	254.62	65.37	-1261.68	46.29	-297.53	144.28
15276	-7.22	8.70	-6.90	292.83	65.55	-1192.34	42.87	-272.52	143.71
15277	-6.11	8.70	-6.90	330.05	65.81	-1130.34	37.44	-247.67	144.05
15278	-5.00	8.70	-6.90	364.86	65.85	-1074.24	30.41	-222.65	144.79
15279	-3.89	8.70	-6.90	396.21	65.45	-1022.75	22.16	-197.40	145.62
15280	-2.78	8.70	-6.90	423.36	64.51	-974.82	13.03	-172.08	146.36
15281	-1.67	8.70	-6.90	445.81	63.05	-929.70	3.41	-146.99	146.99
15282	-0.56	8.70	-6.90	463.07	61.09	-886.92	-6.47	-122.71	147.71
15283	-17.50	8.10	-8.30	247.62	250.39	-1547.66	44.69	-723.36	273.96
15284	-16.37	8.10	-8.30	293.68	242.24	-1603.19	26.56	-647.43	253.30
15285	-15.24	8.10	-8.30	325.77	233.90	-1605.30	16.54	-561.65	224.46
15286	-14.11	8.10	-8.30	348.72	225.60	-1564.34	13.80	-480.31	194.81
15287	-12.98	8.10	-8.30	369.07	218.16	-1496.10	15.45	-411.84	169.57
15288	-11.85	8.10	-8.30	391.82	212.12	-1415.64	18.34	-357.75	150.00
15289	-10.73	8.10	-8.30	419.03	207.46	-1333.45	20.48	-315.24	135.43
15290	-9.60	8.10	-8.30	450.36	203.89	-1255.17	20.97	-280.87	124.92
15291	-8.47	8.10	-8.30	484.45	201.05	-1183.12	19.48	-251.96	117.54
15292	-7.34	8.10	-8.30	519.77	198.51	-1117.78	16.05	-226.62	112.47
15293	-6.21	8.10	-8.30	554.84	195.93	-1058.63	10.85	-203.59	109.07
15294	-5.08	8.10	-8.30	588.43	193.05	-1004.75	4.17	-182.09	106.88
15295	-3.95	8.10	-8.30	619.59	189.66	-955.11	-3.72	-161.68	105.57
15296	-2.82	8.10	-8.30	647.60	185.64	-908.79	-12.52	-142.15	105.00
15297	-1.69	8.10	-8.30	671.95	180.92	-865.07	-21.99	-123.49	105.14
15298	-0.56	8.10	-8.30	692.28	175.40	-823.47	-31.93	-106.08	105.87
15299	-17.23	8.70	-8.30	250.82	246.93	-1539.17	48.17	-712.77	294.95
15300	-16.11	8.70	-8.30	295.08	240.43	-1593.78	29.39	-640.44	274.37
15301	-15.00	8.70	-8.30	326.66	233.15	-1598.16	18.56	-558.28	244.54
15302	-13.89	8.70	-8.30	349.88	225.21	-1561.27	15.14	-478.57	213.80
15303	-12.78	8.70	-8.30	370.09	217.58	-1497.41	16.37	-411.51	187.94
15304	-11.67	8.70	-8.30	392.18	211.03	-1420.70	18.91	-357.97	167.16
15305	-10.56	8.70	-8.30	418.29	205.56	-1341.16	20.77	-315.46	151.30
15306	-9.45	8.70	-8.30	448.23	201.07	-1264.43	21.09	-280.75	139.60
15307	-8.34	8.70	-8.30	480.77	197.36	-1193.03	19.44	-251.48	131.25
15308	-7.22	8.70	-8.30	514.48	194.03	-1127.71	15.83	-225.81	125.32
15309	-6.11	8.70	-8.30	548.00	190.79	-1068.19	10.41	-202.51	121.19
15310	-5.00	8.70	-8.30	580.17	187.37	-1013.78	3.47	-180.79	118.37
15311	-3.89	8.70	-8.30	610.06	183.60	-963.67	-4.72	-160.19	116.58
15312	-2.78	8.70	-8.30	637.00	179.36	-917.14	-13.83	-140.43	115.70
15313	-1.67	8.70	-8.30	660.52	174.60	-873.70	-23.54	-121.44	115.87
15314	-0.56	8.70	-8.30	680.11	169.26	-832.91	-33.58	-103.64	117.35
15315	-22.14	8.10	-2.70	5.06	79.98	3.04	12.62	16.11	-20.78
15316	-21.23	8.10	-2.70	-44.47	57.65	-29.26	-1.14	-21.43	-6.48
15317	-20.33	8.10	-2.70	-242.17	-7.06	-70.29	24.16	-119.79	28.47
15318	-19.42	8.10	-2.70	-740.29	-145.66	-90.57	150.07	-335.51	113.36
15319	-18.52	8.10	-2.70	-1977.58	-652.20	-1579.55	453.39	-1401.95	536.88
15320	-21.91	8.70	-2.70	4.82	75.34	3.02	12.63	16.24	-23.93
15321	-20.99	8.70	-2.70	-47.28	55.75	-29.61	-2.13	-21.74	-7.76
15322	-20.07	8.70	-2.70	-245.58	-8.17	-69.75	24.85	-119.46	29.49
15323	-19.16	8.70	-2.70	-737.31	-151.94	-95.76	158.51	-335.34	120.56
15324	-18.24	8.70	-2.70	-1944.42	-669.91	-1572.11	482.81	-1377.58	576.60
15325	-22.14	8.10	-4.10	-23.99	174.05	-27.40	61.11	-30.83	-27.18
15326	-21.23	8.10	-4.10	-165.36	121.43	-158.47	83.25	-166.87	23.45
15327	-20.33	8.10	-4.10	-410.25	45.06	-266.08	143.00	-419.61	118.98
15328	-19.42	8.10	-4.10	-744.51	-96.73	-721.17	223.07	-898.37	313.72
15329	-18.52	8.10	-4.10	-679.44	-181.67	-1646.77	146.79	-1200.01	450.06
15330	-21.91	8.70	-4.10	-20.56	170.31	-26.67	63.75	-31.34	-29.68
15331	-20.99	8.70	-4.10	-162.10	116.41	-157.97	87.87	-167.07	26.19
15332	-20.07	8.70	-4.10	-403.77	37.56	-267.10	151.37	-417.86	128.99
15333	-19.16	8.70	-4.10	-729.74	-107.65	-720.35	237.38	-886.55	338.87
15334	-18.24	8.70	-4.10	-673.98	-186.96	-1638.83	158.08	-1181.52	485.46
15335	-22.14	8.10	-5.50	-17.06	254.92	-158.17	91.09	-107.56	-15.82
15336	-21.23	8.10	-5.50	-142.09	195.61	-360.74	115.85	-321.99	64.20
15337	-20.33	8.10	-5.50	-294.41	126.19	-585.85	153.16	-611.92	179.46
15338	-19.42	8.10	-5.50	-341.13	61.48	-1002.13	150.45	-902.71	307.79
15339	-18.52	8.10	-5.50	-272.14	9.01	-1557.17	96.49	-1006.21	369.61
15340	-21.91	8.70	-5.50	-11.49	249.45	-157.12	95.85	-108.07	-18.37
15341	-20.99	8.70	-5.50	-136.00	187.79	-360.58	123.04	-321.27	69.28
15342	-20.07	8.70	-5.50	-285.28	116.76	-585.63	162.74	-606.88	192.97
15343	-19.16	8.70	-5.50	-332.33	52.47	-999.94	160.18	-891.37	330.88
15344	-18.24	8.70	-5.50	-267.45	4.50	-1550.33	103.07	-991.27	397.15
15345	-22.14	8.10	-6.90	4.45	315.07	-382.93	107.78	-161.26	-5.90

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
15346	-21.23	8.10	-6.90	-63.25	266.12	-589.33	123.18	-412.19	88.72
15347	-20.33	8.10	-6.90	-110.52	219.64	-814.97	134.39	-649.17	188.09
15348	-19.42	8.10	-6.90	-90.81	179.39	-1127.01	119.49	-830.88	276.59
15349	-18.52	8.10	-6.90	-9.37	149.27	-1473.81	76.77	-879.49	318.45
15350	-21.91	8.70	-6.90	11.48	309.25	-381.15	114.07	-161.39	-7.52
15351	-20.99	8.70	-6.90	-55.90	258.00	-588.43	131.36	-410.40	95.81
15352	-20.07	8.70	-6.90	-102.21	211.10	-813.70	143.02	-643.66	202.27
15353	-19.16	8.70	-6.90	-83.23	171.75	-1123.95	127.13	-820.92	297.36
15354	-18.24	8.70	-6.90	-4.77	144.58	-1467.63	81.95	-866.76	342.24
15355	-22.14	8.10	-8.30	24.60	358.09	-655.27	118.61	-178.71	-1.60
15356	-21.23	8.10	-8.30	13.19	327.80	-797.91	126.41	-426.78	92.97
15357	-20.33	8.10	-8.30	28.29	300.02	-973.74	125.78	-618.78	176.81
15358	-19.42	8.10	-8.30	86.11	277.88	-1188.90	107.59	-743.47	243.51
15359	-18.52	8.10	-8.30	173.07	261.42	-1405.27	74.67	-771.79	277.34
15360	-21.91	8.70	-8.30	32.62	352.21	-652.69	126.07	-178.47	-2.62
15361	-20.99	8.70	-8.30	21.04	319.66	-796.37	135.20	-424.81	100.34
15362	-20.07	8.70	-8.30	36.48	291.93	-971.63	134.02	-613.68	190.04
15363	-19.16	8.70	-8.30	93.58	270.52	-1185.31	114.49	-734.92	261.68
15364	-18.24	8.70	-8.30	178.60	255.96	-1399.41	79.51	-760.78	297.93
15365	11.69	9.49	-8.30	702.05	107.49	-615.75	-150.80	110.04	121.52
15366	12.72	9.44	-8.30	707.90	108.71	-619.71	-157.97	153.28	118.61
15367	13.76	9.39	-8.30	715.39	111.37	-621.35	-165.81	204.44	114.54
15368	11.91	10.47	-8.30	660.41	113.32	-626.53	-158.76	131.82	142.79
15369	12.81	10.33	-8.30	667.07	115.33	-624.82	-165.35	169.88	138.80
15370	13.70	10.18	-8.30	675.18	118.30	-621.02	-172.72	212.10	133.82
15371	12.11	11.46	-8.30	614.44	120.28	-631.79	-164.50	154.37	167.50
15372	12.88	11.21	-8.30	622.86	121.66	-625.45	-170.75	185.48	160.03
15373	13.63	10.96	-8.30	633.15	124.70	-617.95	-176.89	222.12	154.28
15374	0.57	9.89	-8.30	664.88	153.22	-817.28	-47.18	-85.32	144.12
15375	1.70	9.88	-8.30	676.18	147.24	-777.93	-59.30	-69.54	142.98
15376	2.84	9.86	-8.30	684.12	141.27	-741.13	-71.37	-54.54	141.77
15377	3.96	9.83	-8.30	689.18	135.26	-707.76	-83.27	-40.21	140.40
15378	5.08	9.80	-8.30	691.95	129.35	-678.46	-94.82	-26.10	138.81
15379	6.20	9.76	-8.30	693.09	123.71	-653.93	-105.89	-11.49	136.98
15380	7.31	9.71	-8.30	693.41	118.56	-634.85	-116.34	4.58	134.91
15381	8.42	9.66	-8.30	693.73	114.15	-621.72	-126.08	23.33	132.58
15382	9.52	9.60	-8.30	694.88	110.76	-614.66	-135.05	46.23	130.03
15383	10.62	9.54	-8.30	697.60	108.68	-613.13	-143.21	74.87	127.48
15384	0.60	11.68	-8.30	615.98	138.75	-860.18	-50.56	-79.82	182.87
15385	1.80	11.64	-8.30	626.62	133.51	-816.67	-63.97	-62.07	180.27
15386	2.99	11.58	-8.30	634.01	128.78	-776.15	-77.31	-45.17	177.48
15387	4.16	11.50	-8.30	638.73	124.50	-739.74	-90.24	-29.00	174.49
15388	5.32	11.40	-8.30	641.42	120.75	-707.91	-102.57	-13.06	171.26
15389	6.47	11.28	-8.30	642.86	117.60	-681.19	-114.12	3.42	167.75
15390	7.60	11.15	-8.30	643.93	115.15	-660.00	-124.78	21.44	163.97
15391	8.72	10.99	-8.30	645.55	113.49	-644.50	-134.51	42.21	159.88
15392	9.83	10.82	-8.30	648.59	112.73	-634.43	-143.35	67.11	155.48
15393	10.92	10.63	-8.30	653.86	112.91	-628.87	-151.43	97.58	150.68
15394	0.63	13.48	-8.30	562.12	130.42	-914.10	-51.33	-75.58	230.13
15395	1.88	13.42	-8.30	571.53	125.65	-865.89	-65.41	-55.23	225.16
15396	3.11	13.32	-8.30	578.12	121.90	-820.98	-79.34	-35.85	220.27
15397	4.33	13.19	-8.30	582.44	119.09	-780.37	-92.80	-17.28	215.27
15398	5.53	13.03	-8.30	585.15	117.18	-744.44	-105.55	1.05	210.09
15399	6.70	12.83	-8.30	587.06	116.13	-713.55	-117.45	19.91	204.67
15400	7.86	12.61	-8.30	589.06	115.87	-687.91	-128.43	40.29	198.90
15401	8.99	12.35	-8.30	592.10	116.34	-667.49	-138.52	63.32	192.66
15402	10.11	12.06	-8.30	597.10	117.46	-651.84	-147.86	90.23	185.76
15403	11.19	11.74	-8.30	604.89	119.13	-640.02	-156.72	122.22	178.07
15404	0.65	15.28	-8.30	506.57	128.76	-966.94	-50.17	-73.40	293.62
15405	1.95	15.20	-8.30	514.12	124.10	-914.60	-64.04	-49.39	285.38
15406	3.22	15.07	-8.30	519.45	120.81	-865.19	-77.87	-26.68	277.25
15407	4.47	14.90	-8.30	523.07	118.76	-819.59	-91.36	-4.95	269.08
15408	5.71	14.67	-8.30	525.60	117.85	-778.23	-104.29	16.41	260.76
15409	6.91	14.40	-8.30	527.79	117.95	-741.46	-116.53	38.13	252.13
15410	8.09	14.08	-8.30	530.49	118.88	-709.47	-128.06	61.10	243.00
15411	9.24	13.72	-8.30	534.63	120.48	-682.26	-138.96	86.29	233.06
15412	10.36	13.31	-8.30	541.15	122.57	-659.53	-149.43	114.72	221.95
15413	11.45	12.86	-8.30	550.97	125.11	-640.62	-159.68	147.30	209.19
15414	0.67	17.07	-8.30	453.35	123.62	-988.43	-47.97	-74.24	376.80
15415	1.99	16.99	-8.30	458.12	119.48	-934.60	-61.48	-45.72	364.13
15416	3.30	16.84	-8.30	461.40	116.79	-882.72	-75.07	-18.88	351.18
15417	4.59	16.62	-8.30	463.60	115.42	-833.68	-88.49	6.67	337.93
15418	5.85	16.34	-8.30	465.26	115.27	-788.04	-101.56	31.49	324.29
15419	7.09	15.99	-8.30	467.05	116.20	-746.35	-114.18	56.24	310.16
15420	8.29	15.58	-8.30	469.76	118.05	-709.00	-126.36	81.67	295.30
15421	9.46	15.11	-8.30	474.31	120.64	-676.22	-138.20	108.57	279.36
15422	10.60	14.58	-8.30	481.74	123.76	-648.06	-149.89	137.73	261.86
15423	11.69	14.00	-8.30	493.21	127.20	-624.32	-161.54	170.04	242.33
15424	0.68	18.88	-8.30	404.87	97.09	-939.85	-45.34	-80.12	459.97
15425	2.02	18.79	-8.30	406.23	95.14	-889.48	-59.49	-47.56	443.31
15426	3.36	18.61	-8.30	406.60	94.71	-840.43	-73.52	-16.87	425.45
15427	4.68	18.35	-8.30	406.42	95.70	-793.42	-87.27	12.34	406.62
15428	5.97	18.01	-8.30	406.24	97.99	-749.10	-100.62	40.52	386.96
15429	7.23	17.59	-8.30	406.71	101.42	-708.11	-113.54	68.18	366.50
15430	8.47	17.09	-8.30	408.60	105.84	-671.00	-126.07	95.95	345.13
15431	9.66	16.51	-8.30	412.85	111.06	-638.24	-138.39	124.46	322.60
15432	10.81	15.87	-8.30	420.59	116.88	-610.17	-150.74	154.36	298.50
15433	11.91	15.15	-8.30	433.31	122.91	-587.00	-163.38	186.15	272.09
15434	16.80	9.56	-8.30	725.20	132.83	-560.40	-210.17	399.49	90.29
15435	16.19	10.65	-8.30	644.17	137.15	-553.01	-214.41	367.17	119.56
15436	15.52	11.69	-8.30	574.27	139.72	-548.19	-210.05	334.06	152.25
15437	15.79	9.48	-8.30	722.84	124.03	-596.28	-190.55	334.60	104.29
15438	15.37	10.42	-8.30	661.08	129.53	-588.74	-196.56	317.12	127.93
15439	14.91	11.34	-8.30	603.23	133.55	-582.14	-197.03	297.81	152.31
15440	14.78	9.40	-8.30	720.60	116.69	-615.35	-175.90	269.86	109.81
15441	14.55	10.21	-8.30	674.21	123.11	-610.61	-182.37	266.53	130.58
15442	14.30	11.00	-8.30	627.81	128.09	-605.13	-186.28	256.95	151.39
15443	12.93	14.37	-8.30	452.22	129.57	-569.56	-175.66	220.68	247.91
15444	12.65	13.39	-8.30	509.24	130.95	-606.52	-172.17	202.86	224.98

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
15445	12.36	12.43	-8.30	563.11	127.61	-626.65	-168.21	179.65	198.34
15446	13.86	13.54	-8.30	480.47	134.88	-557.57	-188.28	256.25	218.22
15447	13.48	12.78	-8.30	531.34	133.02	-593.93	-181.99	234.35	203.26
15448	13.10	12.03	-8.30	577.74	128.85	-616.41	-175.49	208.53	185.33
15449	14.74	12.66	-8.30	519.54	138.87	-549.60	-200.74	293.55	186.99
15450	14.28	12.13	-8.30	559.59	134.78	-583.68	-191.79	267.06	180.11
15451	13.81	11.61	-8.30	595.61	128.36	-607.02	-183.03	239.51	167.73
15452	11.69	9.49	-6.90	410.83	19.19	-695.60	-96.85	115.21	122.18
15453	12.72	9.44	-6.90	412.62	24.18	-713.41	-97.92	155.80	115.60
15454	13.76	9.39	-6.90	418.00	31.84	-729.50	-98.10	206.20	109.80
15455	11.91	10.47	-6.90	375.37	23.56	-715.08	-98.10	136.57	141.34
15456	12.81	10.33	-6.90	378.96	30.04	-725.32	-99.00	173.56	135.62
15457	13.70	10.18	-6.90	385.29	38.21	-732.82	-99.96	216.34	130.72
15458	12.11	11.46	-6.90	337.17	31.13	-730.09	-96.54	160.50	166.02
15459	12.88	11.21	-6.90	342.90	36.89	-732.27	-98.13	192.00	158.60
15460	13.63	10.96	-6.90	351.04	44.60	-732.09	-99.54	230.17	154.26
15461	0.57	9.89	-6.90	444.87	43.00	-870.40	-16.95	-97.53	174.02
15462	1.70	9.88	-6.90	451.98	39.47	-828.88	-28.51	-75.35	172.25
15463	2.84	9.86	-6.90	454.35	35.79	-790.36	-39.67	-54.77	169.87
15464	3.96	9.83	-6.90	452.75	31.94	-755.57	-50.31	-35.63	166.77
15465	5.08	9.80	-6.90	447.96	28.04	-725.51	-60.25	-17.69	162.91
15466	6.20	9.76	-6.90	440.90	24.30	-701.28	-69.35	-0.43	158.27
15467	7.31	9.71	-6.90	432.62	20.98	-684.00	-77.45	16.95	152.86
15468	8.42	9.66	-6.90	424.29	18.43	-674.63	-84.40	35.60	146.67
15469	9.52	9.60	-6.90	417.14	17.08	-673.77	-90.04	57.04	139.78
15470	10.62	9.54	-6.90	412.36	17.42	-681.28	-94.17	83.11	132.58
15471	0.60	11.68	-6.90	396.89	20.62	-916.55	-16.41	-92.06	209.53
15472	1.80	11.64	-6.90	404.01	17.99	-870.34	-29.06	-68.12	206.56
15473	2.99	11.58	-6.90	406.39	15.71	-828.14	-41.37	-46.00	202.54
15474	4.16	11.50	-6.90	404.92	13.83	-790.55	-52.94	-25.36	197.59
15475	5.32	11.40	-6.90	400.50	12.44	-758.47	-63.50	-5.90	191.75
15476	6.47	11.28	-6.90	394.14	11.66	-732.81	-72.85	12.94	185.07
15477	7.60	11.15	-6.90	387.02	11.69	-714.40	-80.84	32.03	177.63
15478	8.72	10.99	-6.90	380.40	12.77	-703.84	-87.37	52.57	169.55
15479	9.83	10.82	-6.90	375.61	15.14	-701.24	-92.37	76.08	161.02
15480	10.92	10.63	-6.90	373.92	19.05	-705.84	-95.87	104.39	152.28
15481	0.63	13.48	-6.90	343.55	6.28	-979.67	-13.37	-87.28	248.03
15482	1.88	13.42	-6.90	350.12	4.13	-928.29	-26.56	-61.65	243.14
15483	3.11	13.32	-6.90	352.45	2.98	-881.51	-39.32	-37.75	237.36
15484	4.33	13.19	-6.90	351.35	2.89	-839.85	-51.21	-15.25	230.69
15485	5.53	13.03	-6.90	347.69	3.85	-804.08	-61.93	6.21	223.20
15486	6.70	12.83	-6.90	342.54	5.87	-774.88	-71.24	27.24	215.00
15487	7.86	12.61	-6.90	337.10	8.99	-752.78	-79.03	48.73	206.20
15488	8.99	12.35	-6.90	332.68	13.24	-738.03	-85.28	71.86	196.93
15489	10.11	12.06	-6.90	330.61	18.67	-730.30	-90.11	98.08	187.31
15490	11.19	11.74	-6.90	332.17	25.26	-728.47	-93.78	129.03	177.57
15491	0.65	15.28	-6.90	288.34	7.52	-1053.05	-8.39	-83.55	301.72
15492	1.95	15.20	-6.90	293.87	4.86	-996.49	-20.85	-55.44	293.97
15493	3.22	15.07	-6.90	295.94	3.84	-944.27	-33.03	-29.04	285.63
15494	4.47	14.90	-6.90	295.23	4.43	-896.95	-44.50	-3.91	276.69
15495	5.71	14.67	-6.90	292.54	6.49	-855.19	-54.90	20.35	267.19
15496	6.91	14.40	-6.90	288.83	9.90	-819.53	-64.03	44.38	257.18
15497	8.09	14.08	-6.90	285.23	14.52	-790.36	-71.82	69.00	246.66
15498	9.24	13.72	-6.90	282.98	20.19	-767.74	-78.37	95.25	235.61
15499	10.36	13.31	-6.90	283.35	26.76	-751.25	-83.93	124.35	223.92
15500	11.45	12.86	-6.90	287.52	34.22	-739.82	-88.89	157.55	211.37
15501	0.67	17.07	-6.90	237.85	18.28	-1097.88	-3.08	-80.88	390.15
15502	1.99	16.99	-6.90	241.21	14.77	-1038.60	-14.07	-48.73	377.36
15503	3.30	16.84	-6.90	242.16	13.04	-982.33	-25.11	-18.42	364.06
15504	4.59	16.62	-6.90	241.14	13.01	-929.85	-35.77	10.48	350.28
15505	5.85	16.34	-6.90	238.77	14.56	-881.91	-45.76	38.42	336.02
15506	7.09	15.99	-6.90	235.84	17.54	-839.20	-54.89	65.96	321.25
15507	8.29	15.58	-6.90	233.34	21.77	-802.20	-63.14	93.82	305.88
15508	9.46	15.11	-6.90	232.35	27.06	-771.18	-70.65	122.79	289.69
15509	10.60	14.58	-6.90	234.08	33.23	-746.04	-77.69	153.70	272.33
15510	11.69	14.00	-6.90	239.78	40.08	-726.26	-84.58	187.57	253.37
15511	0.68	18.88	-6.90	197.40	6.27	-1040.59	-0.13	-81.70	501.89
15512	2.02	18.79	-6.90	197.25	3.99	-985.48	-11.08	-44.70	482.90
15513	3.36	18.61	-6.90	195.45	3.33	-932.28	-21.93	-9.84	462.63
15514	4.68	18.35	-6.90	192.41	4.29	-881.81	-32.41	23.22	441.34
15515	5.97	18.01	-6.90	188.65	6.77	-834.91	-42.32	54.89	419.23
15516	7.23	17.59	-6.90	184.89	10.65	-792.35	-51.54	85.68	396.41
15517	8.47	17.09	-6.90	181.97	15.80	-754.82	-60.09	116.15	372.87
15518	9.66	16.51	-6.90	180.90	22.10	-722.85	-68.15	146.94	348.45
15519	10.81	15.87	-6.90	182.90	29.40	-696.80	-76.02	178.67	322.85
15520	11.91	15.15	-6.90	189.46	37.43	-676.72	-84.10	211.83	295.32
15521	16.80	9.56	-6.90	422.70	73.84	-671.56	-118.44	413.88	105.54
15522	16.19	10.65	-6.90	356.09	71.92	-662.29	-121.13	386.94	136.77
15523	15.52	11.69	-6.90	298.48	69.12	-654.25	-117.35	357.82	171.46
15524	15.79	9.48	-6.90	423.70	58.29	-717.71	-105.05	344.53	109.23
15525	15.37	10.42	-6.90	372.80	60.28	-708.33	-108.75	331.64	135.66
15526	14.91	11.34	-6.90	324.68	60.85	-698.48	-108.36	316.08	163.23
15527	14.78	9.40	-6.90	422.63	43.84	-734.51	-99.02	274.52	107.56
15528	14.55	10.21	-6.90	384.69	48.68	-730.13	-101.99	274.85	131.03
15529	14.30	11.00	-6.90	346.29	52.11	-723.50	-103.36	268.75	155.23
15530	12.93	14.37	-6.90	201.85	46.64	-663.27	-92.15	247.14	270.32
15531	12.65	13.39	-6.90	250.30	47.26	-712.60	-91.03	221.51	236.69
15532	12.36	12.43	-6.90	295.12	41.23	-732.63	-92.75	190.65	201.28
15533	13.86	13.54	-6.90	222.92	55.21	-655.72	-101.00	282.71	239.93
15534	13.48	12.78	-6.90	266.79	52.83	-703.79	-97.50	253.67	215.45
15535	13.10	12.03	-6.90	305.94	46.33	-727.69	-96.39	220.50	189.21
15536	14.74	12.66	-6.90	253.85	63.29	-651.84	-110.20	319.26	207.93
15537	14.28	12.13	-6.90	288.94	58.42	-696.65	-104.38	286.72	192.74
15538	13.81	11.61	-6.90	319.91	49.76	-722.58	-100.65	252.60	172.62
15539	11.69	9.49	-5.50	115.85	-74.77	-765.93	-55.54	125.29	123.36
15540	12.72	9.44	-5.50	105.42	-70.03	-799.00	-52.69	159.66	108.75
15541	13.76	9.39	-5.50	99.75	-61.23	-835.66	-46.33	204.67	95.00
15542	11.91	10.47	-5.50	81.90	-77.44	-794.74	-52.97	143.97	136.33
15543	12.81	10.33	-5.50	75.04	-68.89	-820.76	-49.28	175.94	124.38

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
15544	13.70	10.18	-5.50	72.24	-57.05	-847.68	-43.57	214.90	114.48
15545	12.11	11.46	-5.50	46.39	-74.65	-825.40	-46.33	165.36	154.37
15546	12.88	11.21	-5.50	43.70	-64.63	-841.63	-42.83	194.03	143.81
15547	13.63	10.96	-5.50	44.59	-51.21	-856.61	-37.80	231.16	138.49
15548	0.57	9.89	-5.50	248.13	-56.71	-932.62	10.79	-108.11	211.47
15549	1.70	9.88	-5.50	250.38	-57.90	-888.49	-0.62	-78.00	208.83
15550	2.84	9.86	-5.50	246.57	-59.64	-847.12	-11.33	-50.14	204.97
15551	3.96	9.83	-5.50	237.44	-61.96	-809.45	-21.21	-24.71	199.84
15552	5.08	9.80	-5.50	223.88	-64.73	-776.76	-30.11	-1.72	193.44
15553	6.20	9.76	-5.50	206.91	-67.77	-750.56	-37.90	19.11	185.75
15554	7.31	9.71	-5.50	187.72	-70.83	-732.47	-44.50	38.37	176.70
15555	8.42	9.66	-5.50	167.62	-73.55	-724.07	-49.77	57.01	166.20
15556	9.52	9.60	-5.50	147.99	-75.46	-726.67	-53.57	76.45	154.17
15557	10.62	9.54	-5.50	130.25	-75.87	-740.94	-55.57	98.61	140.80
15558	0.60	11.68	-5.50	200.31	-92.95	-976.66	15.35	-103.26	245.78
15559	1.80	11.64	-5.50	203.21	-92.96	-927.80	2.35	-71.70	241.93
15560	2.99	11.58	-5.50	200.00	-93.03	-882.94	-9.90	-42.48	236.21
15561	4.16	11.50	-5.50	191.43	-93.13	-842.90	-21.03	-15.75	228.79
15562	5.32	11.40	-5.50	178.50	-93.15	-808.85	-30.81	8.56	219.76
15563	6.47	11.28	-5.50	162.34	-92.93	-782.14	-39.05	30.76	209.22
15564	7.60	11.15	-5.50	144.22	-92.23	-764.15	-45.64	51.47	197.25
15565	8.72	10.99	-5.50	125.57	-90.69	-756.15	-50.45	71.69	183.92
15566	9.83	10.82	-5.50	107.91	-87.87	-759.03	-53.36	92.86	169.39
15567	10.92	10.63	-5.50	92.83	-83.21	-772.89	-54.17	116.95	153.92
15568	0.63	13.48	-5.50	144.70	-125.87	-1041.41	22.30	-99.29	275.46
15569	1.88	13.42	-5.50	148.14	-124.92	-987.29	8.10	-66.82	270.13
15570	3.11	13.32	-5.50	145.72	-123.28	-938.17	-5.22	-36.50	262.75
15571	4.33	13.19	-5.50	138.17	-120.93	-894.79	-17.22	-8.47	253.46
15572	5.53	13.03	-5.50	126.49	-117.81	-858.16	-27.55	17.39	242.44
15573	6.70	12.83	-5.50	111.84	-113.81	-829.41	-35.97	41.41	229.92
15574	7.86	12.61	-5.50	95.55	-108.76	-809.64	-42.32	64.24	216.13
15575	8.99	12.35	-5.50	79.15	-102.40	-799.75	-46.48	86.88	201.36
15576	10.11	12.06	-5.50	64.28	-94.38	-800.11	-48.41	110.79	185.95
15577	11.19	11.74	-5.50	52.68	-84.38	-810.19	-48.13	137.90	170.48
15578	0.65	15.28	-5.50	83.19	-143.20	-1133.57	32.26	-96.10	308.85
15579	1.95	15.20	-5.50	87.04	-142.31	-1073.40	18.13	-62.77	301.65
15580	3.22	15.07	-5.50	85.63	-139.69	-1018.61	4.77	-31.28	292.66
15581	4.47	14.90	-5.50	79.63	-135.40	-969.88	-7.26	-1.63	282.02
15582	5.71	14.67	-5.50	69.95	-129.52	-928.07	-17.53	26.35	269.98
15583	6.91	14.40	-5.50	57.70	-122.10	-894.04	-25.72	53.04	256.78
15584	8.09	14.08	-5.50	44.21	-113.13	-868.56	-31.64	79.09	242.76
15585	9.24	13.72	-5.50	30.99	-102.58	-852.10	-35.24	105.46	228.23
15586	10.36	13.31	-5.50	19.72	-90.42	-844.56	-36.62	133.54	213.54
15587	11.45	12.86	-5.50	12.15	-76.39	-844.89	-36.04	165.04	199.05
15588	0.67	17.07	-5.50	24.90	-129.47	-1223.98	44.92	-90.90	384.81
15589	1.99	16.99	-5.50	28.29	-130.40	-1158.66	32.75	-55.07	373.04
15590	3.30	16.84	-5.50	27.57	-128.89	-1097.56	20.83	-20.88	360.21
15591	4.59	16.62	-5.50	23.13	-125.10	-1041.54	9.79	11.78	346.41
15592	5.85	16.34	-5.50	15.68	-119.17	-991.50	0.13	43.20	331.74
15593	7.09	15.99	-5.50	6.14	-111.28	-948.26	-7.80	73.77	316.37
15594	8.29	15.58	-5.50	-4.34	-101.63	-912.50	-13.81	104.09	300.46
15595	9.46	15.11	-5.50	-14.41	-90.44	-884.57	-17.91	134.93	284.11
15596	10.60	14.58	-5.50	-22.56	-77.90	-864.37	-20.36	167.26	267.27
15597	11.69	14.00	-5.50	-27.22	-64.27	-851.06	-21.55	202.40	249.83
15598	0.68	18.88	-5.50	-15.38	-121.55	-1178.46	53.50	-83.44	535.52
15599	2.02	18.79	-5.50	-14.77	-123.14	-1116.68	42.56	-41.68	514.60
15600	3.36	18.61	-5.50	-17.22	-122.50	-1057.51	31.66	-2.19	492.38
15601	4.68	18.35	-5.50	-22.46	-119.59	-1001.98	21.28	35.28	469.07
15602	5.97	18.01	-5.50	-29.98	-114.51	-951.09	11.86	71.05	444.92
15603	7.23	17.59	-5.50	-39.06	-107.45	-905.76	3.72	105.56	420.14
15604	8.47	17.09	-5.50	-48.77	-98.58	-866.82	-2.99	139.31	394.85
15605	9.66	16.51	-5.50	-57.96	-88.11	-834.88	-8.29	172.90	369.04
15606	10.81	15.87	-5.50	-65.32	-76.25	-810.27	-12.46	206.94	342.53
15607	11.91	15.15	-5.50	-69.29	-63.36	-792.87	-15.97	241.94	314.66
15608	16.80	9.56	-5.50	74.78	5.47	-802.90	-27.73	437.18	113.77
15609	16.19	10.65	-5.50	28.05	-0.71	-794.98	-31.24	415.11	147.88
15610	15.52	11.69	-5.50	-13.07	-9.32	-785.87	-29.98	388.72	186.95
15611	15.79	9.48	-5.50	89.53	-19.92	-860.35	-26.25	353.52	98.67
15612	15.37	10.42	-5.50	52.71	-19.43	-854.35	-27.92	344.78	129.30
15613	14.91	11.34	-5.50	16.63	-21.35	-843.85	-26.82	333.38	162.49
15614	14.78	9.40	-5.50	96.18	-44.09	-863.65	-35.42	273.61	89.43
15615	14.55	10.21	-5.50	67.06	-39.99	-865.53	-34.42	276.31	114.94
15616	14.30	11.00	-5.50	37.82	-36.94	-862.84	-32.25	273.88	143.08
15617	12.93	14.37	-5.50	-68.35	-49.17	-783.17	-19.04	278.52	289.62
15618	12.65	13.39	-5.50	-26.60	-50.71	-843.93	-22.16	237.45	235.10
15619	12.36	12.43	-5.50	9.81	-62.87	-849.36	-34.02	196.76	188.44
15620	13.86	13.54	-5.50	-59.72	-35.16	-780.02	-22.82	314.45	259.15
15621	13.48	12.78	-5.50	-19.85	-39.31	-840.94	-23.44	270.63	215.68
15622	13.10	12.03	-5.50	12.77	-51.73	-854.59	-32.15	226.38	177.01
15623	14.74	12.66	-5.50	-42.66	-21.11	-780.03	-27.17	350.99	226.52
15624	14.28	12.13	-5.50	-7.99	-27.90	-838.59	-25.43	305.01	194.69
15625	13.81	11.61	-5.50	19.35	-42.30	-858.92	-30.69	259.38	161.72
15626	11.69	9.49	-4.10	-175.97	-169.93	-824.60	-25.05	156.18	137.07
15627	12.72	9.44	-4.10	-209.10	-172.72	-869.97	-23.33	185.08	111.94
15628	13.76	9.39	-4.10	-241.49	-172.60	-926.71	-17.88	222.91	82.72
15629	11.91	10.47	-4.10	-213.82	-188.46	-857.99	-24.38	174.86	143.58
15630	12.81	10.33	-4.10	-243.34	-185.34	-898.19	-21.41	200.85	120.46
15631	13.70	10.18	-4.10	-271.55	-178.45	-946.71	-15.53	231.88	96.13
15632	12.11	11.46	-4.10	-256.24	-204.14	-900.62	-21.78	193.33	149.38
15633	12.88	11.21	-4.10	-280.30	-195.71	-932.76	-17.40	216.16	128.58
15634	13.63	10.96	-4.10	-302.43	-182.31	-969.69	-10.16	246.49	112.36
15635	0.57	9.89	-4.10	79.04	-140.69	-1008.74	35.12	-116.45	259.35
15636	1.70	9.88	-4.10	76.02	-139.81	-961.39	23.69	-76.23	255.40
15637	2.84	9.86	-4.10	65.44	-140.02	-915.98	13.28	-39.03	249.75
15638	3.96	9.83	-4.10	48.07	-141.34	-873.75	4.04	-5.32	242.44
15639	5.08	9.80	-4.10	24.80	-143.68	-836.32	-3.94	24.66	233.53
15640	6.20	9.76	-4.10	-3.36	-146.95	-805.61	-10.60	50.94	223.02
15641	7.31	9.71	-4.10	-35.28	-151.01	-783.75	-15.95	73.90	210.82
15642	8.42	9.66	-4.10	-69.73	-155.66	-772.97	-20.06	94.33	196.76

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
15643	9.52	9.60	-4.10	-105.47	-160.61	-775.36	-22.98	113.54	180.49
15644	10.62	9.54	-4.10	-141.34	-165.38	-792.61	-24.66	133.46	161.67
15645	0.60	11.68	-4.10	31.46	-193.61	-1046.58	43.22	-113.35	297.83
15646	1.80	11.64	-4.10	29.97	-191.12	-994.76	29.38	-71.54	292.42
15647	2.99	11.58	-4.10	20.65	-189.37	-946.25	16.76	-32.76	284.51
15648	4.16	11.50	-4.10	4.32	-188.33	-902.19	5.66	2.54	274.31
15649	5.32	11.40	-4.10	-18.06	-187.96	-864.09	-3.77	34.15	262.01
15650	6.47	11.28	-4.10	-45.41	-188.13	-833.70	-11.44	62.16	247.73
15651	7.60	11.15	-4.10	-76.59	-188.70	-812.96	-17.37	86.96	231.50
15652	8.72	10.99	-4.10	-110.40	-189.40	-803.81	-21.61	109.32	213.26
15653	9.83	10.82	-4.10	-145.61	-189.85	-808.05	-24.21	130.45	192.85
15654	10.92	10.63	-4.10	-180.96	-189.45	-826.97	-25.09	152.18	169.98
15655	0.63	13.48	-4.10	-27.11	-252.76	-1105.11	53.56	-111.90	327.70
15656	1.88	13.42	-4.10	-26.79	-248.50	-1048.30	37.21	-69.30	320.86
15657	3.11	13.32	-4.10	-34.40	-244.41	-996.10	22.25	-29.43	310.96
15658	4.33	13.19	-4.10	-49.12	-240.47	-949.54	9.09	7.26	298.26
15659	5.53	13.03	-4.10	-69.99	-236.63	-909.96	-2.04	40.60	283.03
15660	6.70	12.83	-4.10	-95.98	-232.79	-878.94	-10.99	70.66	265.49
15661	7.86	12.61	-4.10	-125.96	-228.76	-858.19	-17.70	97.79	245.84
15662	8.99	12.35	-4.10	-158.73	-224.24	-849.39	-22.14	122.68	224.19
15663	10.11	12.06	-4.10	-192.99	-218.74	-854.06	-24.29	146.39	200.62
15664	11.19	11.74	-4.10	-227.25	-211.60	-873.05	-24.03	170.63	175.38
15665	0.65	15.28	-4.10	-98.82	-315.76	-1198.99	67.82	-112.88	347.42
15666	1.95	15.20	-4.10	-96.44	-309.85	-1136.16	49.23	-70.35	339.36
15667	3.22	15.07	-4.10	-101.88	-303.08	-1079.14	32.07	-30.04	327.97
15668	4.47	14.90	-4.10	-114.39	-295.49	-1028.81	16.85	7.73	313.52
15669	5.71	14.67	-4.10	-133.10	-287.08	-986.33	3.96	42.77	296.37
15670	6.91	14.40	-4.10	-157.03	-277.80	-953.03	-6.30	75.15	276.89
15671	8.09	14.08	-4.10	-185.05	-267.47	-930.29	-13.72	105.18	255.45
15672	9.24	13.72	-4.10	-215.92	-255.78	-919.42	-18.15	133.48	232.44
15673	10.36	13.31	-4.10	-248.16	-242.27	-921.39	-19.44	161.07	208.36
15674	11.45	12.86	-4.10	-280.00	-226.20	-936.44	-17.47	189.50	183.79
15675	0.67	17.07	-4.10	-182.73	-359.27	-1350.28	91.16	-112.61	380.75
15676	1.99	16.99	-4.10	-177.92	-353.24	-1279.32	71.65	-70.40	370.45
15677	3.30	16.84	-4.10	-180.31	-344.70	-1214.14	53.18	-29.59	357.59
15678	4.59	16.62	-4.10	-189.42	-333.81	-1155.59	36.51	9.57	342.37
15679	5.85	16.34	-4.10	-204.56	-320.68	-1104.71	22.22	47.00	325.07
15680	7.09	15.99	-4.10	-224.83	-305.40	-1062.61	10.83	82.81	306.06
15681	8.29	15.58	-4.10	-249.11	-287.97	-1030.33	2.73	117.31	285.79
15682	9.46	15.11	-4.10	-276.07	-268.34	-1008.66	-1.76	151.08	264.74
15683	10.60	14.58	-4.10	-304.09	-246.44	-997.96	-2.47	184.99	243.43
15684	11.69	14.00	-4.10	-331.09	-222.01	-997.78	0.74	220.60	222.51
15685	0.68	18.88	-4.10	-246.71	-356.36	-1380.67	121.68	-95.59	550.36
15686	2.02	18.79	-4.10	-241.27	-353.05	-1309.08	103.04	-48.26	529.24
15687	3.36	18.61	-4.10	-241.94	-345.94	-1241.31	84.56	-2.92	506.59
15688	4.68	18.35	-4.10	-248.58	-335.04	-1178.60	67.15	40.54	482.44
15689	5.97	18.01	-4.10	-260.78	-320.55	-1122.11	51.65	82.31	457.04
15690	7.23	17.59	-4.10	-277.81	-302.72	-1072.97	38.81	122.62	430.69
15691	8.47	17.09	-4.10	-298.67	-281.90	-1032.20	29.24	161.85	403.67
15692	9.66	16.51	-4.10	-322.02	-258.45	-1000.59	23.34	200.46	376.21
15693	10.81	15.87	-4.10	-346.18	-232.79	-978.54	21.31	239.02	348.36
15694	11.91	15.15	-4.10	-369.12	-205.56	-965.78	23.03	278.15	319.77
15695	16.80	9.56	-4.10	-350.05	-85.44	-985.17	48.28	480.55	89.81
15696	16.19	10.65	-4.10	-375.96	-92.65	-991.38	46.34	457.45	134.42
15697	15.52	11.69	-4.10	-398.56	-103.26	-982.96	44.98	433.09	182.99
15698	15.79	9.48	-4.10	-311.31	-136.69	-1031.52	22.10	369.61	53.26
15699	15.37	10.42	-4.10	-341.66	-135.53	-1039.93	22.96	358.69	88.38
15700	14.91	11.34	-4.10	-367.03	-138.57	-1035.78	25.77	351.28	129.03
15701	14.78	9.40	-4.10	-276.22	-164.63	-990.44	-3.95	284.34	55.88
15702	14.55	10.21	-4.10	-305.76	-165.44	-1003.68	-1.90	284.74	79.03
15703	14.30	11.00	-4.10	-330.99	-166.85	-1013.43	1.88	282.88	105.91
15704	12.93	14.37	-4.10	-388.39	-177.62	-962.05	27.67	318.49	294.35
15705	12.65	13.39	-4.10	-352.22	-197.30	-1004.55	6.77	255.63	205.84
15706	12.36	12.43	-4.10	-305.77	-209.68	-957.77	-12.75	216.87	164.50
15707	13.86	13.54	-4.10	-401.02	-150.61	-965.64	33.25	356.57	263.38
15708	13.48	12.78	-4.10	-365.99	-174.65	-1014.72	13.65	289.13	185.85
15709	13.10	12.03	-4.10	-323.41	-193.83	-980.53	-6.56	242.45	146.56
15710	14.74	12.66	-4.10	-405.34	-124.15	-972.60	39.67	394.62	229.71
15711	14.28	12.13	-4.10	-374.10	-151.10	-1025.54	21.50	324.52	165.60
15712	13.81	11.61	-4.10	-337.15	-178.16	-1005.42	1.27	271.59	125.84
15713	11.69	9.49	-2.70	-441.68	-248.60	-883.70	8.04	219.87	173.58
15714	12.72	9.44	-2.70	-500.38	-263.51	-939.53	7.13	252.11	144.16
15715	13.76	9.39	-2.70	-567.00	-281.22	-1013.04	5.89	296.51	105.21
15716	11.91	10.47	-2.70	-477.72	-286.80	-918.74	4.81	251.43	183.23
15717	12.81	10.33	-2.70	-534.46	-296.73	-968.98	3.77	282.32	154.12
15718	13.70	10.18	-2.70	-597.82	-307.38	-1033.53	2.78	319.70	118.44
15719	12.11	11.46	-2.70	-524.55	-330.77	-966.26	-4.85	284.44	188.02
15720	12.88	11.21	-2.70	-577.19	-333.93	-1008.39	-5.16	312.05	158.85
15721	13.63	10.96	-2.70	-636.57	-336.50	-1062.24	-5.46	346.45	128.95
15722	0.57	9.89	-2.70	-58.01	-202.45	-1105.38	55.04	-121.53	317.26
15723	1.70	9.88	-2.70	-66.68	-199.89	-1053.90	43.79	-68.93	311.45
15724	2.84	9.86	-2.70	-84.33	-198.91	-1003.13	34.00	-20.23	303.62
15725	3.96	9.83	-2.70	-110.18	-199.50	-954.69	25.81	23.91	293.94
15726	5.08	9.80	-2.70	-143.37	-201.65	-910.54	19.28	63.03	282.56
15727	6.20	9.76	-2.70	-182.96	-205.35	-873.08	14.45	97.03	269.60
15728	7.31	9.71	-2.70	-227.95	-210.60	-844.99	11.22	126.15	255.10
15729	8.42	9.66	-2.70	-277.27	-217.46	-829.21	9.38	151.13	238.97
15730	9.52	9.60	-2.70	-329.92	-225.97	-828.79	8.59	173.38	220.88
15731	10.62	9.54	-2.70	-385.14	-236.20	-846.67	8.34	195.20	200.24
15732	0.60	11.68	-2.70	-103.60	-268.97	-1135.36	65.62	-121.41	366.48
15733	1.80	11.64	-2.70	-109.72	-264.44	-1079.91	51.30	-66.54	358.69
15734	2.99	11.58	-2.70	-125.25	-261.27	-1026.66	38.78	-15.54	348.03
15735	4.16	11.50	-2.70	-149.29	-259.48	-977.16	28.26	30.98	334.85
15736	5.32	11.40	-2.70	-180.87	-259.07	-933.29	19.87	72.70	319.45
15737	6.47	11.28	-2.70	-219.05	-260.06	-897.24	13.61	109.63	302.09
15738	7.60	11.15	-2.70	-262.89	-262.50	-871.46	9.33	142.14	282.93
15739	8.72	10.99	-2.70	-311.52	-266.40	-858.58	6.78	171.02	261.96
15740	9.83	10.82	-2.70	-364.23	-271.78	-861.23	5.54	197.65	238.95
15741	10.92	10.63	-2.70	-420.65	-278.55	-882.06	5.16	224.04	213.13



Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
15742	0.63	13.48	-2.70	-162.98	-350.39	-1187.64	77.88	-124.29	408.12
15743	1.88	13.42	-2.70	-165.98	-343.36	-1127.57	59.88	-67.78	398.49
15744	3.11	13.32	-2.70	-178.69	-337.38	-1071.32	43.92	-14.75	385.33
15745	4.33	13.19	-2.70	-200.18	-332.48	-1020.22	30.25	34.30	369.08
15746	5.53	13.03	-2.70	-229.55	-328.70	-975.96	19.02	79.15	350.09
15747	6.70	12.83	-2.70	-265.92	-326.12	-940.50	10.25	119.87	328.72
15748	7.86	12.61	-2.70	-308.53	-324.78	-916.04	3.80	156.84	305.16
15749	8.99	12.35	-2.70	-356.76	-324.71	-904.90	-0.60	190.82	279.47
15750	10.11	12.06	-2.70	-410.19	-325.86	-909.40	-3.32	222.96	251.40
15751	11.19	11.74	-2.70	-468.64	-328.06	-932.00	-4.63	254.89	220.47
15752	0.65	15.28	-2.70	-240.55	-455.56	-1270.39	94.05	-131.64	447.62
15753	1.95	15.20	-2.70	-239.96	-445.22	-1204.92	71.42	-73.91	436.00
15754	3.22	15.07	-2.70	-249.41	-435.37	-1144.84	50.90	-19.01	420.37
15755	4.47	14.90	-2.70	-268.08	-426.12	-1091.33	32.82	32.71	401.11
15756	5.71	14.67	-2.70	-295.19	-417.54	-1045.88	17.39	81.08	378.59
15757	6.91	14.40	-2.70	-330.07	-409.72	-1010.24	4.70	126.19	353.14
15758	8.09	14.08	-2.70	-372.15	-402.71	-986.40	-5.30	168.36	324.98
15759	9.24	13.72	-2.70	-421.11	-396.47	-976.47	-12.77	208.18	294.16
15760	10.36	13.31	-2.70	-476.82	-390.83	-982.63	-17.93	246.50	260.55
15761	11.45	12.86	-2.70	-539.32	-385.67	-1007.13	-20.97	284.41	223.80
15762	0.67	17.07	-2.70	-353.41	-607.16	-1455.37	120.04	-149.43	477.37
15763	1.99	16.99	-2.70	-347.89	-591.89	-1380.56	91.07	-90.68	464.24
15764	3.30	16.84	-2.70	-353.02	-576.19	-1312.91	64.15	-33.57	446.67
15765	4.59	16.62	-2.70	-368.22	-560.16	-1253.30	39.77	21.43	425.10
15766	5.85	16.34	-2.70	-392.95	-543.88	-1203.03	18.24	74.19	399.84
15767	7.09	15.99	-2.70	-426.72	-527.40	-1163.60	-0.21	124.75	371.22
15768	8.29	15.58	-2.70	-469.20	-510.72	-1136.66	-15.43	173.30	339.57
15769	9.46	15.11	-2.70	-520.18	-493.70	-1123.90	-27.28	220.25	305.17
15770	10.60	14.58	-2.70	-579.67	-476.04	-1126.80	-35.68	266.26	268.29
15771	11.69	14.00	-2.70	-647.74	-457.36	-1147.01	-40.45	312.06	229.32
15772	0.68	18.88	-2.70	-514.26	-899.03	-1661.48	188.27	-154.57	620.17
15773	2.02	18.79	-2.70	-500.18	-874.83	-1576.96	142.99	-91.84	599.03
15774	3.36	18.61	-2.70	-498.54	-846.80	-1498.22	99.58	-30.24	575.06
15775	4.68	18.35	-2.70	-509.21	-814.86	-1426.62	58.88	30.30	548.03
15776	5.97	18.01	-2.70	-531.94	-779.30	-1363.53	21.72	89.78	518.15
15777	7.23	17.59	-2.70	-566.44	-740.43	-1310.39	-11.10	148.31	485.72
15778	8.47	17.09	-2.70	-612.30	-698.57	-1268.58	-38.78	206.13	451.07
15779	9.66	16.51	-2.70	-669.00	-654.01	-1239.35	-60.56	263.59	414.56
15780	10.81	15.87	-2.70	-735.80	-606.93	-1223.56	-75.64	321.17	376.49
15781	11.91	15.15	-2.70	-811.86	-557.80	-1221.43	-83.46	379.94	337.29
15782	16.80	9.56	-2.70	-1002.51	-324.01	-1245.90	25.48	621.23	18.25
15783	16.19	10.65	-2.70	-1079.55	-324.30	-1281.21	4.25	612.17	71.43
15784	15.52	11.69	-2.70	-1089.53	-359.74	-1287.57	-24.28	598.37	143.33
15785	15.79	9.48	-2.70	-783.52	-331.68	-1222.80	13.72	461.09	-4.22
15786	15.37	10.42	-2.70	-830.27	-344.85	-1252.17	2.00	456.51	34.38
15787	14.91	11.34	-2.70	-861.73	-368.96	-1266.63	-13.31	459.01	76.26
15788	14.78	9.40	-2.70	-656.11	-304.72	-1104.82	6.14	367.24	54.90
15789	14.55	10.21	-2.70	-690.62	-325.58	-1120.78	1.37	380.93	76.69
15790	14.30	11.00	-2.70	-719.66	-349.87	-1142.41	-9.24	388.98	96.76
15791	12.93	14.37	-2.70	-892.48	-507.49	-1230.69	-82.73	440.72	300.68
15792	12.65	13.39	-2.70	-714.48	-437.47	-1176.67	-40.62	354.59	194.06
15793	12.36	12.43	-2.70	-599.09	-380.52	-1041.13	-21.54	319.14	191.07
15794	13.86	13.54	-2.70	-969.43	-456.03	-1247.85	-73.19	496.05	257.65
15795	13.48	12.78	-2.70	-776.10	-416.30	-1210.66	-36.26	394.04	156.53
15796	13.10	12.03	-2.70	-651.82	-374.01	-1079.80	-19.82	348.59	159.30
15797	14.74	12.66	-2.70	-1042.90	-404.79	-1269.42	-55.35	550.16	211.78
15798	14.28	12.13	-2.70	-840.43	-393.50	-1251.09	-28.04	434.58	119.43
15799	13.81	11.61	-2.70	-707.82	-367.87	-1128.93	-15.45	380.03	121.91
15800	-11.68	9.51	-2.70	-591.94	-374.82	-1790.99	199.55	-653.67	253.92
15801	-12.72	9.46	-2.70	-703.59	-416.66	-1921.34	214.92	-686.38	247.40
15802	-13.75	9.41	-2.70	-837.90	-468.50	-2088.28	233.16	-720.69	242.07
15803	-11.88	10.52	-2.70	-664.68	-433.32	-1899.62	230.42	-661.31	282.87
15804	-12.79	10.37	-2.70	-766.87	-469.44	-2021.83	245.03	-692.63	275.70
15805	-13.68	10.21	-2.70	-884.64	-512.99	-2171.25	260.96	-723.40	270.18
15806	-12.07	11.53	-2.70	-752.63	-504.87	-2036.57	266.63	-670.97	313.87
15807	-12.84	11.27	-2.70	-841.74	-531.21	-2143.00	277.78	-700.32	303.74
15808	-13.60	11.00	-2.70	-943.71	-563.89	-2268.24	291.25	-733.82	301.07
15809	-0.57	9.91	-2.70	-58.70	-206.75	-1157.88	67.43	-177.10	320.87
15810	-1.70	9.91	-2.70	-69.15	-212.57	-1208.49	80.37	-233.29	322.16
15811	-2.83	9.90	-2.70	-89.09	-219.97	-1257.34	93.85	-289.81	320.85
15812	-3.95	9.88	-2.70	-118.61	-229.21	-1305.34	107.55	-345.50	317.20
15813	-5.07	9.84	-2.70	-157.61	-240.51	-1353.83	121.22	-399.31	311.46
15814	-6.18	9.80	-2.70	-205.92	-254.11	-1404.60	134.68	-450.35	303.93
15815	-7.30	9.75	-2.70	-263.38	-270.39	-1459.95	147.81	-498.00	294.98
15816	-8.41	9.70	-2.70	-330.04	-289.85	-1522.68	160.63	-541.92	285.05
15817	-9.51	9.64	-2.70	-406.32	-313.15	-1596.16	173.28	-582.19	274.69
15818	-10.61	9.57	-2.70	-493.40	-341.20	-1684.62	186.11	-619.32	264.56
15819	-0.59	11.71	-2.70	-106.93	-275.19	-1192.60	81.16	-178.25	370.95
15820	-1.77	11.71	-2.70	-120.89	-282.42	-1247.59	97.55	-235.86	372.50
15821	-2.95	11.68	-2.70	-144.16	-290.32	-1302.68	114.17	-293.33	370.57
15822	-4.11	11.61	-2.70	-176.85	-299.34	-1358.11	130.65	-349.59	365.52
15823	-5.27	11.51	-2.70	-218.84	-309.85	-1414.90	146.70	-403.74	357.71
15824	-6.41	11.39	-2.70	-269.96	-322.27	-1474.60	162.11	-455.04	347.61
15825	-7.55	11.25	-2.70	-330.12	-337.10	-1539.26	176.78	-503.03	335.75
15826	-8.67	11.09	-2.70	-399.42	-354.96	-1611.40	190.76	-547.51	322.74
15827	-9.78	10.90	-2.70	-478.33	-376.63	-1694.08	204.21	-588.65	309.21
15828	-10.88	10.70	-2.70	-568.02	-403.08	-1791.31	217.36	-627.06	295.80
15829	-0.61	13.51	-2.70	-169.71	-358.40	-1250.41	97.13	-182.13	413.86
15830	-1.83	13.49	-2.70	-186.77	-366.71	-1312.08	116.96	-240.10	415.89
15831	-3.05	13.43	-2.70	-213.29	-375.25	-1374.83	136.96	-297.88	413.99
15832	-4.25	13.31	-2.70	-249.23	-384.32	-1438.85	156.61	-354.44	408.45
15833	-5.44	13.16	-2.70	-294.46	-394.35	-1504.99	175.55	-408.97	399.72
15834	-6.62	12.97	-2.70	-348.85	-405.83	-1574.53	193.49	-460.82	388.33
15835	-7.78	12.73	-2.70	-412.33	-419.33	-1649.24	210.33	-509.63	374.88
15836	-8.92	12.46	-2.70	-485.09	-435.55	-1731.36	226.11	-555.26	360.04
15837	-10.04	12.16	-2.70	-567.62	-455.36	-1823.70	241.01	-597.85	344.48
15838	-11.14	11.82	-2.70	-660.76	-479.75	-1929.98	255.06	-637.74	328.85
15839	-0.63	15.30	-2.70	-251.14	-466.05	-1339.44	117.85	-190.21	454.97
15840	-1.89	15.26	-2.70	-271.83	-475.99	-1408.81	142.03	-248.43	457.99

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
15841	-3.14	15.16	-2.70	-302.14	-485.54	-1480.57	166.25	-306.44	456.74
15842	-4.39	15.01	-2.70	-342.05	-494.96	-1554.70	189.94	-363.33	451.54
15843	-5.61	14.79	-2.70	-391.45	-504.67	-1631.86	212.63	-418.40	442.78
15844	-6.82	14.52	-2.70	-450.23	-515.16	-1713.11	233.95	-471.12	430.96
15845	-8.00	14.20	-2.70	-518.38	-527.02	-1799.98	253.69	-521.14	416.68
15846	-9.16	13.83	-2.70	-596.08	-540.91	-1894.45	271.79	-568.36	400.62
15847	-10.30	13.41	-2.70	-683.79	-557.59	-1999.07	288.31	-612.90	383.56
15848	-11.40	12.94	-2.70	-782.15	-578.32	-2117.08	303.37	-655.10	366.82
15849	-0.65	17.09	-2.70	-369.43	-621.16	-1536.11	149.86	-208.58	486.18
15850	-1.95	17.03	-2.70	-395.90	-633.28	-1619.54	180.01	-267.30	490.47
15851	-3.24	16.90	-2.70	-432.35	-644.07	-1706.11	209.89	-325.44	490.49
15852	-4.52	16.69	-2.70	-478.71	-653.74	-1795.73	238.87	-382.44	486.44
15853	-5.78	16.42	-2.70	-534.83	-662.63	-1888.61	266.35	-437.78	478.81
15854	-7.01	16.08	-2.70	-600.48	-671.16	-1985.27	291.83	-491.09	468.24
15855	-8.22	15.66	-2.70	-675.51	-679.81	-2086.44	314.94	-542.22	455.55
15856	-9.40	15.19	-2.70	-759.80	-689.09	-2193.07	335.36	-591.39	441.74
15857	-10.54	14.65	-2.70	-853.49	-699.53	-2305.96	353.00	-639.44	428.15
15858	-11.65	14.06	-2.70	-956.59	-711.87	-2426.87	367.81	-687.26	416.61
15859	-0.67	18.88	-2.70	-540.47	-919.17	-1748.88	234.10	-218.14	638.82
15860	-2.01	18.80	-2.70	-578.10	-934.06	-1837.24	279.37	-282.06	653.23
15861	-3.33	18.63	-2.70	-627.00	-943.83	-1927.88	323.18	-346.62	663.98
15862	-4.65	18.38	-2.70	-686.53	-948.81	-2019.91	364.50	-411.61	671.55
15863	-5.94	18.04	-2.70	-755.97	-949.32	-2112.67	402.37	-477.00	676.29
15864	-7.20	17.62	-2.70	-834.45	-945.88	-2205.55	435.89	-542.89	678.63
15865	-8.44	17.12	-2.70	-921.01	-939.04	-2297.98	464.30	-609.60	679.08
15866	-9.63	16.54	-2.70	-1014.59	-929.47	-2389.35	486.98	-677.70	678.16
15867	-10.79	15.89	-2.70	-1114.06	-917.74	-2478.91	503.40	-748.10	676.27
15868	-11.89	15.17	-2.70	-1218.79	-904.96	-2565.29	513.81	-823.32	674.50
15869	-16.80	9.56	-2.70	-1634.45	-758.05	-2873.03	380.29	-1126.21	430.12
15870	-16.19	10.65	-2.70	-1613.08	-791.94	-2848.33	424.44	-1125.56	501.38
15871	-15.52	11.70	-2.70	-1582.06	-827.64	-2816.78	466.14	-1115.02	575.47
15872	-15.78	9.49	-2.70	-1255.04	-642.57	-2690.11	294.97	-831.28	266.09
15873	-15.36	10.44	-2.70	-1268.70	-680.61	-2730.12	328.68	-836.21	312.79
15874	-14.89	11.37	-2.70	-1282.96	-721.72	-2763.68	361.88	-845.17	363.52
15875	-14.77	9.41	-2.70	-1016.84	-540.08	-2320.02	259.75	-767.62	245.09
15876	-14.54	10.23	-2.70	-1047.72	-579.98	-2388.04	287.95	-768.94	277.14
15877	-14.28	11.03	-2.70	-1077.80	-623.28	-2463.13	316.14	-767.33	311.40
15878	-12.92	14.39	-2.70	-1323.14	-891.49	-2643.20	517.08	-904.77	672.82
15879	-12.62	13.44	-2.70	-1054.59	-722.75	-2538.02	376.97	-731.42	408.94
15880	-12.32	12.50	-2.70	-876.16	-598.80	-2227.92	314.66	-691.91	354.30
15881	-13.85	13.56	-2.70	-1418.91	-873.75	-2710.68	510.83	-977.99	660.77
15882	-13.46	12.82	-2.70	-1145.07	-729.47	-2634.48	380.25	-775.00	398.55
15883	-13.06	12.09	-2.70	-960.23	-615.90	-2329.07	321.83	-723.55	342.34
15884	-14.74	12.67	-2.70	-1512.14	-856.11	-2770.00	498.11	-1052.83	643.31
15885	-14.26	12.16	-2.70	-1239.93	-737.37	-2730.47	380.62	-822.99	393.77
15886	-13.79	11.65	-2.70	-1050.29	-635.11	-2442.69	326.38	-756.08	328.46
15887	-11.69	9.52	-4.10	-376.32	-243.67	-1723.47	143.94	-506.16	192.25
15888	-12.73	9.47	-4.10	-444.91	-261.21	-1850.14	144.25	-524.55	186.08
15889	-13.76	9.41	-4.10	-510.72	-277.62	-2002.56	139.56	-546.15	184.06
15890	-11.92	10.55	-4.10	-419.30	-271.70	-1830.27	156.48	-506.06	214.49
15891	-12.82	10.39	-4.10	-473.56	-281.09	-1942.71	153.27	-526.57	210.61
15892	-13.70	10.23	-4.10	-523.13	-288.36	-2071.38	145.29	-549.66	212.68
15893	-12.12	11.56	-4.10	-460.16	-294.42	-1953.80	164.79	-508.81	242.68
15894	-12.88	11.30	-4.10	-499.20	-295.65	-2044.53	157.94	-532.83	239.58
15895	-13.63	11.02	-4.10	-533.83	-294.19	-2141.31	147.84	-565.72	249.04
15896	-0.58	9.92	-4.10	73.37	-143.38	-1059.72	47.65	-160.40	262.34
15897	-1.72	9.95	-4.10	59.55	-147.35	-1110.75	60.28	-203.39	262.74
15898	-2.86	9.95	-4.10	38.13	-152.14	-1160.77	72.97	-246.61	260.65
15899	-3.99	9.92	-4.10	9.01	-158.14	-1211.00	85.41	-289.02	256.47
15900	-5.11	9.89	-4.10	-27.63	-165.54	-1262.79	97.33	-329.71	250.47
15901	-6.22	9.84	-4.10	-71.42	-174.45	-1317.78	108.50	-367.90	242.89
15902	-7.33	9.79	-4.10	-121.89	-184.97	-1377.98	118.67	-402.96	234.02
15903	-8.43	9.72	-4.10	-178.47	-197.21	-1445.79	127.64	-434.39	224.16
15904	-9.53	9.66	-4.10	-240.50	-211.20	-1524.01	135.12	-461.96	213.73
15905	-10.63	9.58	-4.10	-307.19	-226.85	-1615.99	140.73	-485.82	203.37
15906	-0.61	11.75	-4.10	24.09	-198.49	-1103.69	58.22	-157.19	301.07
15907	-1.82	11.80	-4.10	6.36	-204.51	-1160.88	74.26	-202.42	302.35
15908	-3.02	11.78	-4.10	-18.07	-209.66	-1218.22	89.69	-246.76	299.92
15909	-4.19	11.72	-4.10	-49.44	-214.77	-1276.41	104.22	-289.55	294.43
15910	-5.35	11.61	-4.10	-87.56	-220.29	-1336.48	117.55	-330.11	286.39
15911	-6.49	11.48	-4.10	-132.01	-226.53	-1399.82	129.42	-367.84	276.27
15912	-7.62	11.33	-4.10	-182.21	-233.70	-1468.18	139.56	-402.28	264.56
15913	-8.74	11.15	-4.10	-237.46	-241.94	-1543.62	147.71	-433.16	251.81
15914	-9.84	10.95	-4.10	-296.90	-251.27	-1628.54	153.52	-460.51	238.69
15915	-10.93	10.74	-4.10	-359.36	-261.55	-1725.62	156.51	-484.92	226.11
15916	-0.63	13.54	-4.10	-36.45	-258.30	-1167.91	71.06	-155.89	331.52
15917	-1.87	13.57	-4.10	-55.64	-264.14	-1232.10	89.12	-200.67	332.62
15918	-3.11	13.53	-4.10	-81.64	-268.77	-1297.43	106.52	-244.67	329.98
15919	-4.33	13.43	-4.10	-114.28	-272.54	-1364.22	122.67	-287.14	324.01
15920	-5.53	13.27	-4.10	-153.13	-275.81	-1433.19	137.07	-327.39	315.17
15921	-6.71	13.07	-4.10	-197.57	-278.87	-1505.41	149.31	-364.88	304.04
15922	-7.86	12.82	-4.10	-246.81	-281.96	-1582.21	159.02	-399.31	291.29
15923	-9.00	12.54	-4.10	-299.84	-285.20	-1665.21	165.82	-430.64	277.72
15924	-10.11	12.22	-4.10	-355.38	-288.56	-1756.18	169.25	-459.24	264.42
15925	-11.20	11.87	-4.10	-411.70	-291.88	-1856.80	168.79	-485.98	252.70
15926	-0.64	15.32	-4.10	-109.88	-321.35	-1268.66	87.23	-156.29	352.13
15927	-1.92	15.32	-4.10	-130.05	-325.86	-1341.09	106.81	-199.87	353.74
15928	-3.19	15.25	-4.10	-156.72	-328.43	-1415.37	125.32	-242.77	351.83
15929	-4.44	15.10	-4.10	-189.52	-329.27	-1491.53	142.07	-284.35	346.81
15930	-5.68	14.89	-4.10	-227.81	-328.62	-1569.86	156.41	-324.13	339.23
15931	-6.89	14.61	-4.10	-270.67	-326.70	-1650.87	167.78	-361.79	329.80
15932	-8.07	14.28	-4.10	-317.00	-323.73	-1735.24	175.64	-397.32	319.42
15933	-9.23	13.90	-4.10	-365.40	-319.82	-1823.61	179.55	-431.16	309.23
15934	-10.35	13.47	-4.10	-414.09	-314.99	-1916.47	179.03	-464.31	300.72
15935	-11.45	12.99	-4.10	-460.80	-308.96	-2013.85	173.72	-498.55	296.10
15936	-0.66	17.10	-4.10	-195.05	-362.80	-1427.07	110.94	-155.45	389.18
15937	-1.97	17.07	-4.10	-215.22	-363.54	-1506.16	130.04	-198.62	395.63
15938	-3.27	16.95	-4.10	-241.03	-361.41	-1586.52	147.34	-241.75	399.44
15939	-4.55	16.76	-4.10	-271.78	-356.65	-1667.71	162.07	-284.61	401.02

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
15940	-5.82	16.48	-4.10	-306.53	-349.53	-1749.29	173.52	-327.07	400.97
15941	-7.06	16.14	-4.10	-344.06	-340.39	-1830.83	181.11	-369.25	400.02
15942	-8.27	15.72	-4.10	-382.94	-329.63	-1911.90	184.38	-411.56	399.01
15943	-9.44	15.24	-4.10	-421.53	-317.62	-1991.78	183.03	-454.85	398.88
15944	-10.58	14.69	-4.10	-458.06	-304.80	-2069.37	177.00	-500.48	400.64
15945	-11.68	14.09	-4.10	-490.27	-291.29	-2143.01	166.33	-550.81	405.62
15946	-0.67	18.89	-4.10	-257.96	-356.03	-1453.89	139.80	-144.00	570.53
15947	-2.01	18.81	-4.10	-274.94	-352.21	-1527.10	156.30	-195.31	588.38
15948	-3.34	18.65	-4.10	-296.41	-345.14	-1601.00	170.28	-248.53	603.24
15949	-4.66	18.40	-4.10	-321.47	-335.22	-1674.69	181.12	-303.48	615.15
15950	-5.95	18.06	-4.10	-349.06	-323.03	-1747.29	188.29	-360.03	624.10
15951	-7.22	17.64	-4.10	-377.97	-309.22	-1817.97	191.45	-418.10	630.09
15952	-8.45	17.14	-4.10	-406.92	-294.50	-1885.88	190.46	-477.66	633.06
15953	-9.65	16.56	-4.10	-434.66	-279.56	-1950.07	185.40	-538.74	632.91
15954	-10.80	15.91	-4.10	-459.97	-265.13	-2009.36	176.63	-601.47	629.38
15955	-11.91	15.18	-4.10	-481.97	-252.12	-2062.16	164.75	-666.18	622.00
15956	-16.80	9.56	-4.10	-569.17	-235.69	-2288.66	84.28	-942.03	403.65
15957	-16.19	10.66	-4.10	-555.50	-230.85	-2255.11	97.54	-924.54	461.52
15958	-15.52	11.71	-4.10	-541.34	-226.65	-2214.95	110.12	-898.61	517.61
15959	-15.79	9.49	-4.10	-581.05	-276.08	-2347.52	99.11	-712.58	268.33
15960	-15.37	10.45	-4.10	-568.36	-270.20	-2339.95	106.03	-724.42	321.42
15961	-14.91	11.38	-4.10	-555.45	-262.88	-2319.71	112.94	-734.25	377.91
15962	-14.78	9.42	-4.10	-565.61	-287.92	-2188.71	125.93	-594.78	201.68
15963	-14.55	10.24	-4.10	-562.68	-290.07	-2226.08	130.33	-605.10	239.64
15964	-14.30	11.05	-4.10	-555.95	-288.33	-2255.22	133.50	-614.23	283.85
15965	-12.93	14.40	-4.10	-500.44	-241.97	-2107.85	151.87	-731.72	612.43
15966	-12.65	13.47	-4.10	-514.05	-279.29	-2204.19	153.14	-601.67	412.76
15967	-12.36	12.53	-4.10	-497.69	-302.68	-2098.96	165.05	-531.98	297.09
15968	-13.86	13.57	-4.10	-515.83	-233.72	-2146.99	138.53	-790.91	592.68
15969	-13.48	12.84	-4.10	-531.46	-269.58	-2251.53	139.52	-651.12	413.42
15970	-13.10	12.11	-4.10	-524.11	-296.43	-2168.57	154.26	-565.52	298.58
15971	-14.74	12.68	-4.10	-527.88	-227.55	-2178.93	124.34	-848.34	566.87
15972	-14.28	12.17	-4.10	-543.90	-260.52	-2289.36	124.89	-704.29	414.64
15973	-13.81	11.67	-4.10	-544.84	-289.88	-2235.14	140.81	-604.01	299.87
15974	-11.71	9.53	-5.50	-109.69	-82.65	-1658.32	81.71	-428.96	178.09
15975	-12.74	9.47	-5.50	-139.65	-81.16	-1769.82	72.54	-460.47	185.35
15976	-13.77	9.42	-5.50	-157.18	-75.21	-1887.55	58.53	-506.84	202.04
15977	-11.96	10.58	-5.50	-125.62	-84.13	-1750.79	79.83	-443.50	214.36
15978	-12.84	10.41	-5.50	-144.07	-77.61	-1839.48	69.19	-479.34	225.04
15979	-13.73	10.24	-5.50	-153.28	-68.08	-1926.41	55.77	-526.16	244.35
15980	-12.16	11.60	-5.50	-133.78	-75.41	-1838.48	73.22	-468.11	265.69
15981	-12.92	11.33	-5.50	-143.57	-67.05	-1898.97	63.09	-506.70	275.29
15982	-13.66	11.04	-5.50	-148.41	-57.12	-1952.23	52.68	-557.09	295.79
15983	-0.59	9.94	-5.50	237.91	-56.92	-982.56	22.99	-142.75	214.47
15984	-1.75	10.00	-5.50	221.44	-58.06	-1034.24	34.93	-174.63	214.65
15985	-2.89	10.00	-5.50	199.52	-59.41	-1085.39	46.45	-207.13	212.79
15986	-4.03	9.97	-5.50	172.05	-61.32	-1137.40	57.21	-239.27	209.43
15987	-5.15	9.93	-5.50	139.32	-63.88	-1191.66	66.91	-270.43	204.88
15988	-6.26	9.88	-5.50	101.94	-67.03	-1249.70	75.24	-300.12	199.49
15989	-7.36	9.82	-5.50	60.79	-70.66	-1313.27	81.84	-328.02	193.62
15990	-8.46	9.75	-5.50	17.09	-74.52	-1384.24	86.33	-354.09	187.79
15991	-9.56	9.68	-5.50	-27.56	-78.22	-1464.60	88.19	-378.71	182.71
15992	-10.65	9.60	-5.50	-71.00	-81.21	-1556.20	86.82	-403.07	179.57
15993	-0.63	11.78	-5.50	189.43	-94.91	-1034.06	29.23	-136.67	248.69
15994	-1.87	11.88	-5.50	169.28	-97.41	-1093.67	43.95	-171.96	251.03
15995	-3.08	11.89	-5.50	145.27	-98.19	-1153.17	57.35	-206.47	249.95
15996	-4.27	11.82	-5.50	117.13	-98.11	-1213.55	69.11	-239.81	246.36
15997	-5.43	11.72	-5.50	85.13	-97.57	-1275.84	78.93	-271.72	240.98
15998	-6.58	11.57	-5.50	49.93	-96.72	-1341.26	86.53	-301.99	234.48
15999	-7.70	11.41	-5.50	12.51	-95.61	-1411.12	91.57	-330.64	227.53
16000	-8.81	11.21	-5.50	-25.82	-94.09	-1486.77	93.70	-358.01	220.99
16001	-9.90	11.00	-5.50	-63.43	-91.90	-1569.39	92.54	-384.95	215.91
16002	-10.97	10.78	-5.50	-98.20	-88.65	-1659.60	87.75	-413.21	213.70
16003	-0.64	13.57	-5.50	133.52	-127.12	-1104.56	37.24	-133.09	279.32
16004	-1.92	13.65	-5.50	113.91	-127.66	-1171.33	52.30	-168.49	282.29
16005	-3.17	13.63	-5.50	90.56	-126.30	-1238.79	65.88	-203.51	282.32
16006	-4.40	13.54	-5.50	63.72	-123.36	-1307.14	77.40	-237.75	279.98
16007	-5.61	13.38	-5.50	34.01	-119.14	-1376.89	86.40	-270.94	275.94
16008	-6.79	13.17	-5.50	2.35	-113.88	-1448.66	92.49	-303.04	270.97
16009	-7.95	12.91	-5.50	-30.08	-107.72	-1523.11	95.36	-334.33	265.96
16010	-9.07	12.61	-5.50	-61.87	-100.73	-1600.69	94.77	-365.51	261.96
16011	-10.18	12.28	-5.50	-91.30	-92.83	-1681.46	90.51	-397.85	260.30
16012	-11.25	11.92	-5.50	-116.51	-83.95	-1764.67	82.68	-433.13	262.31
16013	-0.65	15.34	-5.50	72.90	-142.36	-1201.99	46.71	-130.46	315.24
16014	-1.95	15.38	-5.50	55.63	-139.29	-1274.04	60.55	-166.20	321.26
16015	-3.24	15.33	-5.50	35.17	-134.12	-1346.79	72.48	-202.25	324.97
16016	-4.50	15.19	-5.50	12.06	-127.09	-1419.88	81.98	-238.36	326.87
16017	-5.75	14.98	-5.50	-12.87	-118.52	-1493.10	88.59	-274.47	327.58
16018	-6.96	14.70	-5.50	-38.56	-108.74	-1566.30	91.96	-310.78	327.82
16019	-8.14	14.36	-5.50	-63.80	-98.10	-1639.19	91.95	-347.76	328.38
16020	-9.30	13.97	-5.50	-87.28	-86.92	-1711.19	88.56	-386.33	330.17
16021	-10.41	13.52	-5.50	-107.62	-75.55	-1781.17	82.06	-427.85	334.15
16022	-11.50	13.03	-5.50	-123.49	-63.94	-1847.16	72.96	-474.17	341.64
16023	-0.66	17.12	-5.50	17.00	-125.87	-1293.56	57.00	-127.63	397.24
16024	-1.99	17.11	-5.50	4.17	-119.62	-1364.02	67.67	-166.78	410.19
16025	-3.30	17.01	-5.50	-11.04	-111.53	-1434.41	76.37	-207.41	421.08
16026	-4.59	16.82	-5.50	-28.02	-101.99	-1503.89	82.69	-249.40	430.14
16027	-5.86	16.55	-5.50	-45.98	-91.45	-1571.66	86.36	-292.79	437.66
16028	-7.10	16.20	-5.50	-64.05	-80.39	-1636.94	87.27	-337.71	443.95
16029	-8.31	15.78	-5.50	-81.33	-69.35	-1698.85	85.55	-384.47	449.29
16030	-9.49	15.29	-5.50	-97.03	-58.81	-1756.31	81.53	-433.52	453.86
16031	-10.62	14.73	-5.50	-110.55	-49.25	-1807.96	75.82	-485.48	457.75
16032	-11.72	14.12	-5.50	-121.62	-41.06	-1852.03	69.16	-541.32	460.96
16033	-0.67	18.89	-5.50	-19.07	-117.90	-1240.79	64.03	-126.46	555.77
16034	-2.02	18.83	-5.50	-25.93	-112.32	-1302.25	73.63	-173.41	574.47
16035	-3.35	18.67	-5.50	-35.08	-105.14	-1363.68	81.85	-222.75	590.09
16036	-4.67	18.42	-5.50	-46.09	-96.73	-1424.17	88.41	-274.26	602.43
16037	-5.97	18.09	-5.50	-58.48	-87.50	-1482.90	93.12	-327.71	611.26
16038	-7.24	17.66	-5.50	-71.70	-77.91	-1539.12	95.93	-382.81	616.36

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
16039	-8.47	17.16	-5.50	-85.26	-68.37	-1592.08	96.90	-439.22	617.48
16040	-9.66	16.58	-5.50	-98.75	-59.29	-1641.05	96.22	-496.60	614.41
16041	-10.82	15.92	-5.50	-111.89	-50.97	-1685.23	94.17	-554.59	606.88
16042	-11.92	15.19	-5.50	-124.75	-43.88	-1723.80	91.23	-612.81	594.43
16043	-16.80	9.56	-5.50	-177.72	-19.92	-1908.70	49.99	-868.98	389.57
16044	-16.20	10.66	-5.50	-173.71	-21.21	-1877.31	60.79	-845.34	439.56
16045	-15.53	11.71	-5.50	-168.50	-23.87	-1841.75	71.09	-816.13	486.87
16046	-15.79	9.49	-5.50	-154.29	-37.50	-2017.56	31.66	-722.69	312.59
16047	-15.38	10.45	-5.50	-150.89	-32.07	-1990.42	38.77	-725.43	363.15
16048	-14.92	11.39	-5.50	-148.38	-28.70	-1954.79	47.10	-722.91	412.45
16049	-14.78	9.42	-5.50	-158.11	-59.48	-1989.05	40.76	-594.97	243.33
16050	-14.57	10.25	-5.50	-151.81	-51.50	-1992.18	41.69	-612.26	289.66
16051	-14.32	11.06	-5.50	-145.76	-43.31	-1982.79	44.32	-624.16	339.32
16052	-12.94	14.41	-5.50	-137.08	-38.35	-1757.55	88.02	-669.82	579.90
16053	-12.67	13.49	-5.50	-129.65	-35.23	-1885.94	63.07	-594.87	462.87
16054	-12.40	12.57	-5.50	-133.02	-54.22	-1898.71	63.68	-520.00	351.33
16055	-13.87	13.57	-5.50	-148.33	-32.95	-1787.14	83.89	-721.76	556.83
16056	-13.50	12.86	-5.50	-136.56	-31.36	-1910.67	58.17	-643.30	456.39
16057	-13.13	12.14	-5.50	-138.79	-47.41	-1935.03	55.81	-563.12	357.26
16058	-14.75	12.68	-5.50	-159.22	-28.41	-1811.85	79.25	-771.46	529.11
16059	-14.30	12.19	-5.50	-143.31	-28.51	-1928.00	54.02	-691.58	447.53
16060	-13.84	11.69	-5.50	-142.55	-41.71	-1963.06	48.67	-609.41	359.54
16061	-11.72	9.54	-6.90	150.04	71.86	-1565.72	39.05	-395.56	188.65
16062	-12.75	9.48	-6.90	133.98	79.53	-1651.15	31.45	-442.02	205.89
16063	-13.77	9.42	-6.90	124.78	89.75	-1727.01	23.31	-504.04	230.64
16064	-11.99	10.60	-6.90	141.84	78.86	-1631.89	35.18	-425.14	238.49
16065	-12.87	10.43	-6.90	131.87	87.23	-1691.50	28.99	-471.69	255.08
16066	-13.75	10.25	-6.90	125.47	96.44	-1739.70	23.54	-526.92	276.36
16067	-12.21	11.63	-6.90	137.59	89.87	-1676.88	31.62	-462.13	300.72
16068	-12.95	11.35	-6.90	130.67	96.49	-1712.00	27.81	-504.71	310.48
16069	-13.68	11.06	-6.90	123.97	102.57	-1737.63	25.97	-554.48	325.84
16070	-10.60	9.96	-6.90	430.41	45.78	-919.32	-5.00	-125.24	177.74
16071	-1.77	10.04	-6.90	411.44	47.86	-971.20	6.46	-148.38	178.53
16072	-2.93	10.05	-6.90	389.19	49.99	-1022.54	17.16	-172.82	177.92
16073	-4.06	10.02	-6.90	363.36	51.92	-1074.84	26.76	-197.74	176.54
16074	-5.19	9.98	-6.90	334.22	53.68	-1129.45	34.99	-222.83	174.81
16075	-6.30	9.92	-6.90	302.44	55.36	-1187.69	41.54	-247.99	173.17
16076	-7.40	9.85	-6.90	269.00	57.15	-1250.86	46.11	-273.35	172.15
16077	-8.49	9.78	-6.90	235.23	59.33	-1320.09	48.36	-299.40	172.37
16078	-9.58	9.70	-6.90	202.77	62.26	-1396.19	48.00	-327.15	174.71
16079	-10.67	9.61	-6.90	173.54	66.32	-1479.13	44.82	-358.49	180.36
16080	-0.65	11.82	-6.90	382.59	22.04	-973.78	-3.29	-117.76	213.41
16081	-1.92	11.97	-6.90	360.28	23.65	-1034.65	10.41	-146.07	218.74
16082	-3.15	11.99	-6.90	336.85	27.11	-1094.69	22.41	-174.23	220.90
16083	-4.35	11.93	-6.90	311.69	31.60	-1154.95	32.36	-202.12	221.07
16084	-5.52	11.82	-6.90	284.98	36.77	-1216.37	40.10	-229.87	220.22
16085	-6.66	11.66	-6.90	257.28	42.46	-1279.83	45.45	-257.68	219.18
16086	-7.78	11.48	-6.90	229.47	48.63	-1346.07	48.27	-286.01	218.71
16087	-8.88	11.28	-6.90	202.65	55.31	-1415.54	48.46	-315.64	219.69
16088	-9.96	11.05	-6.90	178.11	62.61	-1488.07	46.01	-347.80	223.04
16089	-11.02	10.81	-6.90	157.09	70.60	-1562.54	41.22	-384.43	229.73
16090	-0.66	13.60	-6.90	330.54	9.14	-1041.76	0.20	-114.40	253.97
16091	-1.96	13.73	-6.90	310.40	13.51	-1108.48	13.34	-144.39	261.64
16092	-3.23	13.74	-6.90	289.28	19.51	-1174.84	24.65	-174.90	266.83
16093	-4.48	13.65	-6.90	267.08	26.80	-1240.75	33.70	-205.87	270.24
16094	-5.69	13.49	-6.90	244.26	35.03	-1306.41	40.25	-237.33	272.59
16095	-6.88	13.27	-6.90	221.48	43.93	-1372.05	44.18	-269.52	274.59
16096	-8.03	13.00	-6.90	199.56	53.24	-1437.67	45.50	-302.94	277.00
16097	-9.15	12.69	-6.90	179.38	62.74	-1502.91	44.37	-338.41	280.57
16098	-10.24	12.34	-6.90	161.78	72.27	-1566.81	41.12	-377.04	286.07
16099	-11.31	11.96	-6.90	147.38	81.70	-1627.66	36.34	-420.07	293.96
16100	-0.66	15.37	-6.90	278.04	12.15	-1117.52	4.12	-112.97	311.31
16101	-1.98	15.44	-6.90	262.37	19.05	-1185.02	15.52	-145.56	323.20
16102	-3.28	15.41	-6.90	245.86	27.33	-1251.99	25.06	-179.56	332.99
16103	-4.56	15.29	-6.90	228.70	36.65	-1317.72	32.46	-214.90	341.09
16104	-5.81	15.08	-6.90	211.38	46.62	-1381.75	37.57	-251.62	347.87
16105	-7.03	14.79	-6.90	194.47	56.84	-1443.63	40.40	-289.88	353.74
16106	-8.21	14.44	-6.90	178.56	66.94	-1502.76	41.14	-329.99	359.09
16107	-9.36	14.04	-6.90	164.14	76.57	-1558.28	40.16	-372.44	364.22
16108	-10.47	13.58	-6.90	151.54	85.43	-1608.97	38.02	-417.82	369.39
16109	-11.55	13.08	-6.90	140.79	93.48	-1653.22	35.41	-466.80	374.96
16110	-0.67	17.13	-6.90	231.46	23.51	-1159.92	7.74	-114.16	404.69
16111	-2.00	17.15	-6.90	221.57	30.44	-1221.54	17.35	-151.47	420.90
16112	-3.33	17.06	-6.90	210.85	38.46	-1282.42	25.61	-190.86	434.72
16113	-4.63	16.88	-6.90	199.44	47.17	-1341.61	32.32	-232.23	446.15
16114	-5.90	16.61	-6.90	187.65	56.23	-1398.34	37.41	-275.46	455.19
16115	-7.15	16.26	-6.90	175.84	65.27	-1451.89	40.94	-320.44	461.83
16116	-8.36	15.83	-6.90	164.32	73.95	-1501.53	43.10	-367.06	466.04
16117	-9.53	15.34	-6.90	153.26	82.01	-1546.46	44.21	-415.23	467.76
16118	-10.66	14.78	-6.90	142.67	89.29	-1585.79	44.69	-464.87	466.84
16119	-11.75	14.15	-6.90	132.37	95.60	-1618.60	44.94	-516.09	463.17
16120	-0.68	18.90	-6.90	195.66	9.89	-1095.72	10.60	-119.92	520.04
16121	-2.02	18.84	-6.90	191.67	14.85	-1149.64	20.98	-162.17	536.92
16122	-3.36	18.69	-6.90	186.24	21.11	-1203.29	30.67	-206.61	550.74
16123	-4.68	18.44	-6.90	179.44	28.49	-1255.89	39.45	-253.07	561.27
16124	-5.98	18.11	-6.90	171.44	36.72	-1306.77	47.15	-301.27	568.22
16125	-7.25	17.69	-6.90	162.46	45.53	-1355.37	53.64	-350.83	571.36
16126	-8.49	17.18	-6.90	152.71	54.68	-1401.13	58.87	-401.32	570.46
16127	-9.68	16.60	-6.90	142.41	63.94	-1443.53	62.84	-452.30	565.35
16128	-10.83	15.94	-6.90	131.69	73.11	-1482.08	65.60	-503.29	555.87
16129	-11.93	15.20	-6.90	120.57	81.92	-1516.39	67.30	-553.79	541.70
16130	-16.80	9.56	-6.90	68.16	125.16	-1680.47	46.20	-782.70	356.50
16131	-16.20	10.66	-6.90	73.06	120.10	-1653.66	54.34	-758.25	399.61
16132	-15.53	11.71	-6.90	79.25	113.69	-1623.84	61.45	-729.65	439.99
16133	-15.80	9.49	-6.90	100.29	115.55	-1763.49	25.82	-690.82	316.25
16134	-15.39	10.46	-6.90	100.31	115.22	-1735.17	33.32	-685.04	359.31
16135	-14.94	11.40	-6.90	100.80	112.92	-1701.89	40.90	-674.48	399.49
16136	-14.79	9.43	-6.90	116.34	103.25	-1773.13	19.11	-593.50	269.60
16137	-14.59	10.26	-6.90	116.07	106.68	-1760.80	23.35	-604.92	312.51

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
16138	-14.34	11.08	-6.90	115.94	108.39	-1739.40	29.08	-608.68	354.96
16139	-12.95	14.42	-6.90	109.58	89.76	-1546.93	68.19	-602.78	526.12
16140	-12.70	13.52	-6.90	123.43	100.50	-1644.12	45.21	-563.36	457.94
16141	-12.44	12.60	-6.90	132.89	99.46	-1685.39	33.38	-512.70	380.08
16142	-13.88	13.58	-6.90	99.11	97.91	-1574.04	67.68	-647.70	503.27
16143	-13.53	12.88	-6.90	115.04	104.94	-1663.52	45.25	-604.97	445.64
16144	-13.16	12.16	-6.90	125.89	103.44	-1706.33	32.33	-552.66	380.01
16145	-14.76	12.69	-6.90	88.65	105.67	-1597.43	66.19	-690.30	476.65
16146	-14.31	12.20	-6.90	106.26	109.13	-1678.00	45.19	-644.99	430.97
16147	-13.87	11.71	-6.90	118.68	107.13	-1720.89	31.83	-592.72	375.12
16148	-11.74	9.55	-8.30	385.57	210.62	-1451.03	18.43	-371.19	198.22
16149	-12.76	9.49	-8.30	366.52	217.38	-1513.42	16.91	-423.14	217.92
16150	-13.78	9.43	-8.30	348.20	224.75	-1563.13	16.94	-485.10	240.84
16151	-12.03	10.63	-8.30	372.05	213.97	-1494.01	19.10	-406.93	252.39
16152	-12.90	10.45	-8.30	357.22	219.78	-1534.35	19.36	-453.77	267.09
16153	-13.77	10.27	-8.30	342.26	225.47	-1564.12	21.08	-504.45	282.83
16154	-12.25	11.67	-8.30	359.67	215.99	-1514.26	22.37	-443.43	310.92
16155	-12.99	11.38	-8.30	347.67	220.57	-1537.85	23.84	-482.11	316.32
16156	-13.71	11.08	-8.30	334.27	224.26	-1554.41	27.07	-524.61	324.63
16157	-0.61	9.98	-8.30	646.08	158.68	-864.45	-35.16	-107.82	148.91
16158	-1.80	10.08	-8.30	624.18	163.28	-915.15	-23.44	-124.25	150.81
16159	-2.96	10.10	-8.30	601.07	168.07	-965.13	-12.64	-142.75	151.98
16160	-4.10	10.07	-8.30	575.98	172.93	-1015.71	-3.03	-162.65	152.97
16161	-5.22	10.02	-8.30	548.90	177.78	-1068.13	5.17	-183.92	154.31
16162	-6.33	9.96	-8.30	520.28	182.65	-1123.41	11.78	-206.73	156.50
16163	-7.43	9.88	-8.30	490.89	187.61	-1182.38	16.62	-231.54	160.08
16164	-8.52	9.80	-8.30	461.68	192.77	-1245.47	19.58	-259.07	165.62
16165	-9.61	9.72	-8.30	433.73	198.29	-1312.54	20.65	-290.49	173.75
16166	-10.69	9.63	-8.30	408.05	204.24	-1382.36	20.05	-327.43	185.12
16167	-0.66	11.85	-8.30	597.62	143.19	-915.80	-37.09	-99.81	188.71
16168	-1.97	12.05	-8.30	572.38	148.30	-975.85	-23.06	-123.46	198.29
16169	-3.22	12.09	-8.30	548.34	154.78	-1034.13	-10.90	-147.66	204.50
16170	-4.43	12.04	-8.30	524.40	161.83	-1091.47	-0.81	-172.60	208.66
16171	-5.60	11.92	-8.30	500.29	169.17	-1148.82	7.22	-198.49	212.03
16172	-6.74	11.76	-8.30	476.17	176.68	-1206.76	13.22	-225.74	215.49
16173	-7.85	11.56	-8.30	452.46	184.29	-1265.62	17.25	-254.96	219.73
16174	-8.94	11.34	-8.30	429.71	191.91	-1325.29	19.44	-286.91	225.38
16175	-10.01	11.10	-8.30	408.46	199.49	-1385.06	20.07	-322.58	232.93
16176	-11.07	10.85	-8.30	388.98	207.00	-1443.15	19.65	-363.06	242.61
16177	-0.67	13.63	-8.30	546.05	135.65	-973.36	-37.22	-98.23	238.53
16178	-2.00	13.80	-8.30	523.79	142.16	-1037.48	-23.56	-125.14	251.02
16179	-3.30	13.84	-8.30	502.61	149.88	-1099.95	-11.61	-153.18	261.02
16180	-4.56	13.76	-8.30	481.91	158.45	-1160.43	-1.68	-182.74	269.16
16181	-5.78	13.60	-8.30	461.63	167.47	-1219.23	6.17	-213.80	276.01
16182	-6.96	13.37	-8.30	441.92	176.61	-1276.38	12.02	-246.54	282.10
16183	-8.11	13.09	-8.30	423.02	185.59	-1331.72	16.08	-281.28	287.93
16184	-9.23	12.77	-8.30	405.17	194.20	-1384.75	18.68	-318.52	293.90
16185	-10.31	12.40	-8.30	388.49	202.25	-1434.58	20.27	-358.75	300.27
16186	-11.36	12.01	-8.30	372.91	209.72	-1479.56	21.35	-402.21	307.01
16187	-0.67	15.39	-8.30	494.29	134.37	-1026.23	-36.36	-99.37	305.43
16188	-2.01	15.50	-8.30	477.40	141.38	-1087.86	-23.46	-130.03	321.26
16189	-3.33	15.50	-8.30	461.06	149.41	-1148.06	-12.04	-162.54	334.66
16190	-4.62	15.38	-8.30	445.01	158.17	-1206.03	-2.27	-197.03	345.81
16191	-5.88	15.17	-8.30	429.26	167.25	-1261.45	5.81	-233.39	354.88
16192	-7.10	14.88	-8.30	413.88	176.33	-1313.89	12.32	-271.52	362.07
16193	-8.28	14.52	-8.30	398.96	185.13	-1362.86	17.46	-311.41	367.54
16194	-9.43	14.11	-8.30	384.51	193.41	-1407.76	21.57	-353.09	371.39
16195	-10.53	13.64	-8.30	370.43	201.02	-1447.84	25.05	-396.61	373.68
16196	-11.60	13.12	-8.30	356.50	207.95	-1481.99	28.32	-441.88	374.67
16197	-0.68	17.15	-8.30	445.64	128.43	-1044.20	-34.56	-104.29	391.51
16198	-2.02	17.18	-8.30	434.88	134.14	-1099.13	-21.90	-139.20	408.32
16199	-3.36	17.11	-8.30	423.98	140.94	-1152.98	-10.14	-176.10	422.43
16200	-4.67	16.94	-8.30	412.78	148.56	-1204.86	0.51	-215.03	433.71
16201	-5.95	16.67	-8.30	401.23	156.72	-1254.29	9.97	-255.73	442.04
16202	-7.20	16.32	-8.30	389.38	165.16	-1300.73	18.25	-297.90	447.35
16203	-8.41	15.89	-8.30	377.24	173.67	-1343.68	25.43	-341.23	449.57
16204	-9.58	15.39	-8.30	364.81	182.06	-1382.60	31.63	-385.41	448.66
16205	-10.70	14.82	-8.30	351.99	190.21	-1417.02	37.02	-430.13	444.54
16206	-11.79	14.19	-8.30	338.64	197.97	-1446.33	41.83	-475.33	437.31
16207	-0.68	18.90	-8.30	402.02	100.15	-990.09	-31.37	-113.86	475.66
16208	-2.03	18.85	-8.30	397.22	104.47	-1039.19	-17.41	-151.44	490.31
16209	-3.37	18.70	-8.30	391.34	110.28	-1087.85	-3.91	-190.86	502.12
16210	-4.70	18.46	-8.30	384.28	117.45	-1135.45	8.89	-232.05	510.90
16211	-6.00	18.13	-8.30	376.05	125.82	-1181.52	20.78	-274.74	516.37
16212	-7.27	17.71	-8.30	366.69	135.18	-1225.62	31.58	-318.57	518.31
16213	-8.50	17.20	-8.30	356.29	145.34	-1267.32	41.13	-363.13	516.52
16214	-9.70	16.62	-8.30	344.95	156.10	-1306.23	49.33	-407.97	510.86
16215	-10.84	15.95	-8.30	332.78	167.26	-1342.00	56.11	-452.64	501.24
16216	-11.94	15.22	-8.30	319.79	178.56	-1374.29	61.49	-496.69	487.38
16217	-16.80	9.56	-8.30	254.58	242.11	-1523.89	52.92	-699.98	321.88
16218	-16.21	10.66	-8.30	261.45	233.07	-1501.02	60.00	-676.77	359.61
16219	-15.54	11.72	-8.30	269.55	222.67	-1475.64	65.58	-650.37	394.72
16220	-15.80	9.50	-8.30	294.75	238.06	-1577.52	33.77	-635.86	299.93
16221	-15.40	10.47	-8.30	294.69	232.73	-1553.03	41.00	-626.52	336.84
16222	-14.95	11.41	-8.30	295.72	225.65	-1525.26	47.51	-613.25	370.54
16223	-14.80	9.43	-8.30	324.61	232.32	-1588.59	21.86	-562.20	269.99
16224	-14.60	10.27	-8.30	320.77	230.14	-1573.64	27.82	-568.06	307.12
16225	-14.37	11.09	-8.30	318.36	226.21	-1552.79	34.14	-566.51	342.41
16226	-12.96	14.43	-8.30	306.81	189.06	-1403.29	65.53	-539.32	472.59
16227	-12.73	13.54	-8.30	326.52	204.65	-1469.97	45.70	-516.50	428.98
16228	-12.48	12.63	-8.30	344.46	213.22	-1506.93	31.22	-483.10	374.64
16229	-13.89	13.59	-8.30	294.02	200.22	-1429.11	67.72	-578.52	451.33
16230	-13.55	12.90	-8.30	315.01	211.42	-1488.81	48.36	-552.30	414.82
16231	-13.20	12.19	-8.30	333.50	217.46	-1523.75	33.66	-517.38	370.15
16232	-14.76	12.69	-8.30	281.06	211.16	-1451.78	68.38	-615.61	426.91
16233	-14.33	12.21	-8.30	303.04	218.17	-1503.90	50.19	-586.31	398.60
16234	-13.89	11.73	-8.30	322.15	222.03	-1535.98	35.84	-550.92	361.23
16235	0.70	20.20	-2.70	-566.15	-1181.74	-946.07	277.57	-70.97	890.48
16236	2.10	20.10	-2.70	-550.08	-1148.34	-897.51	207.69	-2.20	846.46

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
16237	3.49	19.90	-2.70	-550.16	-1103.66	-850.72	139.98	61.58	798.78
16238	4.86	19.62	-2.70	-566.65	-1048.78	-806.91	76.52	120.87	749.02
16239	6.20	19.23	-2.70	-599.20	-984.86	-767.01	19.39	176.07	698.30
16240	7.52	18.76	-2.70	-646.97	-913.33	-731.90	-29.52	227.80	647.61
16241	8.80	18.19	-2.70	-708.66	-835.77	-702.38	-68.59	276.84	597.72
16242	10.04	17.54	-2.70	-782.43	-753.80	-679.11	-96.46	324.05	549.13
16243	11.23	16.80	-2.70	-865.90	-669.09	-662.58	-112.19	370.27	502.02
16244	12.37	15.98	-2.70	-955.93	-582.80	-652.38	-115.08	415.86	455.51
16245	13.44	15.08	-2.70	-1048.97	-497.34	-649.30	-105.64	460.95	411.61
16246	14.46	14.11	-2.70	-1141.78	-414.38	-653.65	-84.42	507.59	367.45
16247	15.40	13.08	-2.70	-1226.67	-334.55	-661.41	-54.19	552.98	321.00
16248	16.27	11.98	-2.70	-1295.02	-260.11	-673.51	-22.13	596.22	271.04
16249	17.06	10.82	-2.70	-1325.03	-198.22	-658.20	2.75	619.81	204.83
16250	17.76	9.62	-2.70	-1223.63	-220.72	-775.32	-44.85	663.86	215.67
16251	0.74	21.03	-2.70	-407.94	-378.37	-50.54	196.83	-23.65	199.62
16252	2.22	20.93	-2.70	-416.42	-377.84	-47.29	182.31	-8.73	189.51
16253	3.69	20.72	-2.70	-431.30	-373.55	-44.19	168.74	5.17	178.80
16254	5.14	20.41	-2.70	-452.44	-365.56	-41.30	156.92	18.18	167.79
16255	6.57	19.99	-2.70	-479.46	-353.94	-38.72	147.65	30.51	156.75
16256	7.96	19.48	-2.70	-511.67	-338.82	-36.51	141.65	42.44	145.86
16257	9.32	18.87	-2.70	-548.15	-320.32	-34.76	139.47	54.24	135.21
16258	10.62	18.17	-2.70	-587.70	-298.48	-33.51	141.46	66.20	124.79
16259	11.88	17.37	-2.70	-628.90	-273.09	-32.79	147.72	78.53	114.42
16260	13.07	16.49	-2.70	-670.22	-243.97	-32.78	158.11	91.31	104.25
16261	14.20	15.53	-2.70	-710.05	-210.78	-33.43	172.02	104.67	93.89
16262	15.26	14.48	-2.70	-746.86	-172.47	-34.54	187.84	118.19	82.93
16263	16.24	13.37	-2.70	-779.98	-127.02	-35.50	202.22	131.44	70.63
16264	17.14	12.19	-2.70	-810.25	-71.16	-37.53	206.99	144.18	55.09
16265	17.95	10.95	-2.70	-826.95	-9.68	-23.32	182.11	147.16	38.49
16266	18.68	9.66	-2.70	-879.69	-23.62	-220.77	-8.38	354.26	150.76
16267	0.78	21.87	-2.70	-397.18	-83.21	-38.28	150.41	-30.79	66.66
16268	2.35	21.76	-2.70	-416.17	-94.80	-35.85	162.58	-24.86	64.69
16269	3.90	21.54	-2.70	-436.59	-106.52	-33.48	175.60	-18.68	62.32
16270	5.43	21.20	-2.70	-458.00	-118.11	-31.23	189.59	-12.16	59.56
16271	6.94	20.76	-2.70	-479.83	-129.30	-29.15	204.63	-5.23	56.37
16272	8.41	20.20	-2.70	-501.41	-139.69	-27.30	220.72	2.16	52.70
16273	9.83	19.55	-2.70	-522.00	-148.74	-25.71	237.74	10.08	48.42
16274	11.20	18.79	-2.70	-540.77	-155.66	-24.42	255.37	18.56	43.38
16275	12.52	17.94	-2.70	-556.94	-159.35	-23.49	273.19	27.54	37.50
16276	13.77	17.00	-2.70	-569.85	-158.37	-22.96	290.60	36.89	30.69
16277	14.95	15.97	-2.70	-579.30	-150.74	-22.87	306.84	46.31	22.91
16278	16.06	14.85	-2.70	-586.31	-133.56	-23.17	320.90	55.31	14.23
16279	17.08	13.67	-2.70	-594.94	-101.86	-23.69	331.11	63.19	4.44
16280	18.01	12.41	-2.70	-613.73	-46.82	-23.08	332.06	71.99	-6.62
16281	18.85	11.08	-2.70	-660.22	41.55	-27.58	288.30	90.51	-12.18
16282	19.60	9.70	-2.70	-729.04	170.69	-16.51	60.98	339.88	-17.85
16283	0.83	22.71	-2.70	-390.39	9.76	-14.86	104.66	-34.90	8.76
16284	2.47	22.59	-2.70	-417.99	-3.55	-13.61	129.34	-32.62	10.58
16285	4.11	22.35	-2.70	-443.77	-19.51	-12.36	156.04	-29.38	12.02
16286	5.72	21.99	-2.70	-466.75	-38.13	-11.14	184.33	-25.12	12.88
16287	7.30	21.52	-2.70	-485.95	-59.22	-10.00	213.57	-19.86	12.97
16288	8.85	20.93	-2.70	-500.52	-82.34	-8.94	243.00	-13.64	12.06
16289	10.35	20.23	-2.70	-509.75	-106.69	-8.00	271.64	-6.51	9.92
16290	11.79	19.42	-2.70	-513.09	-131.00	-7.18	298.40	1.42	6.31
16291	13.17	18.52	-2.70	-510.29	-153.42	-6.55	322.13	9.95	1.04
16292	14.48	17.51	-2.70	-501.54	-171.48	-6.13	341.78	18.78	-5.98
16293	15.71	16.41	-2.70	-487.89	-181.94	-6.03	356.54	27.48	-14.68
16294	16.86	15.22	-2.70	-471.86	-180.39	-5.91	366.28	35.55	-24.81
16295	17.92	13.96	-2.70	-459.20	-160.14	-6.57	371.77	42.86	-36.22
16296	18.89	12.62	-2.70	-463.44	-107.77	-2.09	373.34	51.73	-48.50
16297	19.75	11.21	-2.70	-522.34	34.93	-16.60	345.61	83.03	-77.25
16298	20.51	9.75	-2.70	-580.66	414.99	255.08	95.28	394.04	-260.97
16299	0.87	23.55	-2.70	-387.69	10.07	4.25	49.77	-46.85	-11.41
16300	2.60	23.42	-2.70	-422.79	0.95	4.47	81.20	-44.61	-7.45
16301	4.32	23.17	-2.70	-453.06	-13.24	4.75	116.70	-40.69	-4.17
16302	6.01	22.78	-2.70	-476.75	-33.15	5.07	155.12	-35.06	-1.95
16303	7.67	22.28	-2.70	-492.32	-59.10	5.42	194.96	-27.79	-1.19
16304	9.29	21.65	-2.70	-498.57	-90.89	5.80	234.33	-19.03	-2.29
16305	10.86	20.91	-2.70	-494.72	-127.68	6.22	271.11	-8.95	-5.66
16306	12.37	20.05	-2.70	-480.53	-167.87	6.66	303.01	2.18	-11.71
16307	13.81	19.09	-2.70	-456.35	-208.93	7.09	327.76	14.01	-20.78
16308	15.18	18.02	-2.70	-423.30	-247.41	7.51	343.38	26.09	-33.15
16309	16.47	16.85	-2.70	-383.39	-278.83	7.82	348.43	37.98	-49.02
16310	17.66	15.59	-2.70	-339.47	-297.39	8.83	342.27	49.56	-68.84
16311	18.76	14.25	-2.70	-296.11	-294.56	8.62	324.67	61.41	-94.33
16312	19.76	12.83	-2.70	-258.23	-250.60	22.53	293.07	83.21	-132.60
16313	20.65	11.34	-2.70	-268.19	-95.50	-0.13	250.85	88.08	-210.33
16314	21.43	9.79	-2.70	-246.79	631.08	685.18	-8.85	705.99	-884.31
16315	0.70	20.20	-4.10	-254.18	-394.57	-970.09	124.73	-72.19	751.12
16316	2.10	20.10	-4.10	-255.45	-387.53	-919.60	103.29	-15.62	715.52
16317	3.49	19.90	-4.10	-262.61	-376.98	-871.07	82.85	36.97	677.42
16318	4.86	19.62	-4.10	-275.34	-363.01	-825.64	64.12	85.95	637.87
16319	6.20	19.23	-4.10	-293.17	-345.85	-784.27	47.72	131.84	597.70
16320	7.52	18.76	-4.10	-315.39	-325.82	-747.90	34.22	175.27	557.59
16321	8.80	18.19	-4.10	-341.05	-303.23	-717.36	23.95	216.98	518.01
16322	10.04	17.54	-4.10	-368.96	-278.37	-693.40	17.08	257.81	479.22
16323	11.23	16.80	-4.10	-397.70	-251.37	-676.51	13.48	298.55	441.09
16324	12.37	15.98	-4.10	-425.62	-222.37	-666.87	12.83	339.53	403.24
16325	13.44	15.08	-4.10	-450.44	-191.14	-664.68	14.50	381.10	366.19
16326	14.46	14.11	-4.10	-469.60	-157.64	-669.15	17.70	424.27	327.22
16327	15.40	13.08	-4.10	-479.65	-122.22	-677.82	21.17	467.40	285.17
16328	16.27	11.98	-4.10	-475.57	-86.62	-683.10	24.37	507.28	236.85
16329	17.06	10.82	-4.10	-449.87	-64.26	-697.39	25.53	541.98	198.40
16330	17.76	9.62	-4.10	-412.15	-20.10	-724.90	35.66	573.45	154.70
16331	0.74	21.03	-4.10	-238.01	-438.18	-413.70	107.26	-66.28	545.43
16332	2.22	20.93	-4.10	-249.10	-424.56	-390.70	84.08	-25.24	519.45
16333	3.69	20.72	-4.10	-265.66	-407.40	-368.53	63.93	13.33	491.60
16334	5.14	20.41	-4.10	-286.91	-387.41	-347.70	47.25	49.76	462.61
16335	6.57	19.99	-4.10	-311.96	-365.23	-328.70	34.29	84.50	433.08

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
16336	7.96	19.48	-4.10	-339.85	-341.34	-311.94	25.09	118.13	403.39
16337	9.32	18.87	-4.10	-369.55	-316.07	-297.82	19.46	151.29	373.72
16338	10.62	18.17	-4.10	-399.97	-289.41	-286.67	16.97	184.61	344.04
16339	11.88	17.37	-4.10	-429.90	-261.05	-278.73	17.01	218.60	314.10
16340	13.07	16.49	-4.10	-457.91	-230.31	-274.22	18.79	253.51	283.69
16341	14.20	15.53	-4.10	-482.25	-196.33	-273.22	21.17	289.57	252.25
16342	15.26	14.48	-4.10	-500.78	-157.80	-275.12	22.75	326.30	218.93
16343	16.24	13.37	-4.10	-510.05	-114.25	-278.48	21.86	362.64	182.68
16344	17.14	12.19	-4.10	-503.61	-69.33	-278.56	15.76	397.05	144.89
16345	17.95	10.95	-4.10	-474.04	-37.57	-298.65	-8.30	447.53	128.76
16346	18.68	9.66	-4.10	-424.26	34.39	-349.34	-13.45	535.69	108.41
16347	0.78	21.87	-4.10	-215.01	-227.58	-147.91	82.22	-74.35	245.36
16348	2.35	21.76	-4.10	-234.40	-222.52	-138.37	76.08	-53.86	236.24
16349	3.90	21.54	-4.10	-255.98	-216.34	-129.04	73.01	-33.25	225.86
16350	5.43	21.20	-4.10	-278.75	-209.61	-120.19	72.97	-12.27	214.33
16351	6.94	20.76	-4.10	-301.70	-202.72	-112.00	75.71	9.29	201.66
16352	8.41	20.20	-4.10	-323.90	-195.84	-104.65	80.75	31.67	187.74
16353	9.83	19.55	-4.10	-344.49	-188.79	-98.27	87.38	55.12	172.31
16354	11.20	18.79	-4.10	-362.67	-180.95	-93.02	94.71	79.83	155.01
16355	12.52	17.94	-4.10	-377.66	-171.23	-89.08	101.69	105.83	135.48
16356	13.77	17.00	-4.10	-388.65	-158.03	-86.66	107.09	132.99	113.36
16357	14.95	15.97	-4.10	-394.66	-139.11	-85.78	109.46	160.87	88.35
16358	16.06	14.85	-4.10	-394.31	-111.75	-86.11	106.96	188.72	60.22
16359	17.08	13.67	-4.10	-385.12	-73.45	-86.05	96.52	216.18	28.94
16360	18.01	12.41	-4.10	-362.40	-23.85	-83.56	70.12	248.34	-3.83
16361	18.85	11.08	-4.10	-321.44	37.58	-71.39	9.90	327.08	-35.16
16362	19.60	9.70	-4.10	-293.77	115.42	-37.81	-27.42	489.28	-59.45
16363	0.83	22.71	-4.10	-211.95	-85.74	-83.94	56.46	-89.71	92.91
16364	2.47	22.59	-4.10	-237.05	-86.79	-77.50	64.16	-78.37	93.64
16365	4.11	22.35	-4.10	-261.33	-88.97	-71.05	75.10	-65.00	93.06
16366	5.72	21.99	-4.10	-283.54	-92.81	-64.84	88.78	-49.44	90.81
16367	7.30	21.52	-4.10	-302.55	-98.60	-59.01	104.47	-31.66	86.46
16368	8.85	20.93	-4.10	-317.41	-106.26	-53.65	121.14	-11.69	79.46
16369	10.35	20.23	-4.10	-327.40	-115.29	-48.83	137.56	10.39	69.23
16370	11.79	19.42	-4.10	-332.00	-124.60	-44.67	152.33	34.41	55.12
16371	13.17	18.52	-4.10	-330.88	-132.42	-41.36	163.91	60.04	36.53
16372	14.48	17.51	-4.10	-323.90	-136.21	-39.07	170.67	86.74	12.99
16373	15.71	16.41	-4.10	-310.89	-132.48	-37.82	170.83	113.80	-15.85
16374	16.86	15.22	-4.10	-291.39	-116.51	-37.29	162.04	140.67	-50.30
16375	17.92	13.96	-4.10	-264.01	-81.68	-34.41	140.07	168.77	-91.54
16376	18.89	12.62	-4.10	-228.74	-45.45	-27.29	93.47	206.28	-145.45
16377	19.75	11.21	-4.10	-172.66	102.84	52.11	-1.18	326.81	-261.60
16378	20.51	9.75	-4.10	-144.88	187.88	278.70	-54.45	583.43	-347.51
16379	0.87	23.55	-4.10	-204.10	-16.27	-4.98	24.65	-114.46	14.62
16380	2.60	23.42	-4.10	-234.48	-19.29	-2.41	41.09	-105.74	21.83
16381	4.32	23.17	-4.10	-261.38	-25.42	0.39	61.55	-93.25	27.21
16382	6.01	22.78	-4.10	-283.15	-35.40	3.26	85.06	-76.87	29.90
16383	7.67	22.28	-4.10	-298.40	-49.66	6.12	110.25	-56.74	28.99
16384	9.29	21.65	-4.10	-306.05	-68.11	8.96	135.43	-33.15	23.53
16385	10.86	20.91	-4.10	-305.44	-90.08	11.78	158.66	-6.47	12.52
16386	12.37	20.05	-4.10	-296.32	-114.12	14.51	177.81	22.74	-5.04
16387	13.81	19.09	-4.10	-278.92	-137.88	17.04	190.70	53.76	-30.13
16388	15.18	18.02	-4.10	-253.85	-157.93	19.23	195.16	85.65	-63.63
16389	16.47	16.85	-4.10	-221.98	-169.38	21.39	188.94	117.59	-106.56
16390	17.66	15.59	-4.10	-184.06	-165.01	24.24	169.18	149.60	-161.02
16391	18.76	14.25	-4.10	-139.55	-132.11	34.98	130.55	185.36	-234.11
16392	19.76	12.83	-4.10	-91.89	-44.03	53.60	62.56	238.66	-347.27
16393	20.65	11.34	-4.10	-25.08	158.84	246.88	-58.50	354.00	-629.66
16394	21.43	9.79	-4.10	29.14	279.38	729.19	-141.21	908.87	-1064.99
16395	0.70	20.20	-5.50	-34.51	-178.07	-916.84	51.45	-81.24	636.60
16396	2.10	20.10	-5.50	-39.43	-174.60	-868.45	37.44	-34.27	608.77
16397	3.49	19.90	-5.50	-47.30	-168.91	-821.84	24.48	9.82	578.79
16398	4.86	19.62	-5.50	-57.61	-161.18	-777.91	12.87	51.36	547.40
16399	6.20	19.23	-5.50	-69.72	-151.62	-737.53	2.85	90.79	515.14
16400	7.52	18.76	-5.50	-82.88	-140.42	-701.53	-5.48	128.68	482.42
16401	8.80	18.19	-5.50	-96.20	-127.72	-670.67	-12.19	165.68	449.44
16402	10.04	17.54	-5.50	-108.59	-113.57	-645.60	-17.52	202.48	416.21
16403	11.23	16.80	-5.50	-118.79	-97.91	-626.82	-21.94	239.70	382.48
16404	12.37	15.98	-5.50	-125.23	-80.55	-614.61	-26.13	277.69	347.86
16405	13.44	15.08	-5.50	-125.93	-61.16	-608.99	-30.81	316.92	312.60
16406	14.46	14.11	-5.50	-118.20	-40.11	-609.26	-36.65	358.08	274.70
16407	15.40	13.08	-5.50	-98.50	-18.00	-612.88	-43.91	399.74	234.08
16408	16.27	11.98	-5.50	-63.50	1.64	-619.12	-52.05	440.12	192.07
16409	17.06	10.82	-5.50	-12.22	21.34	-627.86	-57.53	477.04	151.62
16410	17.76	9.62	-5.50	51.09	38.60	-637.33	-55.07	511.31	114.54
16411	0.74	21.03	-5.50	-37.84	-218.99	-573.60	43.11	-87.89	554.50
16412	2.22	20.93	-5.50	-49.41	-210.77	-541.02	27.12	-45.98	530.29
16413	3.69	20.72	-5.50	-63.85	-200.33	-509.52	13.51	-5.96	504.04
16414	5.14	20.41	-5.50	-80.31	-188.20	-479.75	2.43	32.54	476.35
16415	6.57	19.99	-5.50	-97.90	-174.84	-452.34	-6.15	69.97	447.65
16416	7.96	19.48	-5.50	-115.73	-160.54	-427.83	-12.47	106.90	418.12
16417	9.32	18.87	-5.50	-132.86	-145.38	-406.72	-16.97	143.97	387.75
16418	10.62	18.17	-5.50	-148.30	-129.20	-389.46	-20.36	181.81	356.30
16419	11.88	17.37	-5.50	-160.90	-111.50	-376.45	-23.51	220.91	323.35
16420	13.07	16.49	-5.50	-169.19	-91.47	-368.01	-27.50	261.64	288.48
16421	14.20	15.53	-5.50	-171.02	-68.20	-364.17	-33.66	304.19	250.94
16422	15.26	14.48	-5.50	-163.16	-40.98	-364.22	-43.44	348.16	210.15
16423	16.24	13.37	-5.50	-140.16	-10.76	-366.06	-58.17	392.63	166.15
16424	17.14	12.19	-5.50	-94.78	18.16	-369.46	-78.53	438.12	123.61
16425	17.95	10.95	-5.50	-22.59	49.78	-374.77	-97.69	488.59	84.61
16426	18.68	9.66	-5.50	61.22	84.24	-371.73	-96.92	543.58	45.93
16427	0.78	21.87	-5.50	-40.54	-183.87	-326.54	32.83	-103.17	365.92
16428	2.35	21.76	-5.50	-57.82	-175.75	-305.68	21.02	-72.90	352.53
16429	3.90	21.54	-5.50	-76.90	-166.17	-285.23	12.33	-42.43	337.21
16430	5.43	21.20	-5.50	-96.64	-155.82	-265.73	6.65	-11.44	320.14
16431	6.94	20.76	-5.50	-116.01	-145.23	-247.59	3.66	20.36	301.31
16432	8.41	20.20	-5.50	-134.07	-134.64	-231.12	2.76	53.28	280.48
16433	9.83	19.55	-5.50	-150.01	-123.96	-216.58	3.13	87.70	257.24
16434	11.20	18.79	-5.50	-163.01	-112.65	-204.30	3.70	123.94	231.02

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
16435	12.52	17.94	-5.50	-172.19	-99.70	-194.62	3.20	162.18	201.17
16436	13.77	17.00	-5.50	-176.39	-83.55	-187.87	0.12	202.40	166.98
16437	14.95	15.97	-5.50	-173.77	-62.16	-184.14	-7.49	244.36	127.84
16438	16.06	14.85	-5.50	-160.97	-33.42	-182.68	-22.24	287.66	83.32
16439	17.08	13.67	-5.50	-131.79	3.67	-181.12	-48.18	332.72	33.99
16440	18.01	12.41	-5.50	-74.07	47.53	-172.50	-90.48	385.99	-18.83
16441	18.85	11.08	-5.50	18.28	90.07	-142.99	-136.19	460.87	-71.53
16442	19.60	9.70	-5.50	120.39	135.89	-73.53	-138.12	551.57	-112.74
16443	0.83	22.71	-5.50	-41.64	-89.40	-192.90	21.21	-125.01	188.05
16444	2.47	22.59	-5.50	-63.47	-85.62	-178.12	18.14	-104.84	186.03
16445	4.11	22.35	-5.50	-85.20	-81.76	-163.31	18.36	-82.08	181.93
16446	5.72	21.99	-5.50	-105.53	-78.48	-149.02	21.47	-56.51	175.36
16447	7.30	21.52	-5.50	-123.35	-76.21	-135.57	26.81	-28.11	165.76
16448	8.85	20.93	-5.50	-137.78	-75.05	-123.11	33.45	3.14	152.39
16449	10.35	20.23	-5.50	-148.15	-74.65	-111.78	40.21	37.26	134.39
16450	11.79	19.42	-5.50	-153.89	-74.10	-101.82	45.70	74.14	110.78
16451	13.17	18.52	-5.50	-154.51	-71.84	-93.55	48.33	113.53	80.56
16452	14.48	17.51	-5.50	-149.38	-65.49	-87.30	46.23	154.94	42.76
16453	15.71	16.41	-5.50	-137.37	-51.67	-83.06	36.99	197.84	-3.55
16454	16.86	15.22	-5.50	-116.16	-25.81	-79.41	17.04	242.26	-59.42
16455	17.92	13.96	-5.50	-80.56	18.00	-72.02	-19.87	290.83	-126.72
16456	18.89	12.62	-5.50	-22.00	85.98	-40.29	-83.60	354.70	-215.45
16457	19.75	11.21	-5.50	85.24	158.86	69.96	-168.96	468.58	-332.38
16458	20.51	9.75	-5.50	210.56	194.95	272.71	-177.88	629.55	-397.29
16459	0.87	23.55	-5.50	-37.97	-20.66	-68.94	7.89	-154.96	60.06
16460	2.60	23.42	-5.50	-63.75	-20.36	-59.80	11.58	-140.26	67.55
16461	4.32	23.17	-5.50	-87.63	-21.25	-50.23	18.89	-120.62	72.42
16462	6.01	22.78	-5.50	-108.09	-24.02	-40.73	29.12	-95.90	73.58
16463	7.67	22.28	-5.50	-123.92	-29.09	-31.53	41.23	-66.30	69.87
16464	9.29	21.65	-5.50	-134.26	-36.48	-22.65	53.91	-32.14	60.02
16465	10.86	20.91	-5.50	-138.50	-45.68	-14.13	65.60	6.19	42.65
16466	12.37	20.05	-5.50	-136.33	-55.52	-6.13	74.58	48.10	16.28
16467	13.81	19.09	-5.50	-127.70	-63.99	1.11	78.94	92.78	-20.54
16468	15.18	18.02	-5.50	-112.70	-67.98	7.41	76.62	139.21	-69.34
16469	16.47	16.85	-5.50	-91.40	-62.76	13.22	65.11	186.49	-131.91
16470	17.66	15.59	-5.50	-63.19	-40.93	21.93	41.04	235.11	-211.63
16471	18.76	14.25	-5.50	-27.94	9.07	41.57	-1.02	288.92	-317.08
16472	19.76	12.83	-5.50	22.73	106.70	114.74	-67.78	367.38	-479.88
16473	20.65	11.34	-5.50	64.95	232.41	325.19	-152.27	464.57	-726.35
16474	21.43	9.79	-5.50	295.26	383.14	696.31	-273.03	919.16	-1084.42
16475	0.70	20.20	-6.90	168.57	-40.82	-865.54	-0.59	-88.64	562.35
16476	2.10	20.10	-6.90	163.96	-38.94	-819.03	-13.80	-47.92	539.78
16477	3.49	19.90	-6.90	157.77	-35.32	-773.99	-26.18	-9.30	515.24
16478	4.86	19.62	-6.90	150.60	-30.13	-731.16	-37.60	27.58	489.27
16479	6.20	19.23	-6.90	143.09	-23.58	-691.30	-47.94	63.12	462.22
16480	7.52	18.76	-6.90	135.97	-15.85	-655.09	-57.27	97.85	434.31
16481	8.80	18.19	-6.90	130.10	-7.03	-623.19	-65.79	132.35	405.54
16482	10.04	17.54	-6.90	126.50	2.85	-596.19	-73.85	167.28	375.72
16483	11.23	16.80	-6.90	126.41	13.82	-574.58	-82.02	203.21	344.50
16484	12.37	15.98	-6.90	131.41	26.00	-558.70	-91.03	240.57	311.44
16485	13.44	15.08	-6.90	143.62	39.67	-548.63	-101.44	279.89	276.75
16486	14.46	14.11	-6.90	166.34	54.07	-543.92	-113.73	321.85	238.86
16487	15.40	13.08	-6.90	203.59	68.16	-543.60	-127.84	365.26	198.81
16488	16.27	11.98	-6.90	259.21	80.48	-546.66	-142.42	408.72	156.70
16489	17.06	10.82	-6.90	334.50	89.27	-552.17	-152.25	449.59	116.94
16490	17.76	9.62	-6.90	425.50	96.85	-558.31	-150.11	486.25	82.05
16491	0.74	21.03	-6.90	148.60	-87.05	-644.26	-2.46	-100.94	517.83
16492	2.22	20.93	-6.90	139.06	-81.21	-606.59	-18.11	-61.76	497.27
16493	3.69	20.72	-6.90	127.79	-73.36	-569.88	-31.99	-23.72	474.61
16494	5.14	20.41	-6.90	115.63	-64.02	-534.87	-44.04	13.53	450.31
16495	6.57	19.99	-6.90	103.39	-53.57	-502.19	-54.32	50.39	424.61
16496	7.96	19.48	-6.90	91.90	-42.23	-472.36	-63.09	87.36	397.49
16497	9.32	18.87	-6.90	81.99	-30.08	-445.90	-70.84	125.06	368.74
16498	10.62	18.17	-6.90	74.66	-16.95	-423.30	-78.25	164.08	337.90
16499	11.88	17.37	-6.90	71.10	-2.45	-405.03	-86.26	204.95	304.40
16500	13.07	16.49	-6.90	73.02	14.03	-391.50	-95.99	248.12	267.63
16501	14.20	15.53	-6.90	83.01	33.08	-382.85	-108.80	293.93	226.83
16502	15.26	14.48	-6.90	105.33	54.81	-378.59	-126.28	342.29	181.70
16503	16.24	13.37	-6.90	147.00	77.86	-377.55	-149.85	392.70	133.10
16504	17.14	12.19	-6.90	217.12	99.48	-377.78	-177.96	444.46	83.93
16505	17.95	10.95	-6.90	321.65	115.93	-375.19	-201.11	495.83	38.28
16506	18.68	9.66	-6.90	450.99	128.73	-364.19	-199.12	541.16	1.88
16507	0.78	21.87	-6.90	131.49	-91.03	-453.34	-3.80	-119.85	395.51
16508	2.35	21.76	-6.90	117.53	-84.03	-423.56	-18.54	-87.04	382.15
16509	3.90	21.54	-6.90	102.15	-75.26	-394.18	-30.91	-53.51	366.53
16510	5.43	21.20	-6.90	86.45	-65.34	-365.99	-40.95	-18.98	348.83
16511	6.94	20.76	-6.90	71.33	-54.75	-339.52	-48.87	16.74	328.94
16512	8.41	20.20	-6.90	57.57	-43.72	-315.09	-55.14	54.00	306.45
16513	9.83	19.55	-6.90	45.93	-32.19	-293.02	-60.48	93.21	280.74
16514	11.20	18.79	-6.90	37.23	-19.74	-273.72	-65.88	134.78	251.01
16515	12.52	17.94	-6.90	32.50	-5.57	-257.64	-72.56	178.99	216.35
16516	13.77	17.00	-6.90	33.23	11.57	-245.24	-82.08	226.02	175.76
16517	14.95	15.97	-6.90	41.95	33.26	-236.64	-96.59	275.90	128.32
16518	16.06	14.85	-6.90	63.32	61.08	-231.11	-119.17	328.73	73.58
16519	17.08	13.67	-6.90	105.62	95.60	-225.66	-154.27	385.20	12.31
16520	18.01	12.41	-6.90	187.04	133.40	-211.98	-205.00	447.01	-52.35
16521	18.85	11.08	-6.90	325.95	159.20	-175.84	-254.16	511.56	-112.22
16522	19.60	9.70	-6.90	505.99	172.58	-104.55	-253.78	562.33	-150.19
16523	0.83	22.71	-6.90	117.07	-55.69	-316.37	-4.57	-144.70	246.66
16524	2.47	22.59	-6.90	99.39	-50.52	-291.89	-15.49	-119.47	242.97
16525	4.11	22.35	-6.90	81.11	-44.17	-267.31	-23.73	-91.09	236.70
16526	5.72	21.99	-6.90	63.53	-37.25	-243.61	-29.48	-59.47	227.52
16527	7.30	21.52	-6.90	47.53	-30.23	-221.23	-33.13	-24.70	214.79
16528	8.85	20.93	-6.90	33.79	-23.26	-200.29	-35.33	13.28	197.61
16529	10.35	20.23	-6.90	22.94	-16.16	-180.95	-37.01	54.58	174.89
16530	11.79	19.42	-6.90	15.57	-8.26	-163.54	-39.32	99.24	145.36
16531	13.17	18.52	-6.90	12.40	1.65	-148.50	-43.68	147.13	107.67
16532	14.48	17.51	-6.90	14.44	15.52	-136.26	-51.91	198.00	60.40
16533	15.71	16.41	-6.90	23.53	36.23	-126.70	-66.59	251.59	2.09



Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
16534	16.86	15.22	-6.90	42.87	67.77	-118.11	-91.76	308.25	-68.69
16535	17.92	13.96	-6.90	79.99	115.31	-102.96	-133.83	370.65	-153.89
16536	18.89	12.62	-6.90	146.19	178.76	-61.14	-200.92	442.25	-253.61
16537	19.75	11.21	-6.90	308.39	243.62	52.00	-301.05	527.22	-359.75
16538	20.51	9.75	-6.90	570.68	236.44	245.59	-317.07	607.84	-413.57
16539	0.87	23.55	-6.90	108.34	-14.31	-187.60	-4.71	-176.22	93.08
16540	2.60	23.42	-6.90	87.49	-12.02	-168.12	-11.69	-157.99	100.29
16541	4.32	23.17	-6.90	67.01	-9.19	-148.07	-15.68	-133.92	104.39
16542	6.01	22.78	-6.90	48.25	-6.41	-128.54	-17.06	-104.08	104.22
16543	7.67	22.28	-6.90	32.13	-4.11	-109.88	-16.45	-68.83	98.51
16544	9.29	21.65	-6.90	19.27	-2.38	-92.08	-14.70	-28.48	85.78
16545	10.86	20.91	-6.90	10.17	-0.95	-75.17	-12.86	16.66	64.39
16546	12.37	20.05	-6.90	5.25	0.98	-59.39	-12.19	66.11	32.53
16547	13.81	19.09	-6.90	4.81	4.90	-45.15	-14.15	119.11	-11.71
16548	15.18	18.02	-6.90	9.23	13.30	-32.73	-20.53	174.73	-70.38
16549	16.47	16.85	-6.90	19.03	30.18	-21.33	-33.70	232.09	-145.92
16550	17.66	15.59	-6.90	35.21	61.83	-7.00	-56.69	291.22	-241.85
16551	18.76	14.25	-6.90	58.12	117.38	24.83	-93.46	355.08	-366.25
16552	19.76	12.83	-6.90	98.17	202.94	113.96	-145.39	432.28	-530.77
16553	20.65	11.34	-6.90	133.53	327.32	305.38	-228.19	495.78	-744.85
16554	21.43	9.79	-6.90	611.27	545.29	683.89	-468.76	867.92	-1079.21
16555	0.70	20.20	-8.30	363.38	49.21	-823.17	-42.50	-91.15	498.75
16556	2.10	20.10	-8.30	361.13	50.96	-777.93	-58.74	-55.66	480.26
16557	3.49	19.90	-8.30	357.86	54.54	-733.76	-74.44	-21.68	459.97
16558	4.86	19.62	-8.30	354.16	59.70	-691.31	-89.45	11.13	438.27
16559	6.20	19.23	-8.30	350.64	66.21	-651.17	-103.69	43.16	415.39
16560	7.52	18.76	-8.30	348.02	73.85	-613.94	-117.21	74.89	391.39
16561	8.80	18.19	-8.30	347.07	82.48	-580.16	-130.19	106.89	366.13
16562	10.04	17.54	-8.30	348.80	91.96	-550.36	-142.98	139.77	339.31
16563	11.23	16.80	-8.30	354.46	102.16	-525.00	-156.03	174.16	310.46
16564	12.37	15.98	-8.30	365.71	112.93	-504.51	-170.01	210.52	279.14
16565	13.44	15.08	-8.30	384.82	124.38	-489.11	-185.27	249.56	245.47
16566	14.46	14.11	-8.30	415.60	135.33	-478.87	-202.11	292.11	208.15
16567	15.40	13.08	-8.30	462.75	144.76	-473.46	-220.36	337.43	168.28
16568	16.27	11.98	-8.30	530.92	150.64	-472.59	-238.24	384.48	126.17
16569	17.06	10.82	-8.30	622.63	151.40	-475.77	-249.65	430.49	86.65
16570	17.76	9.62	-8.30	735.25	148.57	-481.67	-246.12	473.02	53.17
16571	0.74	21.03	-8.30	329.29	2.95	-677.47	-38.81	-105.75	469.31
16572	2.22	20.93	-8.30	323.14	7.94	-636.56	-57.60	-70.39	452.22
16573	3.69	20.72	-8.30	315.63	15.19	-596.38	-75.26	-35.54	433.08
16574	5.14	20.41	-8.30	307.56	24.16	-557.64	-91.66	-0.93	412.29
16575	6.57	19.99	-8.30	299.62	34.49	-520.93	-106.75	33.79	389.94
16576	7.96	19.48	-8.30	292.51	45.96	-486.72	-120.69	69.06	365.83
16577	9.32	18.87	-8.30	287.03	58.45	-455.46	-133.86	105.47	339.58
16578	10.62	18.17	-8.30	284.12	71.98	-427.65	-146.84	143.63	310.59
16579	11.88	17.37	-8.30	285.09	86.64	-403.79	-160.42	184.11	278.14
16580	13.07	16.49	-8.30	291.77	102.74	-384.36	-175.61	227.50	241.50
16581	14.20	15.53	-8.30	307.17	120.38	-369.68	-193.64	274.39	199.82
16582	15.26	14.48	-8.30	336.17	139.22	-359.76	-216.12	325.08	152.84
16583	16.24	13.37	-8.30	387.22	157.83	-353.99	-244.54	379.55	101.29
16584	17.14	12.19	-8.30	471.96	172.20	-350.99	-276.99	436.75	48.49
16585	17.95	10.95	-8.30	601.32	177.41	-348.55	-303.21	493.44	0.61
16586	18.68	9.66	-8.30	771.29	173.82	-344.88	-300.66	541.83	-34.26
16587	0.78	21.87	-8.30	297.22	-22.54	-540.11	-32.92	-125.88	383.40
16588	2.35	21.76	-8.30	287.42	-15.92	-503.32	-52.50	-94.15	371.40
16589	3.90	21.54	-8.30	276.11	-6.86	-466.83	-70.57	-61.10	357.07
16590	5.43	21.20	-8.30	264.32	3.97	-431.64	-86.95	-26.67	340.65
16591	6.94	20.76	-8.30	252.72	16.12	-398.22	-101.58	9.22	321.92
16592	8.41	20.20	-8.30	241.91	29.38	-366.84	-114.72	46.89	300.28
16593	9.83	19.55	-8.30	232.54	43.71	-337.79	-126.89	86.82	274.94
16594	11.20	18.79	-8.30	225.48	59.28	-311.50	-138.85	129.46	244.92
16595	12.52	17.94	-8.30	221.86	76.54	-288.49	-151.60	175.23	209.11
16596	13.77	17.00	-8.30	223.45	96.21	-269.28	-166.54	224.50	166.27
16597	14.95	15.97	-8.30	233.17	119.26	-254.16	-185.73	277.63	115.22
16598	16.06	14.85	-8.30	256.47	146.73	-242.65	-212.37	335.15	55.25
16599	17.08	13.67	-8.30	302.92	178.81	-232.55	-251.20	397.70	-12.71
16600	18.01	12.41	-8.30	397.97	211.97	-217.33	-307.69	464.92	-83.88
16601	18.85	11.08	-8.30	577.16	225.50	-189.94	-366.10	530.10	-145.76
16602	19.60	9.70	-8.30	846.88	213.98	-147.26	-371.75	570.28	-179.52
16603	0.83	22.71	-8.30	267.52	-21.62	-429.84	-24.86	-151.45	260.73
16604	2.47	22.59	-8.30	254.50	-15.62	-395.71	-43.32	-125.43	256.75
16605	4.11	22.35	-8.30	240.13	-7.25	-361.45	-60.03	-95.49	250.01
16606	5.72	21.99	-8.30	225.61	2.88	-328.60	-74.79	-62.03	240.38
16607	7.30	21.52	-8.30	211.47	14.29	-297.48	-87.55	-25.40	227.13
16608	8.85	20.93	-8.30	198.11	26.77	-268.02	-98.62	14.53	209.16
16609	10.35	20.23	-8.30	186.06	40.37	-240.35	-108.60	58.02	185.20
16610	11.79	19.42	-8.30	175.98	55.38	-214.83	-118.26	105.22	153.81
16611	13.17	18.52	-8.30	168.76	72.51	-191.99	-128.69	156.17	113.35
16612	14.48	17.51	-8.30	165.70	93.02	-172.32	-141.41	210.81	62.04
16613	15.71	16.41	-8.30	169.03	118.98	-155.80	-158.83	269.15	-1.99
16614	16.86	15.22	-8.30	182.50	153.52	-140.68	-184.93	331.63	-80.46
16615	17.92	13.96	-8.30	215.01	200.83	-120.30	-226.11	399.62	-173.95
16616	18.89	12.62	-8.30	280.33	263.98	-80.54	-295.48	473.00	-277.35
16617	19.75	11.21	-8.30	502.97	332.48	12.53	-427.42	545.93	-374.65
16618	20.51	9.75	-8.30	964.00	285.58	178.07	-478.66	566.75	-414.24
16619	0.87	23.55	-8.30	240.56	-7.73	-337.01	-14.77	-182.66	105.62
16620	2.60	23.42	-8.30	225.00	-3.83	-304.82	-31.44	-163.78	112.60
16621	4.32	23.17	-8.30	208.34	2.26	-272.07	-45.94	-138.08	116.25
16622	6.01	22.78	-8.30	191.82	10.04	-240.79	-58.24	-106.26	115.54
16623	7.67	22.28	-8.30	175.84	19.07	-211.21	-68.46	-69.07	109.15
16624	9.29	21.65	-8.30	160.69	29.16	-183.02	-76.91	-26.72	95.49
16625	10.86	20.91	-8.30	146.78	40.34	-156.21	-84.12	20.68	72.73
16626	12.37	20.05	-8.30	134.63	52.93	-131.10	-90.76	72.78	38.85
16627	13.81	19.09	-8.30	124.78	67.73	-108.23	-97.76	129.01	-8.37
16628	15.18	18.02	-8.30	117.95	86.31	-87.97	-106.41	188.53	-71.40
16629	16.47	16.85	-8.30	115.07	111.45	-69.71	-118.65	250.46	-153.01
16630	17.66	15.59	-8.30	117.79	147.92	-49.35	-136.99	314.22	-256.57
16631	18.76	14.25	-8.30	126.06	201.91	-13.68	-164.92	379.16	-385.55
16632	19.76	12.83	-8.30	155.04	283.22	68.70	-204.27	449.39	-540.98

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
16633	20.65	11.34	-8.30	188.43	420.88	242.69	-297.42	496.68	-730.40
16634	21.43	9.79	-8.30	1006.62	733.66	706.60	-713.21	765.39	-1038.19
16635	-17.76	9.62	-2.70	-1885.71	-687.05	-1547.96	521.18	-1335.31	626.98
16636	-17.06	10.82	-2.70	-1802.71	-725.23	-1513.73	568.64	-1269.64	692.40
16637	-16.27	11.98	-2.70	-1715.48	-767.61	-1479.63	610.94	-1200.01	755.02
16638	-15.40	13.08	-2.70	-1625.40	-813.75	-1451.01	644.83	-1130.06	809.43
16639	-14.46	14.11	-2.70	-1533.04	-864.12	-1428.11	671.47	-1057.92	863.21
16640	-13.44	15.08	-2.70	-1436.73	-915.31	-1403.14	689.34	-981.65	909.09
16641	-12.37	15.98	-2.70	-1339.62	-967.66	-1378.17	697.89	-904.36	948.39
16642	-11.23	16.80	-2.70	-1240.23	-1019.84	-1350.12	696.89	-822.27	982.78
16643	-10.04	17.54	-2.70	-1140.00	-1068.14	-1316.57	685.04	-736.83	1006.77
16644	-8.80	18.19	-2.70	-1041.27	-1111.93	-1279.00	662.66	-649.54	1021.69
16645	-7.52	18.76	-2.70	-946.13	-1149.63	-1237.69	630.02	-561.37	1027.41
16646	-6.20	19.23	-2.70	-856.74	-1179.83	-1193.19	587.79	-473.42	1024.05
16647	-4.86	19.62	-2.70	-775.23	-1201.24	-1146.06	536.97	-386.73	1011.96
16648	-3.49	19.90	-2.70	-703.62	-1212.77	-1096.95	478.87	-302.33	991.66
16649	-2.10	20.10	-2.70	-643.81	-1213.59	-1046.53	415.05	-221.09	963.85
16650	-0.70	20.20	-2.70	-597.53	-1203.31	-995.81	347.35	-143.96	929.71
16651	-18.68	9.66	-2.70	-723.15	-151.98	-99.53	176.00	-331.37	138.51
16652	-17.95	10.95	-2.70	-697.49	-165.24	-99.06	194.92	-314.45	157.21
16653	-17.14	12.19	-2.70	-672.18	-178.72	-96.28	211.57	-296.53	172.60
16654	-16.24	13.37	-2.70	-646.89	-193.04	-93.07	226.44	-278.03	186.60
16655	-15.26	14.48	-2.70	-621.49	-208.46	-89.40	239.45	-258.97	198.64
16656	-14.20	15.53	-2.70	-596.02	-225.30	-86.23	250.38	-239.38	209.43
16657	-13.07	16.49	-2.70	-570.26	-243.05	-82.85	258.95	-219.13	218.18
16658	-11.88	17.37	-2.70	-544.59	-261.68	-79.65	264.80	-198.56	225.09
16659	-10.62	18.17	-2.70	-519.24	-280.52	-76.65	267.69	-177.48	230.23
16660	-9.32	18.87	-2.70	-494.68	-298.88	-73.52	267.54	-156.23	233.01
16661	-7.96	19.48	-2.70	-471.61	-316.44	-70.34	264.35	-135.11	233.64
16662	-6.57	19.99	-2.70	-450.76	-332.69	-67.10	258.24	-114.36	232.20
16663	-5.14	20.41	-2.70	-432.94	-347.13	-63.81	249.47	-94.23	228.81
16664	-3.69	20.72	-2.70	-418.96	-359.30	-60.49	238.42	-74.96	223.64
16665	-2.22	20.93	-2.70	-409.68	-368.80	-57.17	225.56	-56.73	216.90
16666	-0.74	21.03	-2.70	-405.83	-375.27	-53.86	211.49	-39.64	208.82
16667	-19.60	9.70	-2.70	-247.56	-0.09	-67.32	28.54	-119.72	35.61
16668	-18.85	11.08	-2.70	-249.42	-1.98	-66.94	32.70	-115.39	43.34
16669	-18.01	12.41	-2.70	-251.97	-2.47	-65.82	36.59	-110.42	48.40
16670	-17.08	13.67	-2.70	-256.13	-2.85	-64.37	40.93	-105.43	52.61
16671	-16.06	14.85	-2.70	-261.80	-3.56	-62.95	45.86	-100.32	56.39
16672	-14.95	15.97	-2.70	-268.71	-4.91	-61.43	51.52	-95.05	59.73
16673	-13.77	17.00	-2.70	-276.61	-7.15	-59.88	57.90	-89.60	62.68
16674	-12.52	17.94	-2.70	-285.26	-10.36	-58.19	64.94	-84.00	65.15
16675	-11.20	18.79	-2.70	-294.57	-14.61	-56.37	72.57	-78.23	67.18
16676	-9.83	19.55	-2.70	-304.44	-19.90	-54.42	80.73	-72.32	68.75
16677	-8.41	20.20	-2.70	-314.85	-26.23	-52.33	89.37	-66.30	69.79
16678	-6.94	20.76	-2.70	-325.87	-33.60	-50.13	98.43	-60.25	70.36
16679	-5.43	21.20	-2.70	-337.63	-41.95	-47.85	107.90	-54.21	70.47
16680	-3.90	21.54	-2.70	-350.37	-51.19	-45.52	117.77	-48.24	70.14
16681	-2.35	21.76	-2.70	-364.35	-61.24	-43.14	128.10	-42.37	69.39
16682	-0.78	21.87	-2.70	-379.89	-71.97	-40.72	138.95	-36.59	68.23
16683	-20.51	9.75	-2.70	-51.49	62.59	-28.43	-3.28	-23.91	-7.23
16684	-19.75	11.21	-2.70	-59.24	59.17	-28.70	-4.90	-24.53	-5.96
16685	-18.89	12.62	-2.70	-68.11	57.11	-28.48	-6.58	-25.53	-6.13
16686	-17.92	13.96	-2.70	-79.22	55.74	-27.87	-8.07	-26.71	-6.68
16687	-16.86	15.22	-2.70	-92.82	54.60	-27.13	-9.12	-28.11	-7.09
16688	-15.71	16.41	-2.70	-108.88	53.58	-26.34	-9.45	-29.64	-7.23
16689	-14.48	17.51	-2.70	-127.26	52.60	-25.48	-8.79	-31.21	-7.07
16690	-13.17	18.52	-2.70	-147.83	51.56	-24.58	-6.85	-32.76	-6.59
16691	-11.79	19.42	-2.70	-170.40	50.36	-23.63	-3.38	-34.20	-5.78
16692	-10.35	20.23	-2.70	-194.76	48.88	-22.62	1.89	-35.47	-4.66
16693	-8.85	20.93	-2.70	-220.63	46.91	-21.58	9.19	-36.49	-3.23
16694	-7.30	21.52	-2.70	-247.70	44.24	-20.50	18.76	-37.21	-1.55
16695	-5.72	21.99	-2.70	-275.63	40.58	-19.41	30.76	-37.58	0.36
16696	-4.11	22.35	-2.70	-304.13	35.63	-18.32	45.32	-37.59	2.42
16697	-2.47	22.59	-2.70	-332.95	29.07	-17.21	62.51	-37.21	4.56
16698	-0.83	22.71	-2.70	-361.83	20.55	-16.07	82.32	-36.37	6.71
16699	-21.43	9.79	-2.70	4.15	76.45	4.49	13.03	13.00	-25.00
16700	-20.65	11.34	-2.70	1.28	65.86	4.09	11.65	9.17	-27.64
16701	-19.76	12.83	-2.70	-2.43	55.46	3.75	8.53	5.16	-30.69
16702	-18.76	14.25	-2.70	-8.73	45.53	3.70	3.74	0.60	-33.67
16703	-17.66	15.59	-2.70	-18.13	36.29	3.72	-2.38	-4.43	-36.15
16704	-16.47	16.85	-2.70	-31.06	28.11	3.76	-9.38	-9.78	-37.93
16705	-15.18	18.02	-2.70	-47.88	21.37	3.81	-16.70	-15.29	-38.93
16706	-13.81	19.09	-2.70	-68.78	16.32	3.85	-23.66	-20.82	-39.11
16707	-12.37	20.05	-2.70	-93.83	13.09	3.90	-29.51	-26.20	-38.46
16708	-10.86	20.91	-2.70	-122.88	11.63	3.95	-33.44	-31.27	-36.98
16709	-9.29	21.65	-2.70	-155.60	11.73	4.00	-34.64	-35.87	-34.73
16710	-7.67	22.28	-2.70	-191.41	12.97	4.03	-32.34	-39.85	-31.80
16711	-6.01	22.78	-2.70	-229.60	14.75	4.05	-25.86	-43.11	-28.28
16712	-4.32	23.17	-2.70	-269.30	16.30	4.06	-14.66	-45.55	-24.33
16713	-2.60	23.42	-2.70	-309.59	16.72	4.06	1.61	-47.09	-20.09
16714	-0.87	23.55	-2.70	-349.46	14.99	4.12	23.11	-47.60	-15.72
16715	-17.76	9.62	-4.10	-667.41	-199.81	-1621.14	175.18	-1153.50	533.09
16716	-17.06	10.82	-4.10	-649.11	-213.68	-1594.71	198.01	-1106.61	594.25
16717	-16.27	11.98	-4.10	-624.28	-230.21	-1568.15	217.86	-1053.00	652.27
16718	-15.40	13.08	-4.10	-594.47	-248.46	-1539.54	233.97	-992.88	704.08
16719	-14.46	14.11	-4.10	-561.34	-266.31	-1508.80	245.24	-927.06	748.82
16720	-13.44	15.08	-4.10	-527.02	-284.16	-1475.99	252.66	-857.35	786.14
16721	-12.37	15.98	-4.10	-491.91	-301.52	-1441.60	256.39	-785.73	816.02
16722	-11.23	16.80	-4.10	-456.46	-318.65	-1404.85	256.50	-711.22	840.19
16723	-10.04	17.54	-4.10	-421.88	-335.20	-1364.78	252.90	-635.06	856.69
16724	-8.80	18.19	-4.10	-388.76	-350.61	-1321.71	245.85	-558.50	865.77
16725	-7.52	18.76	-4.10	-357.77	-364.54	-1276.00	235.51	-482.34	867.72
16726	-6.20	19.23	-4.10	-329.63	-376.57	-1227.94	222.13	-407.33	862.78
16727	-4.86	19.62	-4.10	-305.02	-386.28	-1177.93	206.04	-334.22	851.32
16728	-3.49	19.90	-4.10	-284.63	-393.28	-1126.47	187.71	-263.68	833.80
16729	-2.10	20.10	-4.10	-269.08	-397.23	-1074.14	167.67	-196.32	810.79
16730	-0.70	20.20	-4.10	-258.83	-397.80	-1021.77	146.50	-132.57	783.06
16731	-18.68	9.66	-4.10	-704.03	-128.85	-711.94	256.07	-862.53	373.74

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
16732	-17.95	10.95	-4.10	-664.66	-155.86	-696.96	280.41	-821.79	417.69
16733	-17.14	12.19	-4.10	-623.71	-186.88	-682.63	300.85	-779.30	459.74
16734	-16.24	13.37	-4.10	-580.80	-219.54	-668.19	315.67	-734.20	497.78
16735	-15.26	14.48	-4.10	-536.93	-253.16	-654.08	324.89	-686.68	531.76
16736	-14.20	15.53	-4.10	-492.96	-286.48	-639.57	328.23	-636.70	561.09
16737	-13.07	16.49	-4.10	-449.99	-318.78	-624.37	326.03	-584.81	585.52
16738	-11.88	17.37	-4.10	-408.51	-349.44	-608.21	318.43	-531.26	604.89
16739	-10.62	18.17	-4.10	-369.51	-377.34	-590.64	305.55	-476.24	618.83
16740	-9.32	18.87	-4.10	-334.06	-401.61	-571.59	288.03	-420.55	626.99
16741	-7.96	19.48	-4.10	-302.97	-421.64	-551.23	266.62	-364.96	629.51
16742	-6.57	19.99	-4.10	-276.94	-436.98	-529.73	242.16	-310.14	626.64
16743	-5.14	20.41	-4.10	-256.56	-447.30	-507.33	215.56	-256.71	618.70
16744	-3.69	20.72	-4.10	-242.29	-452.46	-484.25	187.81	-205.25	606.09
16745	-2.22	20.93	-4.10	-234.41	-452.50	-460.76	159.91	-156.24	589.30
16746	-0.74	21.03	-4.10	-233.01	-447.63	-437.15	132.79	-109.91	568.89
16747	-19.60	9.70	-4.10	-389.37	19.95	-266.96	166.02	-411.85	146.82
16748	-18.85	11.08	-4.10	-363.34	-1.97	-263.44	182.70	-395.37	167.35
16749	-18.01	12.41	-4.10	-337.44	-26.41	-258.72	195.55	-377.56	186.09
16750	-17.08	13.67	-4.10	-311.44	-52.09	-253.10	204.35	-358.94	202.95
16751	-16.06	14.85	-4.10	-285.95	-78.08	-247.04	208.98	-339.39	217.94
16752	-14.95	15.97	-4.10	-261.65	-103.81	-240.71	209.55	-318.95	231.13
16753	-13.77	17.00	-4.10	-239.17	-128.57	-234.01	206.26	-297.67	242.42
16754	-12.52	17.94	-4.10	-219.13	-151.78	-226.91	199.44	-275.67	251.73
16755	-11.20	18.79	-4.10	-202.09	-172.82	-219.41	189.47	-253.05	259.00
16756	-9.83	19.55	-4.10	-188.65	-191.05	-211.45	176.91	-229.97	264.13
16757	-8.41	20.20	-4.10	-179.27	-206.07	-203.05	162.51	-206.68	267.09
16758	-6.94	20.76	-4.10	-174.26	-217.65	-194.30	147.08	-183.42	267.98
16759	-5.43	21.20	-4.10	-173.75	-225.75	-185.31	131.45	-160.44	266.90
16760	-3.90	21.54	-4.10	-177.75	-230.46	-176.14	116.43	-137.96	263.98
16761	-2.35	21.76	-4.10	-186.15	-232.06	-166.86	102.82	-116.15	259.34
16762	-0.78	21.87	-4.10	-198.71	-230.94	-157.45	91.25	-95.01	253.10
16763	-20.51	9.75	-4.10	-155.01	103.40	-156.93	97.08	-167.89	31.00
16764	-19.75	11.21	-4.10	-140.99	85.90	-155.23	107.47	-165.19	36.41
16765	-18.89	12.62	-4.10	-127.46	66.42	-153.14	114.22	-162.34	41.47
16766	-17.92	13.96	-4.10	-114.89	46.20	-150.07	117.72	-159.57	45.84
16767	-16.86	15.22	-4.10	-103.85	25.95	-146.55	118.07	-156.84	49.95
16768	-15.71	16.41	-4.10	-94.90	6.26	-142.69	115.54	-154.03	54.01
16769	-14.48	17.51	-4.10	-88.56	-12.33	-138.53	110.47	-151.00	58.09
16770	-13.17	18.52	-4.10	-85.30	-29.33	-134.05	103.33	-147.64	62.21
16771	-11.79	19.42	-4.10	-85.50	-44.30	-129.26	94.67	-143.84	66.34
16772	-10.35	20.23	-4.10	-89.45	-56.91	-124.18	85.16	-139.51	70.46
16773	-8.85	20.93	-4.10	-97.30	-66.97	-118.83	75.54	-134.54	74.51
16774	-7.30	21.52	-4.10	-108.98	-74.48	-113.28	66.62	-128.91	78.44
16775	-5.72	21.99	-4.10	-124.24	-79.63	-107.62	59.18	-122.58	82.18
16776	-4.11	22.35	-4.10	-142.72	-82.78	-101.91	53.92	-115.58	85.63
16777	-2.47	22.59	-4.10	-163.91	-84.42	-96.13	51.46	-107.91	88.68
16778	-0.83	22.71	-4.10	-187.24	-85.18	-90.17	52.23	-99.40	91.18
16779	-21.43	9.79	-4.10	-15.65	157.21	-25.73	71.26	-35.97	-31.50
16780	-20.65	11.34	-4.10	-6.27	139.28	-25.16	78.72	-41.97	-36.90
16781	-19.76	12.83	-4.10	3.04	118.99	-25.30	82.37	-48.50	-41.02
16782	-18.76	14.25	-4.10	10.86	97.88	-24.73	82.30	-55.92	-44.63
16783	-17.66	15.59	-4.10	16.50	76.97	-23.78	78.90	-64.12	-47.37
16784	-16.47	16.85	-4.10	19.26	57.04	-22.65	72.54	-72.83	-48.90
16785	-15.18	18.02	-4.10	18.48	38.77	-21.39	63.76	-81.73	-49.01
16786	-13.81	19.09	-4.10	13.60	22.74	-20.02	53.23	-90.51	-47.62
16787	-12.37	20.05	-4.10	4.24	9.38	-18.56	41.77	-98.84	-44.72
16788	-10.86	20.91	-4.10	-9.79	-1.06	-17.00	30.27	-106.37	-40.35
16789	-9.29	21.65	-4.10	-28.45	-8.53	-15.39	19.74	-112.80	-34.62
16790	-7.67	22.28	-4.10	-51.41	-13.19	-13.74	11.16	-117.82	-27.71
16791	-6.01	22.78	-4.10	-78.11	-15.49	-12.13	5.47	-121.20	-19.85
16792	-4.32	23.17	-4.10	-107.74	-16.05	-10.56	3.47	-122.80	-11.33
16793	-2.60	23.42	-4.10	-139.36	-15.71	-8.97	5.79	-122.44	-2.49
16794	-0.87	23.55	-4.10	-171.89	-15.43	-7.16	12.82	-119.83	6.31
16795	-17.76	9.62	-5.50	-260.28	-3.13	-1536.24	113.13	-968.39	437.09
16796	-17.06	10.82	-5.50	-246.34	-15.29	-1514.07	127.05	-930.06	489.26
16797	-16.27	11.98	-5.50	-229.06	-28.85	-1489.81	138.83	-886.17	537.57
16798	-15.40	13.08	-5.50	-209.69	-43.99	-1463.39	147.94	-837.03	581.46
16799	-14.46	14.11	-5.50	-189.34	-59.85	-1434.51	153.99	-783.60	619.59
16800	-13.44	15.08	-5.50	-168.58	-75.63	-1402.98	157.24	-726.75	651.76
16801	-12.37	15.98	-5.50	-147.94	-91.35	-1369.18	157.89	-668.00	677.69
16802	-11.23	16.80	-5.50	-127.47	-106.91	-1332.90	155.92	-607.02	698.52
16803	-10.04	17.54	-5.50	-107.85	-121.71	-1293.77	151.19	-544.58	713.14
16804	-8.80	18.19	-5.50	-89.65	-135.47	-1252.03	143.95	-481.68	721.68
16805	-7.52	18.76	-5.50	-73.31	-147.80	-1207.96	134.45	-419.05	724.35
16806	-6.20	19.23	-5.50	-59.28	-158.40	-1161.90	123.00	-357.37	721.41
16807	-4.86	19.62	-5.50	-47.94	-167.02	-1114.21	109.99	-297.26	713.22
16808	-3.49	19.90	-5.50	-39.61	-173.42	-1065.35	95.87	-239.27	700.17
16809	-2.10	20.10	-5.50	-34.54	-177.45	-1015.79	81.11	-183.84	682.72
16810	-0.70	20.20	-5.50	-32.85	-179.04	-966.14	66.19	-131.23	661.41
16811	-18.68	9.66	-5.50	-318.07	36.64	-990.93	174.20	-870.68	366.82
16812	-17.95	10.95	-5.50	-293.66	13.19	-974.41	192.13	-834.45	413.30
16813	-17.14	12.19	-5.50	-266.31	-11.97	-957.04	206.38	-794.81	456.38
16814	-16.24	13.37	-5.50	-236.98	-38.60	-938.56	216.16	-751.47	495.55
16815	-15.26	14.48	-5.50	-206.64	-65.67	-918.76	221.12	-704.70	530.07
16816	-14.20	15.53	-5.50	-176.50	-92.35	-897.62	221.36	-655.19	559.58
16817	-13.07	16.49	-5.50	-147.38	-117.95	-875.03	217.23	-603.51	583.98
16818	-11.88	17.37	-5.50	-119.93	-142.04	-850.84	209.02	-550.19	603.20
16819	-10.62	18.17	-5.50	-94.95	-164.01	-824.89	196.99	-495.62	617.19
16820	-9.32	18.87	-5.50	-73.16	-183.20	-797.15	181.69	-440.49	625.73
16821	-7.96	19.48	-5.50	-55.10	-199.17	-767.80	163.78	-385.47	628.94
16822	-6.57	19.99	-5.50	-41.17	-211.61	-737.10	143.96	-331.21	627.09
16823	-5.14	20.41	-5.50	-31.62	-220.34	-705.34	123.01	-278.27	620.48
16824	-3.69	20.72	-5.50	-26.59	-225.31	-672.82	101.73	-227.18	609.50
16825	-2.22	20.93	-5.50	-26.07	-226.60	-639.84	80.91	-178.34	594.57
16826	-0.74	21.03	-5.50	-29.90	-224.41	-606.68	61.19	-131.93	576.10
16827	-19.60	9.70	-5.50	-267.92	99.09	-581.63	177.45	-595.22	216.76
16828	-18.85	11.08	-5.50	-239.55	72.14	-572.62	195.54	-572.14	246.95
16829	-18.01	12.41	-5.50	-210.25	43.06	-562.38	209.23	-547.52	274.72
16830	-17.08	13.67	-5.50	-180.12	12.45	-551.19	217.88	-521.13	300.09

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
16831	-16.06	14.85	-5.50	-149.98	-18.65	-539.10	221.33	-493.00	322.80
16832	-14.95	15.97	-5.50	-120.75	-49.25	-526.12	219.67	-463.25	342.70
16833	-13.77	17.00	-5.50	-93.38	-78.50	-512.21	213.20	-432.12	359.67
16834	-12.52	17.94	-5.50	-68.65	-105.64	-497.28	202.36	-399.81	373.63
16835	-11.20	18.79	-5.50	-47.30	-129.95	-481.26	187.66	-366.55	384.49
16836	-9.83	19.55	-5.50	-30.05	-150.77	-464.17	169.79	-332.62	392.18
16837	-8.41	20.20	-5.50	-17.40	-167.60	-446.09	149.63	-298.37	396.71
16838	-6.94	20.76	-5.50	-9.64	-180.20	-427.20	128.11	-264.14	398.20
16839	-5.43	21.20	-5.50	-6.82	-188.51	-407.73	106.24	-230.27	396.82
16840	-3.90	21.54	-5.50	-8.82	-192.66	-387.88	84.96	-197.10	392.76
16841	-2.35	21.76	-5.50	-15.38	-192.95	-367.74	65.19	-164.88	386.17
16842	-0.78	21.87	-5.50	-26.13	-189.83	-347.30	47.64	-133.66	377.19
16843	-20.51	9.75	-5.50	-123.36	171.85	-359.09	135.99	-319.30	79.78
16844	-19.75	11.21	-5.50	-101.17	147.20	-354.72	151.27	-311.82	92.57
16845	-18.89	12.62	-5.50	-78.77	120.50	-349.06	161.85	-303.88	104.17
16846	-17.92	13.96	-5.50	-56.43	92.34	-342.30	167.77	-295.55	114.95
16847	-16.86	15.22	-5.50	-34.88	63.78	-334.54	169.03	-286.76	124.97
16848	-15.71	16.41	-5.50	-14.95	35.74	-325.98	165.83	-277.43	134.32
16849	-14.48	17.51	-5.50	2.56	9.09	-316.68	158.53	-267.49	143.06
16850	-13.17	18.52	-5.50	16.90	-15.46	-306.62	147.65	-256.86	151.17
16851	-11.79	19.42	-5.50	27.43	-37.25	-295.84	133.80	-245.49	158.65
16852	-10.35	20.23	-5.50	33.64	-55.74	-284.35	117.77	-233.29	165.42
16853	-8.85	20.93	-5.50	35.21	-70.57	-272.23	100.46	-220.25	171.45
16854	-7.30	21.52	-5.50	32.06	-81.61	-259.64	82.83	-206.34	176.69
16855	-5.72	21.99	-5.50	24.40	-88.93	-246.78	65.89	-191.61	181.09
16856	-4.11	22.35	-5.50	12.63	-92.83	-233.80	50.54	-176.13	184.60
16857	-2.47	22.59	-5.50	-2.71	-93.77	-220.68	37.62	-160.02	187.07
16858	-0.83	22.71	-5.50	-21.04	-92.37	-207.13	27.72	-143.15	188.31
16859	-21.43	9.79	-5.50	-2.39	234.27	-155.71	108.07	-111.87	-18.07
16860	-20.65	11.34	-5.50	13.87	210.55	-153.55	121.17	-116.82	-20.81
16861	-19.76	12.83	-5.50	31.26	184.51	-151.42	129.65	-122.65	-23.17
16862	-18.76	14.25	-5.50	48.03	156.89	-148.46	133.44	-129.32	-24.75
16863	-17.66	15.59	-5.50	63.50	128.88	-144.65	132.73	-136.68	-25.37
16864	-16.47	16.85	-5.50	76.78	101.51	-140.22	127.81	-144.42	-24.74
16865	-15.18	18.02	-5.50	87.05	75.67	-135.29	119.15	-152.21	-22.66
16866	-13.81	19.09	-5.50	93.57	52.11	-129.92	107.36	-159.66	-19.04
16867	-12.37	20.05	-5.50	95.75	31.45	-124.13	93.21	-166.40	-13.88
16868	-10.86	20.91	-5.50	93.18	14.14	-117.94	77.58	-172.03	-7.24
16869	-9.29	21.65	-5.50	85.69	0.44	-111.42	61.49	-176.18	0.73
16870	-7.67	22.28	-5.50	73.41	-9.63	-104.70	45.97	-178.50	9.83
16871	-6.01	22.78	-5.50	56.77	-16.30	-97.93	32.06	-178.72	19.78
16872	-4.32	23.17	-5.50	36.45	-20.01	-91.22	20.67	-176.71	30.22
16873	-2.60	23.42	-5.50	13.29	-21.41	-84.45	12.54	-172.34	40.74
16874	-0.87	23.55	-5.50	-11.85	-21.32	-77.17	8.19	-165.33	50.87
16875	-17.76	9.62	-6.90	2.04	136.58	-1455.27	89.50	-847.10	376.76
16876	-17.06	10.82	-6.90	14.44	124.07	-1435.71	99.64	-814.10	422.26
16877	-16.27	11.98	-6.90	29.07	109.85	-1413.60	107.74	-776.55	464.47
16878	-15.40	13.08	-6.90	45.27	94.37	-1388.87	113.23	-734.42	502.88
16879	-14.46	14.11	-6.90	62.07	78.51	-1361.46	115.79	-688.67	536.12
16880	-13.44	15.08	-6.90	78.79	62.74	-1331.36	115.81	-640.07	564.42
16881	-12.37	15.98	-6.90	94.98	47.15	-1298.78	113.48	-589.82	587.33
16882	-11.23	16.80	-6.90	110.63	31.81	-1263.65	108.86	-537.80	605.80
16883	-10.04	17.54	-6.90	125.18	17.30	-1225.90	101.89	-484.59	619.04
16884	-8.80	18.19	-6.90	138.21	3.87	-1185.74	92.83	-430.98	627.16
16885	-7.52	18.76	-6.90	149.39	-8.17	-1143.45	81.96	-377.59	630.32
16886	-6.20	19.23	-6.90	158.49	-18.57	-1099.36	69.59	-324.99	628.78
16887	-4.86	19.62	-6.90	165.31	-27.13	-1053.85	56.12	-273.71	622.84
16888	-3.49	19.90	-6.90	169.72	-33.71	-1007.29	41.96	-224.20	612.86
16889	-2.10	20.10	-6.90	171.68	-38.19	-960.11	27.56	-176.79	599.21
16890	-0.70	20.20	-6.90	171.21	-40.60	-912.74	13.32	-131.66	582.29
16891	-18.68	9.66	-6.90	-71.00	157.87	-1114.75	138.24	-803.25	329.95
16892	-17.95	10.95	-6.90	-50.49	136.76	-1098.44	152.45	-772.05	372.93
16893	-17.14	12.19	-6.90	-27.79	113.71	-1080.26	163.26	-737.27	412.77
16894	-16.24	13.37	-6.90	-3.62	89.36	-1060.23	170.12	-698.94	448.93
16895	-15.26	14.48	-6.90	21.17	64.41	-1038.32	172.78	-657.38	480.95
16896	-14.20	15.53	-6.90	45.65	39.74	-1014.47	171.28	-613.21	508.37
16897	-13.07	16.49	-6.90	69.09	15.94	-988.65	165.94	-567.00	531.16
16898	-11.88	17.37	-6.90	90.93	-6.57	-960.86	157.02	-519.29	549.28
16899	-10.62	18.17	-6.90	110.55	-27.19	-931.04	144.79	-470.45	562.75
16900	-9.32	18.87	-6.90	127.35	-45.41	-899.25	129.70	-421.04	571.46
16901	-7.96	19.48	-6.90	140.91	-60.82	-865.70	112.34	-371.64	575.53
16902	-6.57	19.99	-6.90	150.97	-73.16	-830.68	93.35	-322.78	575.19
16903	-5.14	20.41	-6.90	157.40	-82.27	-794.52	73.40	-274.96	570.72
16904	-3.69	20.72	-6.90	160.23	-88.13	-757.55	53.22	-228.61	562.47
16905	-2.22	20.93	-6.90	159.56	-90.79	-720.06	33.51	-184.11	550.74
16906	-0.74	21.03	-6.90	155.60	-90.37	-682.23	14.83	-141.60	535.78
16907	-19.60	9.70	-6.90	-87.37	194.45	-807.93	156.52	-632.14	226.83
16908	-18.85	11.08	-6.90	-62.39	168.66	-796.41	173.27	-609.68	259.03
16909	-18.01	12.41	-6.90	-35.87	140.60	-783.16	185.60	-585.10	288.83
16910	-17.08	13.67	-6.90	-8.24	111.03	-768.30	193.09	-558.28	316.04
16911	-16.06	14.85	-6.90	19.66	80.86	-751.88	195.57	-529.33	340.45
16912	-14.95	15.97	-6.90	46.90	51.03	-733.93	193.13	-498.51	361.83
16913	-13.77	17.00	-6.90	72.56	22.39	-714.46	186.04	-466.14	380.09
16914	-12.52	17.94	-6.90	95.85	-4.36	-693.43	174.72	-432.49	395.19
16915	-11.20	18.79	-6.90	116.07	-28.54	-670.85	159.64	-397.83	407.09
16916	-9.83	19.55	-6.90	132.58	-49.53	-646.75	141.45	-362.45	415.77
16917	-8.41	20.20	-6.90	144.91	-66.89	-621.30	120.90	-326.66	421.26
16918	-6.94	20.76	-6.90	152.83	-80.34	-594.74	98.85	-290.78	423.70
16919	-5.43	21.20	-6.90	156.35	-89.80	-567.40	76.20	-255.11	423.28
16920	-3.90	21.54	-6.90	155.68	-95.34	-539.57	53.83	-219.99	420.20
16921	-2.35	21.76	-6.90	151.12	-97.18	-511.40	32.64	-185.74	414.56
16922	-0.78	21.87	-6.90	142.93	-95.60	-482.73	13.30	-152.50	406.35
16923	-20.51	9.75	-6.90	-41.89	241.54	-584.97	145.41	-406.49	109.09
16924	-19.75	11.21	-6.90	-17.78	215.35	-577.56	162.58	-396.55	126.12
16925	-18.89	12.62	-6.90	7.24	186.45	-568.49	174.76	-385.97	141.91
16926	-17.92	13.96	-6.90	32.93	155.85	-557.80	181.91	-374.57	156.60
16927	-16.86	15.22	-6.90	58.43	124.54	-545.60	183.97	-362.31	170.26
16928	-15.71	16.41	-6.90	82.84	93.54	-532.02	181.06	-349.15	182.88
16929	-14.48	17.51	-6.90	105.25	63.77	-517.13	173.50	-335.10	194.47

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
16930	-13.17	18.52	-6.90	124.85	36.04	-500.96	161.75	-320.14	205.01
16931	-11.79	19.42	-6.90	140.92	11.06	-483.54	146.39	-304.25	214.49
16932	-10.35	20.23	-6.90	152.86	-10.55	-464.93	128.15	-287.41	222.86
16933	-8.85	20.93	-6.90	160.25	-28.36	-445.27	107.90	-269.59	230.10
16934	-7.30	21.52	-6.90	162.96	-42.13	-424.79	86.56	-250.77	236.19
16935	-5.72	21.99	-6.90	161.13	-51.85	-403.85	65.11	-230.98	241.12
16936	-4.11	22.35	-6.90	155.18	-57.67	-382.77	44.49	-210.37	244.87
16937	-2.47	22.59	-6.90	145.61	-59.91	-361.56	25.60	-189.20	247.26
16938	-0.83	22.71	-6.90	132.78	-59.05	-339.66	9.13	-167.54	247.99
16939	-21.43	9.79	-6.90	22.79	292.93	-378.58	129.15	-164.03	-5.57
16940	-20.65	11.34	-6.90	42.86	266.99	-374.06	145.83	-167.72	-6.22
16941	-19.76	12.83	-6.90	65.00	238.07	-368.62	157.66	-172.68	-6.83
16942	-18.76	14.25	-6.90	87.39	207.20	-361.71	164.41	-178.39	-6.74
16943	-17.66	15.59	-6.90	109.27	175.50	-353.35	166.09	-184.62	-5.64
16944	-16.47	16.85	-6.90	129.69	144.06	-343.76	162.91	-191.07	-3.31
16945	-15.18	18.02	-6.90	147.76	113.84	-333.07	155.21	-197.41	0.39
16946	-13.81	19.09	-6.90	162.64	85.70	-321.36	143.51	-203.27	5.55
16947	-12.37	20.05	-6.90	173.65	60.34	-308.70	128.49	-208.26	12.16
16948	-10.86	20.91	-6.90	180.22	38.35	-295.15	110.94	-211.97	20.16
16949	-9.29	21.65	-6.90	182.03	20.12	-280.83	91.78	-214.01	29.39
16950	-7.67	22.28	-6.90	179.04	5.84	-265.96	72.01	-213.97	39.64
16951	-6.01	22.78	-6.90	171.53	-4.52	-250.90	52.63	-211.55	50.63
16952	-4.32	23.17	-6.90	160.09	-11.21	-235.97	34.56	-206.62	61.98
16953	-2.60	23.42	-6.90	145.41	-14.65	-221.06	18.63	-199.30	73.21
16954	-0.87	23.55	-6.90	128.00	-15.44	-205.27	5.42	-189.48	83.78
16955	-17.76	9.62	-8.30	186.97	246.98	-1387.97	86.31	-743.80	327.99
16956	-17.06	10.82	-8.30	200.99	232.59	-1369.89	94.99	-715.17	367.76
16957	-16.27	11.98	-8.30	216.83	216.50	-1349.14	101.35	-682.69	404.68
16958	-15.40	13.08	-8.30	233.84	199.11	-1325.77	104.88	-646.27	438.38
16959	-14.46	14.11	-8.30	251.24	181.33	-1299.73	105.42	-606.82	467.48
16960	-13.44	15.08	-8.30	268.43	163.65	-1271.02	103.21	-564.98	492.35
16961	-12.37	15.98	-8.30	284.89	146.28	-1239.78	98.50	-521.78	512.53
16962	-11.23	16.80	-8.30	300.66	129.25	-1206.02	91.40	-477.15	528.89
16963	-10.04	17.54	-8.30	315.25	113.22	-1169.74	81.85	-431.56	540.83
16964	-8.80	18.19	-8.30	328.26	98.46	-1131.17	70.15	-385.61	548.42
16965	-7.52	18.76	-8.30	339.44	85.28	-1090.56	56.58	-339.83	551.81
16966	-6.20	19.23	-8.30	348.60	73.94	-1048.25	41.50	-294.71	551.21
16967	-4.86	19.62	-8.30	355.65	64.59	-1004.58	25.28	-250.69	546.91
16968	-3.49	19.90	-8.30	360.57	57.38	-959.89	8.37	-208.14	539.22
16969	-2.10	20.10	-8.30	363.38	52.41	-914.54	-8.79	-167.33	528.45
16970	-0.70	20.20	-8.30	364.19	49.65	-868.87	-25.77	-128.39	514.91
16971	-18.68	9.66	-8.30	105.62	257.25	-1176.09	124.59	-719.95	290.52
16972	-17.95	10.95	-8.30	125.54	236.43	-1160.10	137.26	-693.21	328.83
16973	-17.14	12.19	-8.30	147.38	213.60	-1141.76	146.52	-663.18	364.44
16974	-16.24	13.37	-8.30	170.56	189.38	-1121.14	151.95	-629.92	396.81
16975	-15.26	14.48	-8.30	194.33	164.50	-1098.27	153.32	-593.73	425.51
16976	-14.20	15.53	-8.30	217.84	139.75	-1073.12	150.68	-555.24	450.13
16977	-13.07	16.49	-8.30	240.42	115.73	-1045.72	144.30	-514.96	470.69
16978	-11.88	17.37	-8.30	261.55	92.87	-1016.08	134.40	-473.38	487.16
16979	-10.62	18.17	-8.30	280.67	71.73	-984.22	121.23	-430.84	499.62
16980	-9.32	18.87	-8.30	297.27	52.85	-950.27	105.21	-387.79	508.03
16981	-7.96	19.48	-8.30	310.97	36.61	-914.46	86.84	-344.67	512.49
16982	-6.57	19.99	-8.30	321.55	23.28	-877.07	66.70	-301.93	513.19
16983	-5.14	20.41	-8.30	328.96	13.00	-838.47	45.39	-259.95	510.42
16984	-3.69	20.72	-8.30	333.29	5.82	-799.00	23.58	-219.12	504.47
16985	-2.22	20.93	-8.30	334.69	1.74	-758.93	1.95	-179.76	495.59
16986	-0.74	21.03	-8.30	333.30	0.78	-718.39	-18.93	-142.04	483.86
16987	-19.60	9.70	-8.30	50.82	276.25	-964.80	147.01	-603.46	212.98
16988	-18.85	11.08	-8.30	74.95	251.03	-951.96	163.24	-583.42	243.53
16989	-18.01	12.41	-8.30	100.91	223.40	-936.88	175.07	-561.12	271.91
16990	-17.08	13.67	-8.30	128.20	194.07	-919.66	182.17	-536.55	297.90
16991	-16.06	14.85	-8.30	156.02	163.96	-900.36	184.41	-509.86	321.27
16992	-14.95	15.97	-8.30	183.47	133.96	-879.04	181.81	-481.33	341.80
16993	-13.77	17.00	-8.30	209.69	104.89	-855.71	174.58	-451.30	359.38
16994	-12.52	17.94	-8.30	233.95	77.46	-830.40	163.07	-420.05	374.03
16995	-11.20	18.79	-8.30	255.54	52.35	-803.16	147.68	-387.86	385.75
16996	-9.83	19.55	-8.30	273.86	30.17	-774.07	128.95	-354.96	394.55
16997	-8.41	20.20	-8.30	288.45	11.40	-743.33	107.57	-321.60	400.47
16998	-6.94	20.76	-8.30	299.06	-3.66	-711.22	84.26	-288.01	403.66
16999	-5.43	21.20	-8.30	305.71	-14.90	-678.15	59.81	-254.42	404.32
17000	-3.90	21.54	-8.30	308.63	-22.34	-644.53	35.05	-221.11	402.69
17001	-2.35	21.76	-8.30	308.14	-26.04	-610.59	10.90	-188.51	398.86
17002	-0.78	21.87	-8.30	304.33	-26.06	-575.97	-11.85	-156.93	392.57
17003	-20.51	9.75	-8.30	35.35	303.57	-791.43	150.10	-420.85	113.88
17004	-19.75	11.21	-8.30	60.26	276.90	-781.77	168.60	-411.15	131.51
17005	-18.89	12.62	-8.30	86.96	247.17	-769.93	181.99	-400.65	147.98
17006	-17.92	13.96	-8.30	114.98	215.46	-755.85	190.29	-389.15	163.39
17007	-16.86	15.22	-8.30	143.37	182.78	-739.68	193.36	-376.60	177.74
17008	-15.71	16.41	-8.30	171.22	150.13	-721.54	191.23	-363.05	191.02
17009	-14.48	17.51	-8.30	197.62	118.44	-701.53	184.15	-348.52	203.18
17010	-13.17	18.52	-8.30	221.73	88.54	-679.70	172.47	-333.04	214.23
17011	-11.79	19.42	-8.30	242.79	61.18	-656.13	156.69	-316.62	224.18
17012	-10.35	20.23	-8.30	260.15	37.02	-630.92	137.45	-299.23	233.01
17013	-8.85	20.93	-8.30	273.34	16.58	-604.25	115.49	-280.82	240.70
17014	-7.30	21.52	-8.30	282.09	0.18	-576.42	91.65	-261.32	247.24
17015	-5.72	21.99	-8.30	286.46	-12.07	-547.90	66.79	-240.66	252.69
17016	-4.11	22.35	-8.30	286.90	-20.21	-519.33	41.80	-218.93	257.11
17017	-2.47	22.59	-8.30	283.92	-24.37	-490.93	17.71	-196.68	260.36
17018	-0.83	22.71	-8.30	277.55	-24.70	-461.66	-4.61	-174.47	261.83
17019	-21.43	9.79	-8.30	45.25	335.86	-648.87	143.10	-180.56	-0.10
17020	-20.65	11.34	-8.30	67.69	308.93	-641.82	162.32	-183.87	-0.14
17021	-19.76	12.83	-8.30	93.18	278.72	-632.70	176.76	-188.62	-0.23
17022	-18.76	14.25	-8.30	119.72	246.24	-621.25	186.01	-194.03	0.39
17023	-17.66	15.59	-8.30	146.52	212.58	-607.60	189.94	-199.87	2.08
17024	-16.47	16.85	-8.30	172.62	178.81	-591.96	188.64	-205.81	5.00
17025	-15.18	18.02	-8.30	197.10	145.91	-574.52	182.34	-211.56	9.27
17026	-13.81	19.09	-8.30	219.11	114.76	-555.38	171.44	-216.79	14.94
17027	-12.37	20.05	-8.30	237.88	86.13	-534.65	156.47	-221.11	22.02
17028	-10.86	20.91	-8.30	252.76	60.68	-512.42	138.10	-224.12	30.43

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
17029	-9.29	21.85	-8.30	263.28	38.93	-488.89	117.11	-225.40	40.04
17030	-7.67	22.28	-8.30	269.20	21.21	-464.38	94.40	-224.50	50.66
17031	-6.01	22.78	-8.30	270.63	7.66	-439.44	70.86	-220.97	62.02
17032	-4.32	23.17	-8.30	268.11	-1.77	-414.88	47.39	-214.67	73.79
17033	-2.60	23.42	-8.30	262.28	-7.23	-390.87	24.87	-206.08	85.44
17034	-0.87	23.55	-8.30	253.23	-9.03	-365.75	4.02	-195.81	96.29
17035	0.61	-2.50	-2.70	31.82	-43.62	-963.35	-12.43	-124.02	-143.09
17036	0.61	-3.10	-2.70	28.71	-47.80	-952.62	-15.64	-124.22	-163.40
17037	1.84	-2.50	-2.70	14.07	-43.96	-908.13	-9.31	-72.21	-140.88
17038	1.83	-3.10	-2.70	11.35	-47.96	-897.75	-11.92	-73.04	-160.85
17039	3.07	-2.50	-2.70	-13.91	-46.49	-851.82	-6.57	-26.52	-137.40
17040	3.06	-3.10	-2.70	-16.15	-50.23	-841.94	-8.66	-27.84	-156.89
17041	4.30	-2.50	-2.70	-50.88	-51.24	-797.05	-4.23	12.06	-132.68
17042	4.28	-3.10	-2.70	-52.60	-54.64	-787.72	-5.87	10.41	-151.56
17043	5.52	-2.50	-2.70	-95.27	-58.28	-747.06	-2.27	42.95	-126.71
17044	5.50	-3.10	-2.70	-96.49	-61.23	-738.28	-3.56	41.10	-144.84
17045	6.75	-2.50	-2.70	-145.09	-67.67	-705.73	-0.70	66.07	-119.45
17046	6.72	-3.10	-2.70	-145.90	-70.10	-697.43	-1.68	64.14	-136.66
17047	7.98	-2.50	-2.70	-197.87	-79.47	-677.43	0.45	82.12	-110.82
17048	7.94	-3.10	-2.70	-198.41	-81.31	-669.44	-0.27	80.18	-126.91
17049	9.21	-2.50	-2.70	-250.71	-93.54	-666.80	1.03	92.88	-100.76
17050	9.17	-3.10	-2.70	-251.13	-94.81	-658.89	0.53	90.97	-115.47
17051	10.43	-2.50	-2.70	-300.49	-109.39	-678.25	0.64	101.85	-89.30
17052	10.39	-3.10	-2.70	-300.90	-110.27	-670.15	0.28	99.91	-102.32
17053	11.66	-2.50	-2.70	-344.71	-125.81	-714.91	-1.32	114.77	-76.75
17054	11.61	-3.10	-2.70	-345.07	-126.68	-706.24	-1.80	112.77	-87.79
17055	12.89	-2.50	-2.70	-383.32	-140.56	-776.62	-5.31	139.98	-63.80
17056	12.83	-3.10	-2.70	-383.47	-141.89	-766.93	-6.58	137.89	-72.75
17057	14.12	-2.50	-2.70	-421.84	-150.59	-857.48	-10.70	187.11	-51.02
17058	14.05	-3.10	-2.70	-421.83	-152.49	-846.25	-14.00	184.82	-58.38
17059	15.34	-2.50	-2.70	-474.31	-154.59	-945.23	-15.03	262.68	-37.48
17060	15.28	-3.10	-2.70	-475.00	-156.19	-932.20	-21.30	259.47	-44.21
17061	16.57	-2.50	-2.70	-560.00	-159.50	-1028.72	-17.20	364.48	-19.00
17062	16.50	-3.10	-2.70	-563.19	-159.22	-1015.85	-23.61	357.64	-24.62
17063	17.80	-2.50	-2.70	-688.35	-190.79	-1113.99	-32.41	495.19	-6.33
17064	17.72	-3.10	-2.70	-693.41	-189.82	-1106.77	-20.28	482.85	13.85
17065	19.03	-2.50	-2.70	-874.18	-211.85	-1135.91	-71.01	714.51	-23.36
17066	18.94	-3.10	-2.70	-882.29	-215.73	-1134.72	-17.29	699.41	40.54
17067	0.61	-2.50	-4.10	179.87	-5.62	-864.32	-6.87	-127.13	-130.67
17068	0.61	-3.10	-4.10	176.05	-9.70	-855.51	-8.75	-126.97	-148.04
17069	1.84	-2.50	-4.10	171.75	-7.56	-815.37	-3.47	-88.13	-129.15
17070	1.83	-3.10	-4.10	168.15	-11.46	-806.79	-4.66	-88.46	-146.30
17071	3.07	-2.50	-4.10	155.26	-11.48	-766.76	-0.33	-53.83	-126.54
17072	3.06	-3.10	-4.10	151.93	-15.13	-758.51	-0.89	-54.55	-143.36
17073	4.30	-2.50	-4.10	131.65	-17.32	-720.69	2.51	-24.85	-122.84
17074	4.28	-3.10	-4.10	128.62	-20.65	-712.82	2.51	-25.85	-139.21
17075	5.52	-2.50	-4.10	102.50	-25.02	-679.93	5.01	-1.35	-118.04
17076	5.50	-3.10	-4.10	99.76	-27.95	-672.42	5.53	-2.53	-133.84
17077	6.75	-2.50	-4.10	69.78	-34.45	-647.67	7.15	17.03	-112.10
17078	6.72	-3.10	-4.10	67.25	-36.93	-640.44	8.11	15.75	-127.17
17079	7.98	-2.50	-4.10	35.73	-45.40	-627.35	8.83	31.41	-104.96
17080	7.94	-3.10	-4.10	33.31	-47.41	-620.27	10.19	30.06	-119.13
17081	9.21	-2.50	-4.10	2.75	-57.46	-622.33	9.89	43.83	-96.59
17082	9.17	-3.10	-4.10	0.31	-59.03	-615.18	11.55	42.41	-109.64
17083	10.43	-2.50	-4.10	-27.01	-69.86	-635.25	10.02	57.53	-87.04
17084	10.39	-3.10	-4.10	-29.55	-71.12	-627.81	11.86	55.96	-98.71
17085	11.66	-2.50	-4.10	-52.45	-81.30	-667.16	8.83	76.84	-76.49
17086	11.61	-3.10	-4.10	-55.09	-82.49	-659.15	10.61	75.06	-86.54
17087	12.89	-2.50	-4.10	-74.64	-89.90	-716.41	6.06	106.63	-65.25
17088	12.83	-3.10	-4.10	-77.34	-91.29	-707.55	7.36	104.53	-73.57
17089	14.12	-2.50	-4.10	-97.82	-93.51	-778.19	1.85	150.51	-53.46
17090	14.05	-3.10	-4.10	-100.61	-95.18	-768.24	2.20	147.89	-60.11
17091	15.34	-2.50	-4.10	-128.14	-90.77	-846.32	-3.59	208.74	-40.70
17092	15.28	-3.10	-4.10	-131.23	-92.44	-835.44	-4.07	205.01	-45.62
17093	16.57	-2.50	-4.10	-167.88	-82.28	-917.54	-12.28	280.32	-27.82
17094	16.50	-3.10	-4.10	-170.92	-83.57	-906.77	-11.23	274.77	-28.57
17095	17.80	-2.50	-4.10	-210.16	-64.52	-980.62	-27.41	378.80	-21.23
17096	17.72	-3.10	-4.10	-212.07	-64.97	-970.57	-22.34	371.86	-13.09
17097	19.03	-2.50	-4.10	-258.95	-22.63	-966.75	-42.09	532.90	-30.99
17098	18.94	-3.10	-4.10	-259.43	-21.45	-955.12	-35.87	525.09	-13.44
17099	0.61	-2.50	-5.50	355.25	46.36	-786.20	-0.15	-124.08	-118.08
17100	0.61	-3.10	-5.50	350.73	42.38	-779.06	-0.44	-123.67	-132.64
17101	1.84	-2.50	-5.50	356.14	42.31	-741.89	3.62	-95.96	-117.10
17102	1.83	-3.10	-5.50	351.67	38.51	-734.89	4.10	-95.93	-131.55
17103	3.07	-2.50	-5.50	350.45	36.54	-698.85	7.24	-71.23	-115.20
17104	3.06	-3.10	-5.50	346.07	32.99	-692.07	8.46	-71.50	-129.45
17105	4.30	-2.50	-5.50	339.34	29.17	-658.88	10.66	-50.10	-112.38
17106	4.28	-3.10	-5.50	335.07	25.92	-652.36	12.56	-50.60	-126.33
17107	5.52	-2.50	-5.50	324.29	20.34	-624.23	13.82	-32.38	-108.63
17108	5.50	-3.10	-5.50	320.10	17.47	-617.94	16.37	-33.05	-122.17
17109	6.75	-2.50	-5.50	307.03	10.31	-597.44	16.66	-17.34	-103.90
17110	6.72	-3.10	-5.50	302.87	7.84	-591.31	19.79	-18.14	-116.90
17111	7.98	-2.50	-5.50	289.49	-0.56	-581.16	19.06	-3.64	-98.16
17112	7.94	-3.10	-5.50	285.27	-2.60	-575.06	22.72	-4.56	-110.49
17113	9.21	-2.50	-5.50	273.59	-11.68	-577.78	20.86	10.76	-91.39
17114	9.17	-3.10	-5.50	269.22	-13.33	-571.56	24.95	9.68	-102.87
17115	10.43	-2.50	-5.50	260.97	-22.16	-588.99	21.81	28.59	-83.64
17116	10.39	-3.10	-5.50	256.39	-23.51	-582.45	26.19	27.27	-94.07
17117	11.66	-2.50	-5.50	252.51	-30.68	-615.19	21.59	52.94	-75.02
17118	11.61	-3.10	-5.50	247.70	-31.90	-608.13	26.06	51.29	-84.24
17119	12.89	-2.50	-5.50	248.01	-35.49	-655.07	19.93	86.71	-65.71
17120	12.83	-3.10	-5.50	242.99	-36.78	-647.27	24.18	84.62	-73.60
17121	14.12	-2.50	-5.50	246.49	-34.47	-705.67	16.60	131.77	-55.92
17122	14.05	-3.10	-5.50	241.30	-36.00	-697.01	20.33	129.09	-62.43
17123	15.34	-2.50	-5.50	247.61	-25.23	-762.89	11.19	189.39	-46.06
17124	15.28	-3.10	-5.50	242.42	-27.11	-753.36	14.32	185.92	-51.02
17125	16.57	-2.50	-5.50	253.14	-4.57	-818.83	3.31	263.73	-37.50
17126	16.50	-3.10	-5.50	248.28	-6.91	-808.44	5.78	259.37	-40.53
17127	17.80	-2.50	-5.50	261.77	32.41	-849.69	-5.63	364.68	-32.55

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
17128	17.72	-3.10	-5.50	257.49	29.27	-838.21	-4.25	359.15	-33.81
17129	19.03	-2.50	-5.50	257.75	91.94	-807.77	-9.92	491.93	-29.63
17130	18.94	-3.10	-5.50	254.20	86.86	-795.82	-10.15	483.98	-31.71
17131	0.61	-2.50	-6.90	555.28	112.06	-726.37	7.49	-116.19	-105.00
17132	0.61	-3.10	-6.90	550.04	108.06	-720.60	9.01	-115.64	-116.97
17133	1.84	-2.50	-6.90	564.43	105.44	-685.27	11.77	-97.11	-104.43
17134	1.83	-3.10	-6.90	559.08	101.64	-679.60	14.13	-96.84	-116.37
17135	3.07	-2.50	-6.90	568.65	97.35	-645.90	16.00	-80.28	-103.12
17136	3.06	-3.10	-6.90	563.23	93.79	-640.38	19.20	-80.23	-114.97
17137	4.30	-2.50	-6.90	568.94	87.92	-609.66	20.12	-65.56	-101.07
17138	4.28	-3.10	-6.90	563.45	84.68	-604.31	24.13	-65.69	-112.75
17139	5.52	-2.50	-6.90	566.56	77.37	-578.30	24.07	-52.44	-98.25
17140	5.50	-3.10	-6.90	560.97	74.50	-573.12	28.87	-52.72	-109.68
17141	6.75	-2.50	-6.90	562.93	66.00	-553.81	27.78	-39.96	-94.64
17142	6.72	-3.10	-6.90	557.19	63.54	-548.72	33.33	-40.38	-105.72
17143	7.98	-2.50	-6.90	559.60	54.26	-538.18	31.13	-26.61	-90.21
17144	7.94	-3.10	-6.90	553.64	52.21	-533.08	37.37	-27.19	-100.84
17145	9.21	-2.50	-6.90	558.09	42.76	-533.19	33.96	-10.40	-84.97
17146	9.17	-3.10	-6.90	551.85	41.10	-527.95	40.81	-11.21	-95.02
17147	10.43	-2.50	-6.90	559.74	32.44	-540.05	36.06	11.05	-78.94
17148	10.39	-3.10	-6.90	553.16	31.09	-534.49	43.39	9.94	-88.30
17149	11.66	-2.50	-6.90	565.57	24.53	-559.06	37.15	40.29	-72.22
17150	11.61	-3.10	-6.90	558.62	23.35	-553.02	44.80	38.78	-80.77
17151	12.89	-2.50	-6.90	576.23	20.70	-589.37	36.95	79.67	-64.96
17152	12.83	-3.10	-6.90	568.94	19.49	-582.65	44.69	77.63	-72.61
17153	14.12	-2.50	-6.90	592.33	23.00	-628.62	35.16	131.19	-57.38
17154	14.05	-3.10	-6.90	584.76	21.49	-621.03	42.76	128.51	-64.10
17155	15.34	-2.50	-6.90	614.56	33.99	-671.90	31.60	196.98	-49.85
17156	15.28	-3.10	-6.90	606.88	31.84	-663.29	38.81	193.52	-55.63
17157	16.57	-2.50	-6.90	642.36	56.72	-708.48	26.49	279.60	-42.73
17158	16.50	-3.10	-6.90	634.83	53.42	-698.76	33.09	275.12	-47.67
17159	17.80	-2.50	-6.90	670.30	94.31	-718.09	21.07	378.59	-35.61
17160	17.72	-3.10	-6.90	663.46	89.16	-707.66	26.89	372.63	-39.86
17161	19.03	-2.50	-6.90	687.95	148.48	-674.11	17.07	482.98	-26.29
17162	18.94	-3.10	-6.90	682.96	140.96	-664.36	22.26	475.13	-29.34
17163	0.61	-2.50	-8.30	776.78	190.86	-682.22	15.84	-104.68	-90.90
17164	0.61	-3.10	-8.30	770.79	186.65	-677.51	19.33	-104.07	-100.50
17165	1.84	-2.50	-8.30	793.48	181.24	-643.18	20.78	-92.95	-90.64
17166	1.83	-3.10	-8.30	787.25	177.25	-638.56	25.20	-92.52	-100.26
17167	3.07	-2.50	-8.30	806.77	170.36	-605.89	25.76	-82.56	-89.83
17168	3.06	-3.10	-8.30	800.30	166.65	-601.39	31.13	-82.28	-99.43
17169	4.30	-2.50	-8.30	817.43	158.37	-571.40	30.75	-73.11	-88.43
17170	4.28	-3.10	-8.30	810.73	154.99	-567.03	37.06	-72.97	-97.98
17171	5.52	-2.50	-8.30	826.43	145.48	-541.00	35.67	-63.86	-86.45
17172	5.50	-3.10	-8.30	819.45	142.48	-536.75	42.93	-63.84	-95.88
17173	6.75	-2.50	-8.30	834.82	132.00	-516.18	40.46	-53.67	-83.85
17174	6.72	-3.10	-8.30	827.52	129.41	-512.01	48.65	-53.78	-93.12
17175	7.98	-2.50	-8.30	843.70	118.34	-498.44	45.01	-40.94	-80.63
17176	7.94	-3.10	-8.30	836.03	116.18	-494.25	54.10	-41.24	-89.66
17177	9.21	-2.50	-8.30	854.16	105.10	-489.09	49.18	-23.70	-76.79
17178	9.17	-3.10	-8.30	846.05	103.36	-484.77	59.13	-24.26	-85.51
17179	10.43	-2.50	-8.30	867.16	93.12	-489.06	52.79	0.32	-72.36
17180	10.39	-3.10	-8.30	858.58	91.71	-484.48	63.50	-0.59	-80.69
17181	11.66	-2.50	-8.30	883.57	83.50	-498.64	55.60	33.52	-67.40
17182	11.61	-3.10	-8.30	874.49	82.30	-493.62	66.96	32.13	-75.27
17183	12.89	-2.50	-8.30	904.09	77.69	-517.17	57.33	78.21	-61.99
17184	12.83	-3.10	-8.30	894.55	76.48	-511.52	69.21	76.20	-69.35
17185	14.12	-2.50	-8.30	929.37	77.52	-542.54	57.73	136.46	-56.22
17186	14.05	-3.10	-8.30	919.45	75.99	-536.06	69.94	133.67	-63.01
17187	15.34	-2.50	-8.30	959.61	85.21	-570.12	56.59	209.70	-50.08
17188	15.28	-3.10	-8.30	949.51	82.88	-562.67	68.96	205.94	-56.27
17189	16.57	-2.50	-8.30	993.76	103.27	-591.48	53.85	297.53	-43.23
17190	16.50	-3.10	-8.30	983.91	99.52	-583.10	66.21	292.57	-48.72
17191	17.80	-2.50	-8.30	1029.00	134.33	-594.17	49.56	394.99	-34.65
17192	17.72	-3.10	-8.30	1020.20	128.41	-585.34	61.72	388.71	-39.10
17193	19.03	-2.50	-8.30	1061.87	180.95	-563.94	43.78	490.10	-22.39
17194	18.94	-3.10	-8.30	1055.41	172.33	-555.68	55.23	482.74	-25.17
17195	23.44	-2.50	-2.70	-447.63	724.70	1424.30	-67.64	1802.35	-418.49
17196	22.60	-2.50	-2.70	-608.92	531.05	641.59	-186.76	1066.55	-72.10
17197	21.75	-2.50	-2.70	-801.17	299.51	91.83	-214.40	925.67	-17.65
17198	20.91	-2.50	-2.70	-1006.05	144.47	-319.10	-205.05	910.30	29.97
17199	20.06	-2.50	-2.70	-1110.94	-85.89	-820.04	-146.43	977.66	-10.00
17200	23.37	-3.10	-2.70	-402.36	744.92	1451.01	127.62	1812.23	459.94
17201	22.52	-3.10	-2.70	-584.86	522.28	663.51	150.01	1049.73	128.59
17202	21.68	-3.10	-2.70	-787.05	283.28	93.96	143.70	912.06	26.37
17203	20.83	-3.10	-2.70	-993.08	140.32	-326.85	132.97	884.04	-49.26
17204	19.98	-3.10	-2.70	-1110.45	-84.91	-824.49	47.81	948.29	-36.34
17205	23.44	-2.50	-4.10	-126.99	401.68	1065.96	22.15	1665.02	-407.40
17206	22.60	-2.50	-4.10	-179.53	443.49	538.80	-9.43	908.15	35.09
17207	21.75	-2.50	-4.10	-311.16	364.36	97.96	-24.54	754.34	18.33
17208	20.91	-2.50	-4.10	-405.51	256.72	-300.24	-18.68	740.51	-3.00
17209	20.06	-2.50	-4.10	-353.76	97.20	-718.37	-26.28	708.48	-35.43
17210	23.37	-3.10	-4.10	-82.87	398.81	1078.57	20.75	1669.00	533.71
17211	22.52	-3.10	-4.10	-171.46	424.29	533.23	31.51	887.72	120.30
17212	21.68	-3.10	-4.10	-305.24	353.06	92.58	24.79	744.98	36.41
17213	20.83	-3.10	-4.10	-400.91	251.49	-297.82	-0.59	726.42	-16.81
17214	19.98	-3.10	-4.10	-352.55	99.57	-707.12	-33.87	695.58	-31.55
17215	23.44	-2.50	-5.50	212.12	438.50	940.04	-27.97	1590.39	-323.24
17216	22.60	-2.50	-5.50	155.99	443.09	521.44	10.41	867.94	84.69
17217	21.75	-2.50	-5.50	134.75	383.11	116.18	14.67	739.87	35.54
17218	20.91	-2.50	-5.50	157.65	292.54	-277.00	6.77	690.97	5.30
17219	20.06	-2.50	-5.50	214.28	182.22	-615.35	-5.45	620.60	-21.19
17220	23.37	-3.10	-5.50	268.65	441.19	945.05	81.79	1585.86	512.62
17221	22.52	-3.10	-5.50	164.58	428.60	514.79	61.73	843.65	127.89
17222	21.68	-3.10	-5.50	138.40	377.44	113.83	41.23	728.66	57.09
17223	20.83	-3.10	-5.50	159.20	285.41	-273.18	15.70	678.44	8.01
17224	19.98	-3.10	-5.50	212.83	174.60	-605.92	-2.01	609.36	-23.32
17225	23.44	-2.50	-6.90	596.64	457.22	973.52	-73.80	1443.30	-263.86
17226	22.60	-2.50	-6.90	538.92	451.85	554.26	12.70	739.20	114.25

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
17227	21.75	-2.50	-6.90	602.39	419.69	124.28	29.30	641.13	59.70
17228	20.91	-2.50	-6.90	658.06	333.12	-259.02	21.00	625.90	23.79
17229	20.06	-2.50	-6.90	684.55	229.37	-529.85	16.58	576.83	-8.98
17230	23.37	-3.10	-6.90	674.86	473.62	974.13	139.04	1434.86	471.14
17231	22.52	-3.10	-6.90	546.28	431.42	544.65	92.42	717.36	135.51
17232	21.68	-3.10	-6.90	603.82	415.39	124.15	53.52	632.52	80.61
17233	20.83	-3.10	-6.90	659.30	324.66	-255.33	27.66	616.51	28.62
17234	19.98	-3.10	-6.90	682.90	220.20	-522.60	21.28	567.76	-9.44
17235	23.44	-2.50	-8.30	1070.17	464.37	1168.50	-120.11	1088.22	-179.17
17236	22.60	-2.50	-8.30	1127.20	493.64	564.25	8.50	475.07	135.66
17237	21.75	-2.50	-8.30	1143.68	464.75	45.06	28.49	533.59	80.73
17238	20.91	-2.50	-8.30	1122.36	360.04	-279.92	29.67	595.78	35.52
17239	20.06	-2.50	-8.30	1092.45	255.29	-469.60	36.62	569.85	-1.62
17240	23.37	-3.10	-8.30	1140.71	474.04	1160.52	258.72	1095.44	388.33
17241	22.52	-3.10	-8.30	1133.04	476.09	551.81	106.44	459.68	168.48
17242	21.68	-3.10	-8.30	1144.73	462.35	45.94	51.57	526.61	107.93
17243	20.83	-3.10	-8.30	1123.56	350.28	-276.25	38.55	588.84	42.36
17244	19.98	-3.10	-8.30	1089.82	244.62	-463.06	46.53	562.36	-0.78
17245	-0.61	-2.50	-2.70	38.42	-45.47	-1015.57	-15.85	-180.64	-144.01
17246	-1.84	-2.50	-2.70	33.25	-49.59	-1063.61	-19.49	-240.51	-143.63
17247	-3.07	-2.50	-2.70	15.99	-56.07	-1107.09	-23.22	-301.89	-141.94
17248	-4.30	-2.50	-2.70	-13.36	-65.03	-1146.51	-26.93	-362.94	-138.95
17249	-5.52	-2.50	-2.70	-54.52	-76.66	-1183.29	-30.46	-421.85	-134.73
17250	-6.75	-2.50	-2.70	-106.92	-91.15	-1219.74	-33.69	-476.97	-129.39
17251	-7.98	-2.50	-2.70	-169.87	-108.76	-1259.07	-36.51	-526.98	-123.08
17252	-9.21	-2.50	-2.70	-242.71	-129.82	-1305.32	-38.88	-571.05	-116.03
17253	-10.43	-2.50	-2.70	-325.12	-154.81	-1363.27	-40.80	-608.97	-108.46
17254	-11.66	-2.50	-2.70	-417.54	-184.42	-1438.48	-42.37	-641.30	-100.66
17255	-12.89	-2.50	-2.70	-521.84	-219.77	-1537.56	-43.77	-669.49	-92.93
17256	-14.12	-2.50	-2.70	-642.41	-262.68	-1668.91	-45.38	-696.10	-85.58
17257	-15.34	-2.50	-2.70	-788.11	-316.58	-1845.97	-47.76	-725.01	-78.89
17258	-16.57	-2.50	-2.70	-976.15	-387.26	-2087.86	-51.88	-762.20	-73.08
17259	-17.80	-2.50	-2.70	-1238.94	-495.61	-2497.66	-57.82	-810.17	-67.78
17260	-19.03	-2.50	-2.70	-1688.48	-622.97	-2826.84	-72.88	-1105.47	-96.06
17261	-0.61	-3.10	-2.70	35.05	-49.77	-1004.65	-19.74	-180.12	-164.55
17262	-1.83	-3.10	-2.70	29.77	-53.95	-1052.72	-24.13	-239.20	-164.25
17263	-3.06	-3.10	-2.70	12.57	-60.43	-1096.46	-28.66	-299.75	-162.48
17264	-4.28	-3.10	-2.70	-16.56	-69.34	-1136.37	-33.19	-360.00	-159.27
17265	-5.50	-3.10	-2.70	-57.34	-80.86	-1173.84	-37.57	-418.18	-154.68
17266	-6.72	-3.10	-2.70	-109.24	-95.18	-1211.14	-41.63	-472.69	-148.83
17267	-7.94	-3.10	-2.70	-171.59	-112.58	-1251.41	-45.27	-522.24	-141.88
17268	-9.17	-3.10	-2.70	-243.77	-133.39	-1298.60	-48.41	-566.03	-134.06
17269	-10.39	-3.10	-2.70	-325.51	-158.09	-1357.39	-51.06	-603.86	-125.66
17270	-11.61	-3.10	-2.70	-417.28	-187.40	-1433.26	-53.33	-636.28	-117.01
17271	-12.83	-3.10	-2.70	-520.95	-222.44	-1532.74	-55.47	-664.72	-108.46
17272	-14.05	-3.10	-2.70	-640.88	-265.05	-1664.16	-57.88	-691.67	-100.40
17273	-15.28	-3.10	-2.70	-785.89	-318.63	-1840.92	-61.23	-720.98	-93.20
17274	-16.50	-3.10	-2.70	-973.07	-388.87	-2082.33	-66.66	-758.53	-87.25
17275	-17.72	-3.10	-2.70	-1234.81	-495.96	-2490.52	-74.23	-807.40	-82.18
17276	-18.94	-3.10	-2.70	-1682.87	-622.97	-2817.35	-94.87	-1102.14	-118.17
17277	-0.61	-2.50	-4.10	178.68	-5.73	-912.01	-10.46	-169.92	-131.10
17278	-1.84	-2.50	-4.10	167.57	-7.95	-957.53	-14.16	-215.30	-130.44
17279	-3.07	-2.50	-4.10	146.27	-12.38	-1000.65	-17.86	-261.92	-128.67
17280	-4.30	-2.50	-4.10	114.79	-19.12	-1041.95	-21.46	-308.37	-125.84
17281	-5.52	-2.50	-4.10	73.46	-28.28	-1082.73	-24.81	-353.19	-121.99
17282	-6.75	-2.50	-4.10	22.88	-39.98	-1125.10	-27.82	-395.04	-117.22
17283	-7.98	-2.50	-4.10	-36.11	-54.34	-1171.86	-30.39	-432.78	-111.63
17284	-9.21	-2.50	-4.10	-102.59	-71.53	-1226.50	-32.42	-465.54	-105.35
17285	-10.43	-2.50	-4.10	-175.57	-91.70	-1293.14	-33.87	-492.76	-98.55
17286	-11.66	-2.50	-4.10	-254.14	-115.08	-1376.54	-34.68	-514.29	-91.41
17287	-12.89	-2.50	-4.10	-337.42	-141.92	-1482.27	-34.82	-530.48	-84.13
17288	-14.12	-2.50	-4.10	-424.11	-172.47	-1617.39	-34.13	-542.44	-76.98
17289	-15.34	-2.50	-4.10	-510.70	-206.61	-1790.78	-32.17	-553.56	-70.51
17290	-16.57	-2.50	-4.10	-586.34	-243.48	-2018.45	-27.55	-574.79	-66.37
17291	-17.80	-2.50	-4.10	-614.34	-269.93	-2272.10	-17.04	-672.01	-73.52
17292	-19.03	-2.50	-4.10	-592.10	-246.25	-2296.72	-7.05	-960.60	-107.14
17293	-0.61	-3.10	-4.10	174.75	-9.91	-903.10	-13.08	-169.19	-148.57
17294	-1.83	-3.10	-4.10	163.66	-12.19	-948.68	-17.56	-213.94	-147.89
17295	-3.06	-3.10	-4.10	142.50	-16.61	-992.06	-22.07	-259.92	-145.99
17296	-4.28	-3.10	-4.10	111.30	-23.28	-1033.77	-26.47	-305.72	-142.90
17297	-5.50	-3.10	-4.10	70.39	-32.31	-1075.13	-30.62	-349.95	-138.67
17298	-6.72	-3.10	-4.10	20.34	-43.81	-1118.18	-34.38	-391.30	-133.40
17299	-7.94	-3.10	-4.10	-38.05	-57.93	-1165.66	-37.64	-428.65	-127.20
17300	-9.17	-3.10	-4.10	-103.86	-74.81	-1221.01	-40.30	-461.13	-120.22
17301	-10.39	-3.10	-4.10	-176.15	-94.62	-1288.25	-42.27	-488.22	-112.64
17302	-11.61	-3.10	-4.10	-254.03	-117.59	-1372.06	-43.51	-509.75	-104.67
17303	-12.83	-3.10	-4.10	-336.64	-143.95	-1477.96	-43.93	-526.07	-96.55
17304	-14.05	-3.10	-4.10	-422.66	-173.91	-1612.91	-43.32	-538.29	-88.63
17305	-15.28	-3.10	-4.10	-508.61	-207.28	-1785.73	-41.12	-549.78	-81.64
17306	-16.50	-3.10	-4.10	-583.73	-242.98	-2012.10	-35.67	-571.61	-77.66
17307	-17.72	-3.10	-4.10	-612.07	-267.84	-2262.87	-23.27	-669.06	-87.68
17308	-18.94	-3.10	-4.10	-590.94	-243.23	-2285.38	-11.77	-954.57	-130.71
17309	-0.61	-2.50	-5.50	346.91	48.57	-830.51	-4.01	-155.04	-118.16
17310	-1.84	-2.50	-5.50	330.57	48.88	-874.13	-7.88	-188.06	-117.35
17311	-3.07	-2.50	-5.50	305.99	47.21	-916.99	-11.65	-222.19	-115.67
17312	-4.30	-2.50	-5.50	273.27	43.50	-959.71	-15.22	-256.40	-113.14
17313	-5.52	-2.50	-5.50	232.81	37.70	-1003.54	-18.48	-289.68	-109.83
17314	-6.75	-2.50	-5.50	185.38	29.79	-1050.42	-21.31	-321.08	-105.81
17315	-7.98	-2.50	-5.50	132.07	19.78	-1102.88	-23.58	-349.82	-101.19
17316	-9.21	-2.50	-5.50	74.34	7.76	-1164.03	-25.18	-375.34	-96.09
17317	-10.43	-2.50	-5.50	14.07	-6.13	-1237.47	-25.98	-397.46	-90.69
17318	-11.66	-2.50	-5.50	-46.24	-21.57	-1327.15	-25.81	-416.60	-85.20
17319	-12.89	-2.50	-5.50	-103.12	-37.96	-1437.26	-24.45	-434.24	-80.01
17320	-14.12	-2.50	-5.50	-151.23	-54.14	-1571.52	-21.55	-454.32	-75.76
17321	-15.34	-2.50	-5.50	-182.19	-67.82	-1731.17	-16.59	-486.51	-73.84
17322	-16.57	-2.50	-5.50	-184.16	-73.55	-1901.29	-9.25	-555.99	-77.43
17323	-17.80	-2.50	-5.50	-163.11	-61.54	-2011.16	-2.44	-702.69	-91.08
17324	-19.03	-2.50	-5.50	-179.59	-26.49	-1932.34	-5.65	-913.09	-111.63
17325	-0.61	-3.10	-5.50	342.42	44.48	-823.32	-5.09	-154.20	-132.75



Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
17326	-1.83	-3.10	-5.50	326.21	44.73	-867.03	-9.76	-186.74	-131.87
17327	-3.06	-3.10	-5.50	301.87	43.08	-910.12	-14.33	-220.38	-130.03
17328	-4.28	-3.10	-5.50	269.50	39.45	-953.21	-18.67	-254.11	-127.26
17329	-5.50	-3.10	-5.50	229.51	33.79	-997.52	-22.66	-286.95	-123.62
17330	-6.72	-3.10	-5.50	182.64	26.10	-1044.94	-26.14	-317.96	-119.21
17331	-7.94	-3.10	-5.50	129.97	16.39	-1097.97	-28.98	-346.39	-114.12
17332	-9.17	-3.10	-5.50	72.93	4.72	-1159.64	-31.02	-371.70	-108.51
17333	-10.39	-3.10	-5.50	13.39	-8.73	-1233.47	-32.08	-393.73	-102.57
17334	-11.61	-3.10	-5.50	-46.21	-23.64	-1323.34	-31.97	-412.89	-96.58
17335	-12.83	-3.10	-5.50	-102.41	-39.40	-1433.35	-30.40	-430.69	-91.00
17336	-14.05	-3.10	-5.50	-149.94	-54.82	-1567.08	-26.91	-451.06	-86.67
17337	-15.28	-3.10	-5.50	-180.56	-67.60	-1725.60	-20.90	-483.66	-85.30
17338	-16.50	-3.10	-5.50	-182.71	-72.33	-1893.66	-12.00	-553.39	-90.83
17339	-17.72	-3.10	-5.50	-162.52	-59.66	-2001.00	-3.76	-699.09	-108.79
17340	-18.94	-3.10	-5.50	-179.25	-25.34	-1921.80	-7.75	-906.59	-135.14
17341	-0.61	-2.50	-6.90	540.45	117.09	-768.21	3.23	-137.32	-104.86
17342	-1.84	-2.50	-6.90	519.47	120.44	-810.33	-0.94	-160.10	-104.04
17343	-3.07	-2.50	-6.90	492.15	122.06	-852.78	-4.94	-183.98	-102.55
17344	-4.30	-2.50	-6.90	458.62	121.91	-896.18	-8.67	-208.36	-100.47
17345	-5.52	-2.50	-6.90	419.36	120.00	-941.71	-12.01	-232.67	-97.84
17346	-6.75	-2.50	-6.90	375.19	116.38	-991.12	-14.85	-256.45	-94.77
17347	-7.98	-2.50	-6.90	327.38	111.17	-1046.65	-17.08	-279.45	-91.37
17348	-9.21	-2.50	-6.90	277.64	104.58	-1110.93	-18.55	-301.76	-87.80
17349	-10.43	-2.50	-6.90	228.30	96.99	-1186.81	-19.12	-323.98	-84.27
17350	-11.66	-2.50	-6.90	182.35	89.01	-1276.98	-18.63	-347.58	-81.10
17351	-12.89	-2.50	-6.90	143.58	81.61	-1383.18	-16.94	-375.62	-78.77
17352	-14.12	-2.50	-6.90	116.45	76.34	-1504.40	-13.96	-413.92	-78.06
17353	-15.34	-2.50	-6.90	104.62	75.66	-1631.98	-9.97	-473.07	-80.19
17354	-16.57	-2.50	-6.90	104.75	82.93	-1739.78	-6.31	-567.03	-86.53
17355	-17.80	-2.50	-6.90	97.33	100.64	-1779.53	-6.23	-698.24	-96.52
17356	-19.03	-2.50	-6.90	56.21	128.48	-1702.51	-12.72	-835.50	-105.33
17357	-0.61	-3.10	-6.90	535.37	112.96	-762.43	3.90	-136.47	-116.81
17358	-1.83	-3.10	-6.90	514.62	116.25	-804.64	-1.10	-158.91	-115.90
17359	-3.06	-3.10	-6.90	487.63	117.87	-847.28	-5.90	-182.44	-114.28
17360	-4.28	-3.10	-6.90	454.52	117.80	-890.98	-10.39	-206.49	-112.02
17361	-5.50	-3.10	-6.90	415.76	116.04	-936.90	-14.42	-230.49	-109.18
17362	-6.72	-3.10	-6.90	372.18	112.64	-986.74	-17.86	-254.02	-105.87
17363	-7.94	-3.10	-6.90	325.02	107.72	-1042.68	-20.55	-276.83	-102.24
17364	-9.17	-3.10	-6.90	275.99	101.52	-1107.30	-22.34	-299.02	-98.45
17365	-10.39	-3.10	-6.90	227.35	94.39	-1183.37	-23.03	-321.20	-94.79
17366	-11.61	-3.10	-6.90	182.06	86.95	-1273.48	-22.43	-344.86	-91.62
17367	-12.83	-3.10	-6.90	143.87	80.18	-1379.26	-20.35	-373.03	-89.56
17368	-14.05	-3.10	-6.90	117.09	75.58	-1499.56	-16.71	-411.51	-89.57
17369	-15.28	-3.10	-6.90	105.27	75.55	-1625.61	-11.83	-470.68	-93.18
17370	-16.50	-3.10	-6.90	104.99	83.24	-1731.43	-7.41	-564.12	-102.00
17371	-17.72	-3.10	-6.90	97.17	100.82	-1769.70	-7.37	-693.77	-115.32
17372	-18.94	-3.10	-6.90	56.56	127.76	-1693.16	-15.35	-828.96	-127.22
17373	-0.61	-2.50	-8.30	756.06	199.10	-722.30	11.01	-117.84	-90.64
17374	-1.84	-2.50	-8.30	730.91	205.87	-763.12	6.35	-132.36	-89.88
17375	-3.07	-2.50	-8.30	701.18	211.14	-804.81	1.93	-148.05	-88.68
17376	-4.30	-2.50	-8.30	666.96	214.89	-847.95	-2.17	-164.68	-87.10
17377	-5.52	-2.50	-8.30	628.64	217.12	-893.60	-5.87	-182.15	-85.22
17378	-6.75	-2.50	-8.30	586.98	217.91	-943.22	-9.06	-200.48	-83.16
17379	-7.98	-2.50	-8.30	543.08	217.40	-998.65	-11.64	-220.00	-81.06
17380	-9.21	-2.50	-8.30	498.50	215.83	-1061.93	-13.50	-241.45	-79.09
17381	-10.43	-2.50	-8.30	455.23	213.60	-1134.97	-14.55	-266.13	-77.48
17382	-11.66	-2.50	-8.30	415.63	211.31	-1219.02	-14.73	-296.23	-76.55
17383	-12.89	-2.50	-8.30	382.13	209.84	-1313.52	-14.05	-335.13	-76.70
17384	-14.12	-2.50	-8.30	356.34	210.40	-1414.12	-12.76	-387.70	-78.41
17385	-15.34	-2.50	-8.30	336.92	214.47	-1509.45	-11.52	-459.43	-82.10
17386	-16.57	-2.50	-8.30	316.82	223.32	-1578.98	-11.63	-552.31	-87.53
17387	-17.80	-2.50	-8.30	284.04	237.41	-1596.66	-14.62	-657.81	-93.05
17388	-19.03	-2.50	-8.30	228.75	256.06	-1542.55	-21.12	-753.08	-95.53
17389	-0.61	-3.10	-8.30	750.34	194.74	-717.58	13.59	-117.04	-100.18
17390	-1.83	-3.10	-8.30	725.52	201.43	-758.46	8.05	-131.34	-99.35
17391	-3.06	-3.10	-8.30	696.17	206.68	-800.30	2.79	-146.81	-98.05
17392	-4.28	-3.10	-8.30	662.40	210.46	-843.67	-2.09	-163.26	-96.38
17393	-5.50	-3.10	-8.30	624.61	212.81	-889.60	-6.49	-180.55	-94.43
17394	-6.72	-3.10	-8.30	583.53	213.79	-939.52	-10.27	-198.76	-92.32
17395	-7.94	-3.10	-8.30	540.27	213.54	-995.22	-13.32	-218.20	-90.24
17396	-9.17	-3.10	-8.30	496.35	212.31	-1058.67	-15.51	-239.60	-88.38
17397	-10.39	-3.10	-8.30	453.73	210.49	-1131.70	-16.72	-264.29	-87.04
17398	-11.61	-3.10	-8.30	414.72	208.66	-1215.47	-16.86	-294.41	-86.59
17399	-12.83	-3.10	-8.30	381.68	207.68	-1309.33	-15.98	-333.31	-87.54
17400	-14.05	-3.10	-8.30	356.13	208.71	-1408.85	-14.36	-385.76	-90.49
17401	-15.28	-3.10	-8.30	336.71	213.12	-1502.73	-12.84	-457.04	-95.92
17402	-16.50	-3.10	-8.30	316.50	222.05	-1570.81	-13.00	-548.95	-103.53
17403	-17.72	-3.10	-8.30	283.90	235.85	-1587.75	-16.69	-653.02	-111.30
17404	-18.94	-3.10	-8.30	229.43	253.85	-1534.28	-24.67	-746.95	-115.40
17405	-20.06	-2.50	-2.70	-2098.70	-519.45	-1568.24	-103.28	-1480.57	-160.77
17406	-20.91	-2.50	-2.70	-758.78	-97.28	-80.81	-15.25	-341.16	-34.72
17407	-21.75	-2.50	-2.70	-231.85	6.92	-67.52	17.15	-117.99	-7.24
17408	-22.60	-2.50	-2.70	-37.63	68.19	-27.52	16.57	-17.88	4.80
17409	-23.44	-2.50	-2.70	2.35	96.71	4.22	1.55	19.92	12.20
17410	-19.98	-3.10	-2.70	-2088.93	-520.28	-1562.01	-136.20	-1470.82	-198.78
17411	-20.83	-3.10	-2.70	-755.21	-95.77	-79.85	-26.94	-338.04	-43.21
17412	-21.68	-3.10	-2.70	-231.94	8.02	-67.14	15.83	-117.02	-8.97
17413	-22.52	-3.10	-2.70	-38.47	68.38	-27.36	17.08	-17.92	5.55
17414	-23.37	-3.10	-2.70	2.31	95.47	4.17	0.63	19.52	14.11
17415	-20.06	-2.50	-4.10	-706.49	-145.13	-1629.27	-29.94	-1259.49	-141.97
17416	-20.91	-2.50	-4.10	-801.07	-22.37	-703.37	-57.17	-930.72	-95.44
17417	-21.75	-2.50	-4.10	-440.54	94.27	-255.97	-34.44	-422.17	-31.45
17418	-22.60	-2.50	-4.10	-182.64	151.96	-152.81	-19.60	-161.75	1.91
17419	-23.44	-2.50	-4.10	-39.33	198.52	-23.97	-17.94	-23.24	23.16
17420	-19.98	-3.10	-4.10	-703.30	-144.54	-1620.65	-40.25	-1249.04	-175.80
17421	-20.83	-3.10	-4.10	-794.94	-24.97	-699.45	-73.93	-923.35	-119.54
17422	-21.68	-3.10	-4.10	-437.05	91.96	-254.52	-45.00	-419.41	-40.65
17423	-22.52	-3.10	-4.10	-181.09	149.89	-152.08	-25.75	-161.27	0.02
17424	-23.37	-3.10	-4.10	-38.25	196.21	-23.90	-22.57	-23.87	25.29

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
17425	-20.06	-2.50	-5.50	-294.82	33.31	-1541.40	-25.54	-1054.41	-120.51
17426	-20.91	-2.50	-5.50	-383.49	109.98	-983.32	-44.29	-935.06	-94.01
17427	-21.75	-2.50	-5.50	-335.48	176.59	-571.36	-46.12	-621.43	-47.77
17428	-22.60	-2.50	-5.50	-171.70	232.88	-350.81	-35.70	-318.29	-6.48
17429	-23.44	-2.50	-5.50	-41.50	283.99	-151.84	-29.39	-98.16	24.25
17430	-19.98	-3.10	-5.50	-292.66	32.23	-1533.45	-32.21	-1046.05	-147.30
17431	-20.83	-3.10	-5.50	-379.68	107.00	-978.59	-55.33	-928.42	-116.13
17432	-21.68	-3.10	-5.50	-331.80	173.12	-568.83	-57.60	-617.81	-60.42
17433	-22.52	-3.10	-5.50	-169.33	229.73	-349.43	-44.50	-317.20	-10.62
17434	-23.37	-3.10	-5.50	-39.77	281.06	-151.30	-36.31	-98.73	26.11
17435	-20.06	-2.50	-6.90	-34.36	168.80	-1459.67	-26.56	-920.14	-104.51
17436	-20.91	-2.50	-6.90	-129.85	216.27	-1109.91	-40.64	-859.67	-83.49
17437	-21.75	-2.50	-6.90	-151.40	261.41	-799.30	-45.13	-660.48	-48.64
17438	-22.60	-2.50	-6.90	-98.48	302.87	-576.63	-41.28	-410.27	-11.53
17439	-23.44	-2.50	-6.90	-25.64	345.98	-372.87	-35.68	-151.01	23.32
17440	-19.98	-3.10	-6.90	-32.55	166.70	-1452.48	-32.34	-912.88	-127.58
17441	-20.83	-3.10	-6.90	-126.83	213.01	-1105.00	-49.74	-853.82	-103.25
17442	-21.68	-3.10	-6.90	-148.25	257.78	-796.09	-55.40	-656.88	-61.74
17443	-22.52	-3.10	-6.90	-95.94	299.37	-574.54	-50.77	-408.89	-17.29
17444	-23.37	-3.10	-6.90	-23.57	342.82	-371.55	-43.89	-151.54	24.53
17445	-20.06	-2.50	-8.30	140.86	280.57	-1393.21	-31.26	-806.81	-90.28
17446	-20.91	-2.50	-8.30	45.04	309.00	-1173.80	-41.15	-768.25	-71.88
17447	-21.75	-2.50	-8.30	-14.67	336.36	-958.50	-45.61	-629.69	-43.80
17448	-22.60	-2.50	-8.30	-26.17	362.72	-784.13	-44.17	-425.74	-11.50
17449	-23.44	-2.50	-8.30	-9.65	389.26	-642.01	-39.54	-168.55	22.80
17450	-19.98	-3.10	-8.30	142.73	277.55	-1386.54	-37.20	-800.50	-110.28
17451	-20.83	-3.10	-8.30	47.73	305.36	-1168.76	-49.59	-763.17	-89.13
17452	-21.68	-3.10	-8.30	-11.79	332.56	-954.78	-55.38	-626.42	-55.96
17453	-22.52	-3.10	-8.30	-23.60	359.02	-781.33	-53.94	-424.41	-17.43
17454	-23.37	-3.10	-8.30	-7.37	385.96	-639.78	-48.52	-169.09	23.77
17455	18.78	-3.96	-2.70	-982.59	-179.77	-1191.74	0.84	631.59	80.12
17456	17.57	-3.96	-2.70	-718.57	-172.00	-1097.55	-19.84	457.69	20.91
17457	16.36	-3.96	-2.70	-563.91	-162.20	-988.07	-34.09	354.73	-32.82
17458	15.15	-3.96	-2.70	-472.57	-163.08	-910.29	-28.79	257.55	-52.57
17459	13.94	-3.96	-2.70	-420.97	-157.68	-828.40	-17.22	182.37	-68.12
17460	12.73	-3.96	-2.70	-384.04	-144.80	-751.99	-7.90	135.29	-85.49
17461	11.51	-3.96	-2.70	-346.01	-128.57	-693.16	-2.78	110.39	-103.71
17462	10.30	-3.96	-2.70	-301.65	-112.30	-658.21	-0.90	97.69	-120.91
17463	9.09	-3.96	-2.70	-251.72	-97.63	-647.51	-0.91	88.70	-136.16
17464	7.88	-3.96	-2.70	-199.16	-85.14	-658.07	-1.94	77.73	-149.26
17465	6.67	-3.95	-2.70	-147.17	-74.93	-685.64	-3.60	61.53	-160.35
17466	5.45	-3.95	-2.70	-98.56	-66.92	-725.77	-5.78	38.46	-169.64
17467	4.24	-3.95	-2.70	-55.62	-61.03	-774.31	-8.51	7.97	-177.28
17468	3.03	-3.95	-2.70	-20.13	-57.17	-827.60	-11.84	-29.80	-183.36
17469	1.82	-3.95	-2.70	6.49	-55.31	-882.59	-15.77	-74.28	-187.90
17470	0.61	-3.95	-2.70	23.14	-55.44	-936.84	-20.27	-124.49	-190.89
17471	18.53	-5.08	-2.70	-1063.29	-126.13	-1218.46	-47.10	569.10	44.40
17472	17.33	-5.08	-2.70	-736.96	-156.46	-1068.43	-44.08	435.03	5.84
17473	16.14	-5.08	-2.70	-559.24	-173.03	-948.77	-45.36	352.83	-38.10
17474	14.94	-5.08	-2.70	-468.98	-176.83	-880.74	-32.04	254.34	-58.45
17475	13.75	-5.07	-2.70	-421.90	-166.08	-804.29	-17.67	178.21	-79.15
17476	12.55	-5.07	-2.70	-386.58	-149.33	-731.43	-8.86	132.02	-102.28
17477	11.36	-5.07	-2.70	-348.01	-132.03	-675.28	-4.89	108.13	-124.87
17478	10.16	-5.07	-2.70	-302.66	-116.47	-642.30	-3.77	95.78	-145.08
17479	8.97	-5.07	-2.70	-252.24	-103.24	-632.72	-4.09	86.53	-162.45
17480	7.77	-5.06	-2.70	-199.96	-92.34	-643.55	-5.21	75.03	-177.18
17481	6.58	-5.06	-2.70	-148.91	-83.56	-670.66	-6.94	58.32	-189.61
17482	5.38	-5.06	-2.70	-101.69	-76.77	-709.80	-9.33	35.02	-200.04
17483	4.18	-5.06	-2.70	-60.33	-71.86	-757.05	-12.44	4.67	-208.67
17484	2.99	-5.06	-2.70	-26.43	-68.76	-808.98	-16.33	-32.54	-215.58
17485	1.79	-5.05	-2.70	-1.23	-67.47	-862.74	-21.02	-76.02	-220.80
17486	0.60	-5.05	-2.70	14.28	-68.01	-916.05	-26.44	-124.87	-224.29
17487	18.21	-6.18	-2.70	-1034.18	-115.62	-1149.92	-103.12	547.99	-10.83
17488	17.04	-6.18	-2.70	-719.45	-166.08	-1016.48	-73.27	429.87	-13.29
17489	15.86	-6.18	-2.70	-551.93	-193.34	-916.10	-47.56	344.92	-34.33
17490	14.69	-6.18	-2.70	-472.26	-190.29	-854.17	-27.26	244.50	-59.92
17491	13.51	-6.17	-2.70	-428.84	-172.66	-779.58	-15.86	171.72	-90.77
17492	12.34	-6.17	-2.70	-391.90	-153.59	-709.21	-10.78	129.48	-120.62
17493	11.16	-6.17	-2.70	-350.40	-136.85	-656.19	-8.89	107.72	-146.83
17494	9.99	-6.17	-2.70	-302.97	-122.98	-625.96	-8.45	95.69	-169.01
17495	8.81	-6.17	-2.70	-251.89	-111.66	-618.13	-8.72	85.71	-187.63
17496	7.64	-6.16	-2.70	-200.19	-102.51	-629.59	-9.58	73.12	-203.34
17497	6.46	-6.16	-2.70	-150.60	-95.22	-656.35	-11.13	55.46	-216.67
17498	5.29	-6.16	-2.70	-105.31	-89.66	-694.45	-13.52	31.60	-227.95
17499	4.11	-6.16	-2.70	-66.04	-85.72	-740.26	-16.87	1.22	-237.36
17500	2.94	-6.16	-2.70	-34.15	-83.40	-790.63	-21.22	-35.47	-244.98
17501	1.76	-6.15	-2.70	-10.74	-82.71	-842.95	-26.55	-77.92	-250.78
17502	0.59	-6.15	-2.70	3.35	-83.69	-895.15	-32.79	-125.28	-254.73
17503	17.83	-7.26	-2.70	-918.02	-148.38	-1019.59	-148.87	562.65	-44.58
17504	16.68	-7.26	-2.70	-686.86	-202.75	-970.47	-81.83	427.43	-6.64
17505	15.53	-7.26	-2.70	-557.10	-213.60	-898.75	-38.72	322.39	-23.85
17506	14.38	-7.26	-2.70	-487.83	-197.11	-830.20	-22.34	227.86	-65.91
17507	13.23	-7.26	-2.70	-441.05	-176.54	-752.86	-17.48	165.48	-107.07
17508	12.08	-7.26	-2.70	-397.72	-158.76	-684.87	-15.95	129.71	-141.37
17509	10.93	-7.26	-2.70	-351.31	-144.38	-636.09	-15.15	110.19	-169.22
17510	9.78	-7.26	-2.70	-301.47	-132.83	-609.66	-14.55	97.78	-192.02
17511	8.63	-7.26	-2.70	-250.14	-123.52	-604.26	-14.26	86.25	-211.04
17512	7.48	-7.26	-2.70	-199.70	-116.01	-616.70	-14.58	71.91	-227.19
17513	6.33	-7.26	-2.70	-152.25	-110.08	-643.24	-15.81	52.82	-241.07
17514	5.18	-7.25	-2.70	-109.51	-105.63	-680.26	-18.15	28.12	-252.95
17515	4.03	-7.25	-2.70	-72.86	-102.61	-724.50	-21.68	-2.45	-262.98
17516	2.88	-7.25	-2.70	-43.43	-101.04	-773.15	-26.43	-38.66	-271.17
17517	1.73	-7.25	-2.70	-22.14	-100.95	-823.88	-32.34	-80.02	-277.48
17518	0.58	-7.25	-2.70	-9.74	-102.37	-874.85	-39.31	-125.76	-281.84
17519	18.78	-3.96	-4.10	-267.27	-1.58	-957.09	-35.08	498.73	-5.71
17520	17.57	-3.96	-4.10	-226.12	-58.36	-960.73	-21.88	351.74	-10.33
17521	16.36	-3.96	-4.10	-180.59	-84.31	-888.38	-12.47	265.02	-32.42
17522	15.15	-3.96	-4.10	-137.07	-96.03	-817.13	-4.96	200.33	-52.62
17523	13.94	-3.96	-4.10	-105.75	-98.70	-752.55	3.03	144.45	-69.25

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
17524	12.73	-3.96	-4.10	-82.50	-94.02	-693.94	9.32	101.74	-85.25
17525	11.51	-3.96	-4.10	-60.11	-84.83	-647.10	12.88	72.84	-100.77
17526	10.30	-3.96	-4.10	-34.24	-73.64	-616.84	13.99	54.16	-115.11
17527	9.09	-3.96	-4.10	-4.08	-62.15	-604.87	13.34	40.81	-127.80
17528	7.88	-3.96	-4.10	29.01	-51.32	-610.19	11.55	28.50	-138.67
17529	6.67	-3.95	-4.10	62.79	-41.66	-630.23	8.99	14.19	-147.81
17530	5.45	-3.95	-4.10	94.91	-33.42	-661.81	5.85	-4.04	-155.36
17531	4.24	-3.95	-4.10	123.25	-26.76	-701.63	2.20	-27.17	-161.43
17532	3.03	-3.95	-4.10	146.00	-21.76	-746.70	-1.94	-55.50	-166.12
17533	1.82	-3.95	-4.10	161.70	-18.49	-794.41	-6.54	-88.83	-169.45
17534	0.61	-3.95	-4.10	169.22	-17.01	-842.72	-11.53	-126.59	-171.45
17535	18.53	-5.08	-4.10	-283.27	13.46	-947.27	-55.18	462.25	-29.00
17536	17.33	-5.08	-4.10	-244.01	-53.17	-937.65	-35.97	329.06	-23.90
17537	16.14	-5.08	-4.10	-192.69	-88.63	-860.46	-18.68	254.64	-40.39
17538	14.94	-5.08	-4.10	-145.68	-102.99	-792.21	-5.56	194.35	-60.42
17539	13.75	-5.07	-4.10	-114.49	-104.62	-731.40	5.15	139.56	-80.18
17540	12.55	-5.07	-4.10	-91.44	-98.56	-675.47	12.03	98.07	-100.11
17541	11.36	-5.07	-4.10	-68.46	-88.98	-630.82	15.21	70.37	-119.03
17542	10.16	-5.07	-4.10	-41.69	-78.33	-602.31	15.74	52.44	-135.94
17543	8.97	-5.07	-4.10	-10.86	-67.89	-591.52	14.57	39.34	-150.52
17544	7.77	-5.06	-4.10	22.42	-58.29	-597.38	12.31	26.96	-162.82
17545	6.58	-5.06	-4.10	55.90	-49.83	-617.36	9.27	12.47	-173.09
17546	5.38	-5.06	-4.10	87.35	-42.68	-648.41	5.56	-5.83	-181.55
17547	4.18	-5.06	-4.10	114.81	-36.92	-687.43	1.21	-28.80	-188.38
17548	2.99	-5.06	-4.10	136.64	-32.66	-731.58	-3.75	-56.68	-193.66
17549	1.79	-5.05	-4.10	151.52	-29.96	-778.47	-9.30	-89.25	-197.45
17550	0.60	-5.05	-4.10	158.42	-28.90	-826.17	-15.35	-125.95	-199.74
17551	18.21	-6.18	-4.10	-290.36	1.45	-903.30	-82.96	441.24	-60.13
17552	17.04	-6.18	-4.10	-251.33	-63.87	-897.41	-52.34	321.18	-40.46
17553	15.86	-6.18	-4.10	-200.22	-98.96	-831.15	-23.66	248.33	-46.71
17554	14.69	-6.18	-4.10	-156.03	-111.38	-768.72	-3.89	186.99	-66.58
17555	13.51	-6.17	-4.10	-126.87	-110.67	-710.17	8.19	133.45	-90.85
17556	12.34	-6.17	-4.10	-103.50	-103.59	-656.18	14.19	94.45	-115.16
17557	11.16	-6.17	-4.10	-78.89	-94.34	-613.86	16.27	68.78	-137.10
17558	9.99	-6.17	-4.10	-50.47	-84.81	-587.59	16.05	51.83	-155.96
17559	8.81	-6.17	-4.10	-18.66	-75.79	-578.46	14.46	38.85	-171.84
17560	7.64	-6.16	-4.10	14.79	-67.61	-585.17	11.91	26.13	-185.12
17561	6.46	-6.16	-4.10	47.77	-60.46	-605.25	8.55	11.20	-196.19
17562	5.29	-6.16	-4.10	78.28	-54.44	-635.80	4.43	-7.37	-205.34
17563	4.11	-6.16	-4.10	104.58	-49.65	-673.94	-0.46	-30.31	-212.76
17564	2.94	-6.16	-4.10	125.23	-46.18	-717.07	-6.11	-57.78	-218.55
17565	1.76	-6.15	-4.10	139.07	-44.09	-763.00	-12.46	-89.57	-222.73
17566	0.59	-6.15	-4.10	145.19	-43.48	-809.99	-19.44	-125.13	-225.30
17567	17.83	-7.26	-4.10	-294.05	-31.81	-845.80	-87.59	431.46	-70.29
17568	16.68	-7.26	-4.10	-252.41	-83.18	-855.34	-55.67	320.74	-44.82
17569	15.53	-7.26	-4.10	-207.85	-110.49	-806.74	-21.79	240.58	-49.17
17570	14.38	-7.26	-4.10	-171.01	-118.56	-747.57	-0.14	176.50	-73.37
17571	13.23	-7.26	-4.10	-143.46	-116.05	-688.52	10.49	126.44	-103.08
17572	12.08	-7.26	-4.10	-118.00	-109.29	-635.99	14.67	91.63	-130.93
17573	10.93	-7.26	-4.10	-90.49	-101.39	-596.50	15.63	68.54	-154.79
17574	9.78	-7.26	-4.10	-59.89	-93.51	-573.15	14.92	52.50	-174.70
17575	8.63	-7.26	-4.10	-27.07	-86.10	-566.21	13.14	39.32	-191.25
17576	7.48	-7.26	-4.10	6.33	-79.41	-574.12	10.49	25.91	-205.08
17577	6.33	-7.26	-4.10	38.49	-73.56	-594.45	6.97	10.27	-216.67
17578	5.18	-7.25	-4.10	67.71	-68.67	-624.52	2.55	-8.78	-226.33
17579	4.03	-7.25	-4.10	92.54	-64.84	-661.74	-2.78	-31.79	-234.22
17580	2.88	-7.25	-4.10	111.74	-62.16	-703.76	-9.00	-58.89	-240.42
17581	1.73	-7.25	-4.10	124.32	-60.71	-748.64	-16.05	-89.84	-244.96
17582	0.58	-7.25	-4.10	129.50	-60.56	-794.84	-23.81	-124.18	-247.80
17583	18.78	-3.96	-5.50	246.38	80.29	-779.12	-9.39	470.17	-35.68
17584	17.57	-3.96	-5.50	247.74	26.07	-822.15	-2.14	348.41	-38.22
17585	16.36	-3.96	-5.50	237.31	-10.02	-792.38	9.13	251.46	-46.27
17586	15.15	-3.96	-5.50	231.79	-30.09	-738.14	18.72	180.51	-58.46
17587	13.94	-3.96	-5.50	231.36	-38.56	-683.46	25.64	125.24	-71.64
17588	12.73	-3.96	-5.50	233.54	-38.98	-635.41	30.07	81.73	-84.66
17589	11.51	-3.96	-5.50	238.75	-34.03	-597.60	32.05	49.18	-97.13
17590	10.30	-3.96	-5.50	247.99	-25.93	-572.92	31.92	25.74	-108.59
17591	9.09	-3.96	-5.50	261.31	-16.31	-562.68	30.20	8.54	-118.72
17592	7.88	-3.96	-5.50	277.69	-6.28	-566.50	27.36	-5.48	-127.39
17593	6.67	-3.95	-5.50	295.43	3.42	-582.76	23.74	-18.93	-134.64
17594	5.45	-3.95	-5.50	312.64	12.35	-609.17	19.54	-33.71	-140.55
17595	4.24	-3.95	-5.50	327.46	20.19	-643.23	14.90	-51.08	-145.20
17596	3.03	-3.95	-5.50	338.27	26.75	-682.53	9.88	-71.68	-148.68
17597	1.82	-3.95	-5.50	343.70	31.86	-724.97	4.57	-95.67	-151.02
17598	0.61	-3.95	-5.50	342.69	35.43	-768.88	-0.99	-122.84	-152.23
17599	18.53	-5.08	-5.50	231.98	69.48	-756.22	-6.97	449.31	-46.47
17600	17.33	-5.08	-5.50	229.71	19.67	-797.45	0.07	333.36	-49.29
17601	16.14	-5.08	-5.50	218.90	-15.28	-768.58	12.75	241.24	-56.05
17602	14.94	-5.08	-5.50	214.54	-34.76	-716.87	24.30	173.42	-68.36
17603	13.75	-5.07	-5.50	215.20	-42.50	-665.07	32.51	120.00	-83.22
17604	12.55	-5.07	-5.50	218.22	-42.45	-619.48	37.31	77.92	-98.60
17605	11.36	-5.07	-5.50	224.41	-37.58	-583.65	39.02	46.64	-113.36
17606	10.16	-5.07	-5.50	234.71	-30.09	-560.53	38.32	24.17	-126.71
17607	8.97	-5.07	-5.50	248.93	-21.42	-551.39	35.91	7.54	-138.31
17608	7.77	-5.06	-5.50	265.89	-12.51	-555.80	32.33	-6.22	-148.12
17609	6.58	-5.06	-5.50	283.87	-3.91	-572.18	27.90	-19.57	-156.24
17610	5.38	-5.06	-5.50	301.00	3.98	-598.34	22.84	-34.28	-162.83
17611	4.18	-5.06	-5.50	315.57	10.92	-631.89	17.24	-51.46	-168.01
17612	2.99	-5.06	-5.50	326.06	16.73	-670.59	11.19	-71.70	-171.88
17613	1.79	-5.05	-5.50	331.23	21.25	-712.48	4.76	-95.12	-174.48
17614	0.60	-5.05	-5.50	330.08	24.38	-756.01	-1.97	-121.52	-175.86
17615	18.21	-6.18	-5.50	209.10	52.05	-728.56	-1.75	426.84	-60.45
17616	17.04	-6.18	-5.50	205.04	9.19	-766.28	3.46	319.78	-61.95
17617	15.86	-6.18	-5.50	196.24	-22.12	-741.71	17.07	232.52	-66.17
17618	14.69	-6.18	-5.50	193.42	-39.65	-694.92	30.16	166.37	-78.07
17619	13.51	-6.17	-5.50	194.94	-46.38	-646.43	39.04	114.31	-94.55
17620	12.34	-6.17	-5.50	199.09	-46.12	-603.26	43.56	74.05	-112.20
17621	11.16	-6.17	-5.50	206.84	-41.77	-569.59	44.58	44.53	-128.95
17622	9.99	-6.17	-5.50	218.72	-35.31	-548.38	43.16	23.28	-143.79

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
17623	8.81	-6.17	-5.50	234.18	-27.92	-540.67	40.10	7.27	-156.46
17624	7.64	-6.16	-5.50	251.85	-20.34	-545.93	35.89	-6.31	-167.07
17625	6.46	-6.16	-5.50	270.04	-13.02	-562.57	30.84	-19.69	-175.82
17626	5.29	-6.16	-5.50	287.03	-6.27	-588.51	25.08	-34.44	-182.92
17627	4.11	-6.16	-5.50	301.23	-0.32	-621.52	18.70	-51.53	-188.53
17628	2.94	-6.16	-5.50	311.29	4.65	-659.56	11.79	-71.44	-192.73
17629	1.76	-6.15	-5.50	316.09	8.52	-700.82	4.42	-94.29	-195.59
17630	0.59	-6.15	-5.50	314.76	11.17	-743.91	-3.31	-119.88	-197.12
17631	17.83	-7.26	-5.50	177.06	34.80	-698.34	6.52	404.27	-72.25
17632	16.68	-7.26	-5.50	174.12	-1.44	-733.50	10.13	306.88	-72.01
17633	15.53	-7.26	-5.50	169.24	-28.10	-715.07	23.16	223.66	-75.33
17634	14.38	-7.26	-5.50	168.14	-43.51	-673.61	36.17	158.31	-87.88
17635	13.23	-7.26	-5.50	170.66	-49.66	-627.94	44.53	107.90	-106.20
17636	12.08	-7.26	-5.50	176.63	-49.84	-587.03	48.10	70.24	-125.73
17637	10.93	-7.26	-5.50	186.68	-46.66	-555.81	48.24	42.98	-143.81
17638	9.78	-7.26	-5.50	200.62	-41.68	-536.93	46.18	23.12	-159.53
17639	8.63	-7.26	-5.50	217.50	-35.84	-531.05	42.64	7.69	-172.81
17640	7.48	-7.26	-5.50	235.88	-29.75	-537.42	38.01	-5.86	-183.89
17641	6.33	-7.26	-5.50	254.18	-23.79	-554.46	32.50	-19.42	-193.05
17642	5.18	-7.25	-5.50	270.86	-18.25	-580.23	26.22	-34.32	-200.53
17643	4.03	-7.25	-5.50	284.53	-13.34	-612.70	19.23	-51.38	-206.47
17644	2.88	-7.25	-5.50	294.01	-9.24	-650.02	11.63	-71.00	-210.96
17645	1.73	-7.25	-5.50	298.34	-6.06	-690.60	3.50	-93.26	-214.05
17646	0.58	-7.25	-5.50	296.78	-3.92	-733.21	-5.05	-117.97	-215.77
17647	18.78	-3.96	-6.90	671.27	128.24	-649.25	32.00	461.87	-34.61
17648	17.57	-3.96	-6.90	649.01	81.14	-691.11	36.86	362.66	-46.46
17649	16.36	-3.96	-6.90	619.59	48.59	-683.41	43.33	267.65	-55.16
17650	15.15	-3.96	-6.90	591.83	28.78	-649.75	49.36	187.94	-64.06
17651	13.94	-3.96	-6.90	570.36	19.39	-609.32	53.50	124.41	-73.63
17652	12.73	-3.96	-6.90	555.34	17.78	-572.53	55.38	74.71	-83.33
17653	11.51	-3.96	-6.90	545.84	21.61	-544.17	55.17	36.79	-92.66
17654	10.30	-3.96	-6.90	541.18	28.98	-526.57	53.21	8.68	-101.25
17655	9.09	-3.96	-6.90	540.58	38.41	-520.62	49.90	-11.95	-108.85
17656	7.88	-3.96	-6.90	542.97	48.82	-526.07	45.61	-27.60	-115.38
17657	6.67	-3.95	-6.90	546.96	59.42	-541.77	40.64	-40.56	-120.80
17658	5.45	-3.95	-6.90	551.04	69.69	-566.04	35.19	-52.74	-125.16
17659	4.24	-3.95	-6.90	553.71	79.25	-596.99	29.41	-65.53	-128.52
17660	3.03	-3.95	-6.90	553.64	87.83	-632.77	23.40	-79.84	-130.94
17661	1.82	-3.95	-6.90	549.64	95.24	-671.73	17.24	-96.14	-132.45
17662	0.61	-3.95	-6.90	540.80	101.34	-712.56	11.00	-114.55	-133.08
17663	18.53	-5.08	-6.90	648.30	109.74	-628.00	48.84	442.68	-42.96
17664	17.33	-5.08	-6.90	622.82	70.06	-667.57	52.40	347.94	-56.23
17665	16.14	-5.08	-6.90	593.30	42.14	-661.50	57.72	256.82	-65.65
17666	14.94	-5.08	-6.90	566.84	24.85	-630.81	63.19	180.04	-75.21
17667	13.75	-5.07	-6.90	547.00	16.69	-593.34	67.00	118.73	-85.81
17668	12.55	-5.07	-6.90	533.59	15.46	-559.05	68.43	70.80	-96.84
17669	11.36	-5.07	-6.90	525.61	19.04	-532.65	67.54	34.35	-107.53
17670	10.16	-5.07	-6.90	522.35	25.70	-516.51	64.72	7.37	-117.31
17671	8.97	-5.07	-6.90	522.99	34.15	-511.56	60.43	-12.48	-125.88
17672	7.77	-5.06	-6.90	526.36	43.45	-517.56	55.09	-27.65	-133.15
17673	6.58	-5.06	-6.90	531.05	52.94	-533.42	49.02	-40.36	-139.14
17674	5.38	-5.06	-6.90	535.60	62.17	-557.55	42.43	-52.37	-143.92
17675	4.18	-5.06	-6.90	538.58	70.79	-588.16	35.45	-64.98	-147.60
17676	2.99	-5.06	-6.90	538.72	78.57	-623.52	28.20	-79.02	-150.22
17677	1.79	-5.05	-6.90	534.95	85.35	-662.09	20.76	-94.94	-151.86
17678	0.60	-5.05	-6.90	526.43	90.97	-702.67	13.23	-112.83	-152.55
17679	18.21	-6.18	-6.90	612.98	91.46	-604.94	69.60	421.55	-53.02
17680	17.04	-6.18	-6.90	586.03	59.63	-641.70	69.60	331.48	-67.01
17681	15.86	-6.18	-6.90	558.60	36.54	-637.56	72.35	244.97	-76.64
17682	14.69	-6.18	-6.90	535.18	21.83	-610.74	76.38	171.52	-86.47
17683	13.51	-6.17	-6.90	518.06	14.71	-576.93	79.27	112.63	-97.81
17684	12.34	-6.17	-6.90	506.97	13.52	-545.53	79.83	66.79	-109.92
17685	11.16	-6.17	-6.90	501.10	16.46	-521.41	78.02	32.15	-121.69
17686	9.99	-6.17	-6.90	499.76	22.06	-507.04	74.28	6.57	-132.37
17687	8.81	-6.17	-6.90	501.98	29.22	-503.35	69.09	-12.38	-141.62
17688	7.64	-6.16	-6.90	506.55	37.17	-510.09	62.87	-27.08	-149.40
17689	6.46	-6.16	-6.90	512.07	45.35	-526.23	55.90	-39.57	-155.78
17690	5.29	-6.16	-6.90	517.13	53.37	-550.25	48.37	-51.48	-160.88
17691	4.11	-6.16	-6.90	520.43	60.93	-580.50	40.41	-63.97	-164.79
17692	2.94	-6.16	-6.90	520.79	67.82	-615.38	32.13	-77.80	-167.61
17693	1.76	-6.15	-6.90	517.27	73.87	-653.52	23.62	-93.35	-169.39
17694	0.59	-6.15	-6.90	509.11	78.96	-693.81	15.00	-110.73	-170.17
17695	17.83	-7.26	-6.90	563.73	76.65	-580.36	91.11	398.45	-64.57
17696	16.68	-7.26	-6.90	539.12	51.97	-614.57	86.23	313.32	-78.40
17697	15.53	-7.26	-6.90	516.44	33.08	-612.94	85.83	231.93	-87.98
17698	14.38	-7.26	-6.90	497.74	20.36	-590.48	87.92	162.08	-97.96
17699	13.23	-7.26	-6.90	484.28	13.77	-560.63	89.45	105.92	-109.88
17700	12.08	-7.26	-6.90	476.21	12.12	-532.40	88.85	62.65	-122.76
17701	10.93	-7.26	-6.90	473.06	13.94	-510.87	86.07	30.23	-135.17
17702	9.78	-7.26	-6.90	474.04	18.09	-498.60	81.51	6.27	-146.32
17703	8.63	-7.26	-6.90	478.10	23.69	-496.46	75.62	-11.71	-155.90
17704	7.48	-7.26	-6.90	483.98	30.09	-504.16	68.73	-25.95	-163.93
17705	6.33	-7.26	-6.90	490.34	36.82	-520.68	61.09	-38.30	-170.53
17706	5.18	-7.25	-6.90	495.89	43.53	-544.63	52.86	-50.17	-175.83
17707	4.03	-7.25	-6.90	499.46	49.95	-574.53	44.15	-62.61	-179.94
17708	2.88	-7.25	-6.90	500.02	55.87	-608.92	35.07	-76.25	-182.93
17709	1.73	-7.25	-6.90	496.74	61.14	-646.59	25.73	-91.46	-184.86
17710	0.58	-7.25	-6.90	488.95	65.65	-686.58	16.25	-108.31	-185.77
17711	18.78	-3.96	-8.30	1040.13	157.91	-542.24	74.83	470.21	-29.48
17712	17.57	-3.96	-8.30	1001.53	119.29	-571.01	81.01	377.97	-45.62
17713	16.36	-3.96	-8.30	964.18	94.18	-569.66	84.81	284.21	-56.58
17714	15.15	-3.96	-8.30	930.03	79.87	-550.96	86.84	199.75	-65.07
17715	13.94	-3.96	-8.30	900.77	74.19	-526.16	87.11	129.27	-72.58
17716	12.73	-3.96	-8.30	876.89	75.12	-503.15	85.60	73.25	-79.63
17717	11.51	-3.96	-8.30	857.90	80.85	-486.42	82.47	30.30	-86.21
17718	10.30	-3.96	-8.30	843.04	89.83	-478.10	78.00	-1.57	-92.20
17719	9.09	-3.96	-8.30	831.48	100.85	-478.92	72.52	-24.63	-97.49
17720	7.88	-3.96	-8.30	822.32	112.94	-488.66	66.32	-41.20	-102.01
17721	6.67	-3.95	-8.30	814.55	125.41	-506.47	59.64	-53.49	-105.74

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
17722	5.45	-3.95	-8.30	807.10	137.76	-531.11	52.68	-63.37	-108.69
17723	4.24	-3.95	-8.30	798.90	149.61	-561.18	45.55	-72.36	-110.89
17724	3.03	-3.95	-8.30	788.93	160.70	-595.31	38.36	-81.52	-112.40
17725	1.82	-3.95	-8.30	776.31	170.84	-632.27	31.17	-91.57	-113.23
17726	0.61	-3.95	-8.30	760.32	179.87	-671.09	24.07	-102.87	-113.43
17727	18.53	-5.08	-8.30	1009.39	137.98	-522.96	105.68	451.24	-35.61
17728	17.33	-5.08	-8.30	967.74	107.54	-550.51	108.94	361.68	-54.26
17729	16.14	-5.08	-8.30	930.46	87.80	-550.65	110.07	271.58	-66.80
17730	14.94	-5.08	-8.30	897.85	76.59	-534.69	109.99	190.55	-76.35
17731	13.75	-5.07	-8.30	870.63	72.38	-512.73	108.60	122.92	-84.72
17732	12.55	-5.07	-8.30	848.82	73.70	-492.13	105.65	69.17	-92.56
17733	11.36	-5.07	-8.30	831.80	79.10	-477.25	101.13	28.00	-99.88
17734	10.16	-5.07	-8.30	818.75	87.29	-470.26	95.27	-2.54	-106.50
17735	8.97	-5.07	-8.30	808.82	97.25	-471.93	88.38	-24.68	-112.28
17736	7.77	-5.06	-8.30	801.06	108.18	-482.11	80.75	-40.66	-117.16
17737	6.58	-5.06	-8.30	794.48	119.49	-500.04	72.63	-52.60	-121.15
17738	5.38	-5.06	-8.30	788.00	130.74	-524.55	64.21	-62.29	-124.27
17739	4.18	-5.06	-8.30	780.62	141.60	-554.34	55.62	-71.13	-126.59
17740	2.99	-5.06	-8.30	771.37	151.84	-588.13	46.97	-80.14	-128.15
17741	1.79	-5.05	-8.30	759.44	161.26	-624.77	38.33	-89.97	-129.00
17742	0.60	-5.05	-8.30	744.15	169.75	-663.38	29.78	-101.00	-129.19
17743	18.21	-6.18	-8.30	961.73	120.39	-501.68	140.37	428.84	-42.81
17744	17.04	-6.18	-8.30	920.71	98.31	-528.10	137.80	342.53	-63.46
17745	15.86	-6.18	-8.30	886.25	83.55	-530.19	134.67	256.85	-77.25
17746	14.69	-6.18	-8.30	857.21	75.01	-517.53	131.56	180.03	-87.63
17747	13.51	-6.17	-8.30	833.45	71.87	-498.97	127.99	115.86	-96.64
17748	12.34	-6.17	-8.30	814.71	73.18	-481.26	123.31	64.86	-105.08
17749	11.16	-6.17	-8.30	800.39	77.86	-468.60	117.32	25.85	-112.93
17750	9.99	-6.17	-8.30	789.71	84.91	-463.21	110.12	-3.08	-119.97
17751	8.81	-6.17	-8.30	781.82	93.53	-465.95	101.97	-24.12	-126.06
17752	7.64	-6.16	-8.30	775.78	103.06	-476.73	93.12	-39.46	-131.15
17753	6.46	-6.16	-8.30	770.60	112.99	-494.85	83.81	-51.07	-135.27
17754	5.29	-6.16	-8.30	765.26	122.96	-519.25	74.20	-60.60	-138.50
17755	4.11	-6.16	-8.30	758.81	132.68	-548.73	64.40	-69.35	-140.89
17756	2.94	-6.16	-8.30	750.39	141.93	-582.13	54.54	-78.26	-142.52
17757	1.76	-6.15	-8.30	739.26	150.54	-618.41	44.68	-87.94	-143.42
17758	0.59	-6.15	-8.30	724.81	158.39	-656.78	34.94	-98.73	-143.66
17759	17.83	-7.26	-8.30	896.73	108.85	-479.15	173.67	402.64	-51.60
17760	16.68	-7.26	-8.30	861.32	93.28	-504.68	164.14	320.44	-73.60
17761	15.53	-7.26	-8.30	832.85	82.27	-509.09	156.27	240.13	-88.28
17762	14.38	-7.26	-8.30	809.44	75.48	-500.14	149.99	168.20	-99.13
17763	13.23	-7.26	-8.30	790.41	72.79	-485.39	144.18	108.03	-108.57
17764	12.08	-7.26	-8.30	775.60	73.61	-470.92	137.78	60.31	-117.38
17765	10.93	-7.26	-8.30	764.60	77.15	-460.82	130.41	23.87	-125.48
17766	9.78	-7.26	-8.30	756.73	82.75	-457.34	122.07	-3.18	-132.66
17767	8.63	-7.26	-8.30	751.17	89.76	-461.38	112.92	-23.01	-138.80
17768	7.48	-7.26	-8.30	747.04	97.67	-472.91	103.14	-37.67	-143.91
17769	6.33	-7.26	-8.30	743.36	106.07	-491.31	92.93	-48.96	-148.06
17770	5.18	-7.25	-8.30	739.23	114.63	-515.63	82.42	-58.39	-151.32
17771	4.03	-7.25	-8.30	733.78	123.10	-544.81	71.71	-67.12	-153.77
17772	2.88	-7.25	-8.30	726.24	131.27	-577.80	60.91	-75.98	-155.47
17773	1.73	-7.25	-8.30	715.97	138.99	-613.70	50.12	-85.54	-156.47
17774	0.58	-7.25	-8.30	702.45	146.15	-651.81	39.43	-96.13	-156.83
17775	23.24	-3.96	-2.70	-192.46	944.87	909.99	201.19	893.49	1156.54
17776	22.38	-3.96	-2.70	-544.43	542.39	359.87	281.82	611.47	278.42
17777	21.53	-3.96	-2.70	-780.91	351.75	56.64	328.35	527.78	60.78
17778	20.67	-3.96	-2.70	-986.66	188.81	-147.09	281.82	516.15	-77.48
17779	19.82	-3.96	-2.70	-1347.61	-60.22	-752.78	122.03	825.57	-53.33
17780	23.02	-5.07	-2.70	-203.68	173.59	189.02	-1.38	100.31	289.19
17781	22.15	-5.07	-2.70	-535.93	280.63	64.12	54.57	220.26	98.99
17782	21.29	-5.08	-2.70	-811.86	318.44	8.92	43.89	203.52	16.78
17783	20.42	-5.08	-2.70	-1019.97	260.34	-11.13	-11.15	223.87	-4.75
17784	19.56	-5.08	-2.70	-1540.77	20.09	-695.08	-45.49	728.94	-55.02
17785	22.75	-6.17	-2.70	-206.78	35.86	192.25	97.66	34.51	-93.96
17786	21.87	-6.18	-2.70	-593.21	289.89	82.45	10.33	232.47	-78.48
17787	20.99	-6.18	-2.70	-857.69	354.77	23.45	-136.14	190.54	8.13
17788	20.12	-6.18	-2.70	-1036.61	265.32	-13.47	-188.01	219.66	-17.70
17789	19.24	-6.18	-2.70	-1500.48	32.71	-663.27	-146.71	690.18	-112.72
17790	22.42	-7.26	-2.70	-347.99	532.46	791.68	88.74	681.44	-980.70
17791	21.53	-7.26	-2.70	-686.77	530.95	324.27	-242.50	536.40	-148.13
17792	20.64	-7.26	-2.70	-869.37	410.04	82.79	-432.55	418.09	-29.58
17793	19.75	-7.26	-2.70	-1004.23	206.13	-100.65	-446.44	436.87	11.45
17794	18.86	-7.26	-2.70	-1262.97	-15.23	-631.62	-297.45	703.75	-92.33
17795	23.24	-3.96	-4.10	-20.95	517.17	913.56	143.21	1021.96	1074.96
17796	22.38	-3.96	-4.10	-166.72	414.13	421.14	108.98	777.15	213.49
17797	21.53	-3.96	-4.10	-314.40	344.06	80.81	78.17	665.49	51.01
17798	20.67	-3.96	-4.10	-432.34	226.48	-276.60	26.74	686.16	-30.22
17799	19.82	-3.96	-4.10	-351.83	106.54	-696.77	-33.41	674.57	-37.78
17800	23.02	-5.07	-4.10	-22.20	624.14	633.37	160.55	397.34	524.01
17801	22.15	-5.07	-4.10	-178.49	486.37	287.20	116.73	592.79	175.08
17802	21.29	-5.08	-4.10	-333.31	357.12	71.65	61.87	558.07	36.74
17803	20.42	-5.08	-4.10	-465.61	212.84	-240.21	16.75	614.80	-30.33
17804	19.56	-5.08	-4.10	-364.00	104.63	-674.43	-40.50	634.85	-59.63
17805	22.75	-6.17	-4.10	-38.05	577.71	614.30	67.11	317.80	-95.57
17806	21.87	-6.18	-4.10	-207.41	468.07	298.08	5.88	597.59	-54.57
17807	20.99	-6.18	-4.10	-339.60	344.53	87.69	-46.33	532.93	28.90
17808	20.12	-6.18	-4.10	-460.44	195.02	-225.71	-60.52	583.26	-23.17
17809	19.24	-6.18	-4.10	-364.40	82.67	-647.35	-77.13	601.28	-75.57
17810	22.42	-7.26	-4.10	-103.19	395.53	858.61	57.46	854.74	-738.89
17811	21.53	-7.26	-4.10	-198.67	380.75	438.41	-51.78	738.32	20.53
17812	20.64	-7.26	-4.10	-318.68	285.74	108.15	-82.53	565.08	45.76
17813	19.75	-7.26	-4.10	-419.74	156.80	-244.28	-67.82	580.10	-20.39
17814	18.86	-7.26	-4.10	-359.28	41.56	-628.25	-70.74	568.64	-83.47
17815	23.24	-3.96	-5.50	180.03	585.67	850.97	206.75	989.03	964.21
17816	22.38	-3.96	-5.50	142.62	447.49	470.02	116.50	792.73	173.85
17817	21.53	-3.96	-5.50	128.06	383.12	103.14	61.57	695.49	68.76
17818	20.67	-3.96	-5.50	158.71	275.94	-267.52	20.87	653.67	8.33
17819	19.82	-3.96	-5.50	206.12	163.68	-592.52	-0.82	587.87	-26.39
17820	23.02	-5.07	-5.50	48.20	564.50	712.43	146.02	476.84	466.63

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
17821	22.15	-5.07	-5.50	101.23	501.81	425.63	118.29	713.12	170.16
17822	21.29	-5.08	-5.50	118.86	376.14	97.26	50.46	661.94	61.63
17823	20.42	-5.08	-5.50	158.35	252.49	-258.48	15.20	621.50	8.35
17824	19.56	-5.08	-5.50	197.50	144.01	-576.10	-1.20	559.81	-34.45
17825	22.75	-6.17	-5.50	43.75	526.18	710.06	98.03	430.98	76.87
17826	21.87	-6.18	-5.50	101.11	486.52	438.69	46.39	729.02	51.86
17827	20.99	-6.18	-5.50	139.03	339.05	105.15	22.11	639.26	81.46
17828	20.12	-6.18	-5.50	164.27	211.78	-252.29	14.32	592.17	7.30
17829	19.24	-6.18	-5.50	185.97	116.10	-560.09	5.61	531.69	-45.42
17830	22.42	-7.26	-5.50	132.05	466.14	835.26	14.27	891.59	-494.23
17831	21.53	-7.26	-5.50	184.70	395.15	490.27	-5.29	788.94	171.20
17832	20.64	-7.26	-5.50	179.55	263.54	106.24	19.40	614.87	106.91
17833	19.75	-7.26	-5.50	166.45	165.03	-255.10	27.02	566.16	5.37
17834	18.86	-7.26	-5.50	165.88	89.35	-544.54	16.16	503.36	-57.21
17835	23.24	-3.96	-6.90	415.60	630.20	809.23	339.24	906.09	861.87
17836	22.38	-3.96	-6.90	477.31	465.45	517.42	174.14	693.11	173.33
17837	21.53	-3.96	-6.90	593.39	421.12	123.15	71.67	612.01	98.85
17838	20.67	-3.96	-6.90	659.85	308.84	-250.58	35.40	601.41	34.67
17839	19.82	-3.96	-6.90	678.10	202.82	-511.71	30.05	552.35	-11.18
17840	23.02	-5.07	-6.90	127.36	573.88	610.06	184.01	465.23	440.16
17841	22.15	-5.07	-6.90	384.05	551.28	496.08	167.11	645.51	197.35
17842	21.29	-5.08	-6.90	593.27	415.42	122.68	63.01	594.51	107.36
17843	20.42	-5.08	-6.90	663.90	277.81	-245.60	43.83	579.97	41.68
17844	19.56	-5.08	-6.90	665.88	174.47	-497.48	46.87	530.57	-15.70
17845	22.75	-6.17	-6.90	118.91	547.04	614.98	100.24	437.63	151.64
17846	21.87	-6.18	-6.90	411.02	550.73	509.38	54.39	663.09	131.68
17847	20.99	-6.18	-6.90	633.49	367.88	119.14	46.57	581.20	137.03
17848	20.12	-6.18	-6.90	665.92	227.32	-244.44	65.04	559.77	43.49
17849	19.24	-6.18	-6.90	640.81	142.77	-483.42	71.81	508.05	-22.73
17850	22.42	-7.26	-6.90	384.37	547.61	807.80	-83.95	843.03	-317.64
17851	21.53	-7.26	-6.90	597.63	455.07	530.04	-1.84	702.14	261.29
17852	20.64	-7.26	-6.90	680.37	271.36	96.22	80.60	563.40	162.18
17853	19.75	-7.26	-6.90	645.11	173.61	-248.95	108.14	541.80	43.05
17854	18.86	-7.26	-6.90	595.77	114.40	-469.44	102.82	483.72	-31.82
17855	23.24	-3.96	-8.30	685.78	640.33	833.26	494.08	698.74	662.33
17856	22.38	-3.96	-8.30	1045.71	544.04	549.94	205.37	423.36	230.05
17857	21.53	-3.96	-8.30	1134.99	466.27	44.20	67.93	511.44	131.43
17858	20.67	-3.96	-8.30	1124.11	331.81	-270.32	51.57	579.09	51.19
17859	19.82	-3.96	-8.30	1082.04	224.55	-452.80	64.41	549.69	-0.63
17860	23.02	-5.07	-8.30	283.96	603.68	510.57	274.94	337.89	355.12
17861	22.15	-5.07	-8.30	936.57	658.23	544.85	179.40	369.42	265.53
17862	21.29	-5.08	-8.30	1139.75	456.55	44.38	61.94	503.86	147.22
17863	20.42	-5.08	-8.30	1124.72	293.63	-263.64	73.27	566.91	60.85
17864	19.56	-5.08	-8.30	1061.97	192.72	-438.48	96.51	531.65	-1.80
17865	22.75	-6.17	-8.30	331.92	618.91	506.06	144.80	301.71	147.67
17866	21.87	-6.18	-8.30	999.96	663.82	554.08	37.84	393.49	224.15
17867	20.99	-6.18	-8.30	1182.73	394.86	37.33	62.53	510.38	171.03
17868	20.12	-6.18	-8.30	1111.90	236.46	-259.61	117.82	556.48	66.58
17869	19.24	-6.18	-8.30	1021.51	160.13	-422.85	139.28	511.24	-4.58
17870	22.42	-7.26	-8.30	840.33	695.99	810.61	-129.06	619.91	-137.72
17871	21.53	-7.26	-8.30	1242.84	537.22	541.52	-1.36	475.46	310.82
17872	20.64	-7.26	-8.30	1204.94	280.83	11.42	137.08	522.65	190.74
17873	19.75	-7.26	-8.30	1059.26	183.45	-257.29	185.87	545.98	70.02
17874	18.86	-7.26	-8.30	954.41	135.66	-406.23	185.65	486.62	-9.25
17875	-0.61	-3.95	-2.70	29.02	-57.59	-988.49	-25.28	-179.25	-192.32
17876	-1.82	-3.95	-2.70	23.59	-61.85	-1036.46	-30.67	-236.99	-192.14
17877	-3.03	-3.95	-2.70	6.53	-68.31	-1080.52	-36.28	-296.14	-190.32
17878	-4.24	-3.95	-2.70	-22.17	-77.12	-1121.14	-41.95	-354.99	-186.87
17879	-5.45	-3.95	-2.70	-62.24	-88.42	-1159.68	-47.48	-411.85	-181.84
17880	-6.66	-3.96	-2.70	-113.19	-102.45	-1198.34	-52.70	-465.22	-175.35
17881	-7.88	-3.96	-2.71	-174.42	-119.45	-1240.13	-57.49	-513.88	-167.61
17882	-9.09	-3.96	-2.71	-245.37	-139.78	-1288.86	-61.74	-557.07	-158.86
17883	-10.30	-3.96	-2.71	-325.82	-163.95	-1349.03	-65.49	-594.61	-149.42
17884	-11.51	-3.96	-2.71	-416.30	-192.68	-1425.95	-68.87	-627.01	-139.68
17885	-12.72	-3.96	-2.71	-518.69	-227.12	-1525.98	-72.16	-655.65	-130.08
17886	-13.93	-3.96	-2.71	-637.26	-269.11	-1657.33	-75.89	-682.90	-121.09
17887	-15.15	-3.96	-2.71	-780.59	-321.99	-1833.25	-80.88	-712.41	-113.21
17888	-16.36	-3.96	-2.71	-965.21	-391.28	-2073.14	-88.53	-749.78	-107.08
17889	-17.57	-3.97	-2.71	-1222.59	-496.19	-2476.44	-99.69	-799.00	-102.46
17890	-18.78	-3.97	-2.71	-1659.80	-618.94	-2793.40	-130.14	-1089.77	-151.57
17891	-0.60	-5.05	-2.70	19.43	-70.44	-967.11	-32.52	-177.93	-226.05
17892	-1.79	-5.05	-2.70	13.72	-74.84	-1014.96	-39.10	-233.74	-226.02
17893	-2.99	-5.06	-2.71	-3.18	-81.31	-1059.47	-46.00	-290.84	-224.14
17894	-4.18	-5.06	-2.71	-31.27	-89.99	-1101.15	-53.01	-347.63	-220.41
17895	-5.38	-5.06	-2.71	-70.31	-101.03	-1141.29	-59.93	-402.58	-214.90
17896	-6.57	-5.06	-2.71	-119.86	-114.65	-1181.97	-66.55	-454.29	-207.74
17897	-7.77	-5.07	-2.71	-179.42	-131.13	-1226.03	-72.72	-501.65	-199.13
17898	-8.96	-5.07	-2.72	-248.54	-150.82	-1277.04	-78.36	-543.96	-189.36
17899	-10.16	-5.07	-2.72	-327.09	-174.27	-1339.26	-83.49	-581.08	-178.80
17900	-11.35	-5.07	-2.72	-415.69	-202.22	-1417.74	-88.27	-613.48	-167.88
17901	-12.55	-5.08	-2.72	-516.22	-235.86	-1518.59	-93.07	-642.43	-157.12
17902	-13.74	-5.08	-2.72	-632.85	-277.05	-1649.85	-98.49	-670.13	-147.09
17903	-14.94	-5.08	-2.73	-773.79	-329.05	-1824.49	-105.47	-699.92	-138.45
17904	-16.13	-5.08	-2.73	-954.72	-397.12	-2062.03	-115.47	-736.94	-132.06
17905	-17.33	-5.09	-2.73	-1205.56	-498.28	-2457.25	-128.72	-786.33	-129.18
17906	-18.52	-5.09	-2.73	-1625.31	-612.60	-2756.53	-164.85	-1070.13	-194.95
17907	-0.59	-6.15	-2.70	7.52	-86.42	-945.62	-39.82	-176.44	-256.78
17908	-1.76	-6.15	-2.70	1.33	-90.99	-993.47	-47.46	-230.15	-256.88
17909	-2.94	-6.16	-2.71	-15.52	-97.49	-1038.65	-55.50	-285.01	-254.97
17910	-4.11	-6.16	-2.71	-43.03	-106.05	-1081.67	-63.72	-339.61	-251.04
17911	-5.28	-6.16	-2.71	-81.02	-116.84	-1123.75	-71.88	-392.53	-245.17
17912	-6.46	-6.16	-2.71	-129.12	-130.06	-1166.81	-79.77	-442.52	-237.50
17913	-7.63	-6.17	-2.71	-186.92	-146.01	-1213.52	-87.24	-488.60	-228.26
17914	-8.81	-6.17	-2.72	-254.11	-165.08	-1267.18	-94.19	-530.13	-217.75
17915	-9.98	-6.17	-2.72	-330.69	-187.81	-1331.78	-100.68	-566.98	-206.36
17916	-11.16	-6.17	-2.72	-417.36	-215.02	-1412.10	-106.90	-599.61	-194.58
17917	-12.33	-6.18	-2.72	-516.10	-247.91	-1513.98	-113.29	-629.21	-182.96
17918	-13.51	-6.18	-2.72	-630.98	-288.41	-1645.30	-120.53	-657.81	-172.16
17919	-14.68	-6.18	-2.73	-769.97	-339.71	-1818.85	-129.65	-688.51	-163.00

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
17920	-15.85	-6.19	-2.73	-948.08	-406.84	-2054.42	-142.15	-726.04	-156.55
17921	-17.03	-6.19	-2.73	-1194.45	-505.11	-2441.58	-157.72	-776.86	-156.05
17922	-18.20	-6.19	-2.73	-1601.44	-613.30	-2722.43	-198.23	-1055.07	-239.15
17923	-0.58	-7.25	-2.70	-6.76	-105.41	-924.70	-47.18	-174.88	-284.17
17924	-1.73	-7.25	-2.70	-13.60	-110.16	-972.68	-55.75	-226.32	-284.42
17925	-2.88	-7.25	-2.70	-30.50	-116.69	-1018.73	-64.79	-278.82	-282.52
17926	-4.03	-7.25	-2.70	-57.49	-125.14	-1063.31	-74.05	-331.10	-278.51
17927	-5.18	-7.26	-2.70	-94.41	-135.67	-1107.58	-83.32	-381.93	-272.45
17928	-6.33	-7.26	-2.70	-141.01	-148.51	-1153.31	-92.36	-430.19	-264.50
17929	-7.48	-7.26	-2.71	-196.99	-163.96	-1202.93	-101.01	-475.01	-254.90
17930	-8.63	-7.26	-2.71	-262.17	-182.42	-1259.50	-109.22	-515.84	-243.98
17931	-9.78	-7.26	-2.71	-336.72	-204.48	-1326.72	-117.04	-552.58	-232.15
17932	-10.93	-7.26	-2.71	-421.46	-230.99	-1409.06	-124.73	-585.67	-219.89
17933	-12.08	-7.26	-2.71	-518.42	-263.23	-1512.14	-132.76	-616.21	-207.80
17934	-13.23	-7.26	-2.71	-631.76	-303.15	-1643.66	-141.92	-646.12	-196.58
17935	-14.38	-7.26	-2.71	-769.22	-353.98	-1816.26	-153.36	-678.37	-187.16
17936	-15.53	-7.27	-2.71	-945.31	-420.60	-2050.24	-168.50	-717.45	-181.08
17937	-16.68	-7.27	-2.71	-1188.45	-516.55	-2429.62	-186.30	-771.49	-183.37
17938	-17.83	-7.27	-2.71	-1586.80	-622.21	-2692.79	-232.27	-1046.35	-283.18
17939	-0.61	-3.95	-4.10	167.73	-17.40	-890.11	-16.84	-167.92	-172.11
17940	-1.82	-3.95	-4.10	156.72	-19.74	-935.72	-22.35	-211.63	-171.42
17941	-3.03	-3.95	-4.10	135.87	-24.13	-979.43	-27.93	-256.50	-169.37
17942	-4.24	-3.95	-4.10	105.24	-30.66	-1021.80	-33.42	-301.20	-165.97
17943	-5.45	-3.95	-4.10	65.12	-39.43	-1064.07	-38.64	-344.40	-161.28
17944	-6.66	-3.96	-4.10	16.07	-50.58	-1108.22	-43.44	-384.84	-155.39
17945	-7.88	-3.96	-4.10	-41.15	-64.22	-1156.91	-47.67	-421.45	-148.43
17946	-9.09	-3.96	-4.11	-105.68	-80.52	-1213.41	-51.20	-453.40	-140.56
17947	-10.30	-3.96	-4.11	-176.62	-99.65	-1281.63	-53.94	-480.19	-131.97
17948	-11.51	-3.96	-4.11	-253.10	-121.82	-1366.10	-55.79	-501.66	-122.93
17949	-12.72	-3.96	-4.11	-334.25	-147.23	-1472.20	-56.64	-518.13	-113.72
17950	-13.93	-3.96	-4.11	-418.70	-176.02	-1606.73	-56.19	-530.74	-104.83
17951	-15.15	-3.96	-4.11	-502.87	-207.82	-1778.30	-53.66	-542.93	-97.23
17952	-16.36	-3.96	-4.11	-576.07	-241.14	-2001.76	-46.97	-566.04	-93.75
17953	-17.57	-3.96	-4.11	-603.56	-262.34	-2245.90	-31.54	-664.24	-108.33
17954	-18.78	-3.97	-4.11	-583.28	-236.15	-2263.79	-16.75	-943.74	-163.54
17955	-0.60	-5.05	-4.10	156.64	-29.56	-873.23	-21.81	-165.95	-200.56
17956	-1.79	-5.05	-4.10	145.70	-32.02	-918.89	-28.55	-208.17	-199.87
17957	-2.99	-5.06	-4.10	125.31	-36.38	-963.12	-35.40	-251.44	-197.66
17958	-4.18	-5.06	-4.11	95.50	-42.72	-1006.45	-42.18	-294.54	-193.93
17959	-5.38	-5.06	-4.11	56.56	-51.15	-1050.08	-48.68	-336.22	-188.73
17960	-6.57	-5.06	-4.11	9.01	-61.79	-1095.88	-54.72	-375.33	-182.17
17961	-7.77	-5.07	-4.11	-46.46	-74.77	-1146.35	-60.11	-410.86	-174.37
17962	-8.96	-5.07	-4.11	-109.06	-90.23	-1204.58	-64.71	-442.05	-165.51
17963	-10.16	-5.07	-4.11	-177.95	-108.36	-1274.25	-68.39	-468.39	-155.82
17964	-11.35	-5.07	-4.12	-252.30	-129.34	-1359.69	-71.01	-489.77	-145.58
17965	-12.55	-5.08	-4.12	-331.23	-153.33	-1466.06	-72.37	-506.49	-135.19
17966	-13.74	-5.08	-4.12	-413.26	-180.34	-1599.92	-72.02	-519.73	-125.27
17967	-14.94	-5.08	-4.12	-494.66	-209.71	-1769.50	-68.87	-533.05	-117.27
17968	-16.13	-5.08	-4.12	-564.78	-239.26	-1988.19	-60.19	-558.27	-115.25
17969	-17.33	-5.08	-4.12	-590.65	-254.75	-2221.46	-40.97	-657.80	-136.97
17970	-18.52	-5.09	-4.13	-571.50	-225.85	-2232.12	-24.53	-927.87	-207.70
17971	-0.59	-6.15	-4.10	142.98	-44.44	-856.72	-26.91	-163.67	-226.27
17972	-1.76	-6.15	-4.10	132.00	-47.04	-902.54	-34.73	-204.25	-225.60
17973	-2.94	-6.16	-4.10	112.02	-51.38	-947.44	-42.70	-245.79	-223.26
17974	-4.11	-6.16	-4.11	83.05	-57.53	-991.95	-50.60	-287.16	-219.27
17975	-5.29	-6.16	-4.11	45.37	-65.61	-1037.20	-58.23	-327.23	-213.68
17976	-6.46	-6.16	-4.11	-0.57	-75.72	-1084.93	-65.38	-364.94	-206.58
17977	-7.63	-6.17	-4.11	-54.15	-87.99	-1137.46	-71.83	-399.36	-198.13
17978	-8.81	-6.17	-4.11	-114.66	-102.57	-1197.66	-77.42	-429.78	-188.50
17979	-9.98	-6.17	-4.11	-181.36	-119.62	-1269.00	-81.98	-455.74	-177.94
17980	-11.16	-6.17	-4.12	-253.47	-139.32	-1355.54	-85.35	-477.11	-166.77
17981	-12.33	-6.18	-4.12	-330.10	-161.78	-1462.22	-87.24	-494.21	-155.42
17982	-13.51	-6.18	-4.12	-409.73	-186.86	-1595.32	-87.05	-508.29	-144.73
17983	-14.68	-6.18	-4.12	-488.53	-213.61	-1762.67	-83.35	-523.09	-136.64
17984	-15.86	-6.18	-4.12	-555.99	-239.22	-1975.90	-72.83	-550.89	-136.60
17985	-17.03	-6.19	-4.12	-581.19	-249.08	-2196.73	-50.22	-651.89	-166.01
17986	-18.21	-6.19	-4.12	-564.40	-218.11	-2199.39	-32.47	-911.13	-250.80
17987	-0.58	-7.25	-4.10	126.73	-61.83	-841.25	-32.15	-161.14	-248.92
17988	-1.73	-7.25	-4.10	115.63	-64.58	-887.32	-40.89	-199.98	-248.29
17989	-2.88	-7.25	-4.10	96.01	-68.90	-933.03	-49.80	-239.67	-245.89
17990	-4.03	-7.25	-4.10	67.90	-74.85	-978.88	-58.68	-279.22	-241.74
17991	-5.18	-7.25	-4.10	31.54	-82.55	-1025.93	-67.29	-317.60	-235.90
17992	-6.33	-7.26	-4.10	-12.69	-92.11	-1075.77	-75.40	-353.85	-228.45
17993	-7.48	-7.26	-4.10	-64.25	-103.65	-1130.53	-82.80	-387.14	-219.56
17994	-8.63	-7.26	-4.11	-122.55	-117.31	-1192.86	-89.29	-416.82	-209.41
17995	-9.78	-7.26	-4.11	-186.93	-133.23	-1265.97	-94.69	-442.44	-198.27
17996	-10.93	-7.26	-4.11	-256.70	-151.56	-1353.66	-98.80	-463.87	-186.46
17997	-12.08	-7.26	-4.11	-330.99	-172.38	-1460.61	-101.28	-481.46	-174.48
17998	-13.23	-7.26	-4.11	-408.24	-195.43	-1592.82	-101.33	-496.52	-163.29
17999	-14.38	-7.26	-4.11	-484.56	-219.43	-1757.64	-97.23	-513.08	-155.38
18000	-15.53	-7.26	-4.11	-549.81	-240.96	-1964.71	-85.21	-543.92	-157.73
18001	-16.68	-7.27	-4.11	-575.47	-245.52	-2171.83	-60.33	-646.29	-194.90
18002	-17.83	-7.27	-4.11	-562.01	-213.33	-2166.32	-42.55	-893.36	-292.79
18003	-0.61	-3.95	-5.50	334.46	37.35	-813.05	-6.68	-152.72	-152.36
18004	-1.82	-3.95	-5.50	318.53	37.54	-856.86	-12.41	-184.48	-151.42
18005	-3.03	-3.95	-5.50	294.67	35.93	-900.30	-18.04	-217.30	-149.39
18006	-4.24	-3.95	-5.50	262.98	32.46	-943.97	-23.42	-250.22	-146.34
18007	-5.45	-3.95	-5.50	223.88	27.09	-989.05	-28.38	-282.30	-142.31
18008	-6.66	-3.96	-5.50	178.07	19.81	-1037.38	-32.75	-312.64	-137.40
18009	-7.88	-3.96	-5.50	126.62	10.63	-1091.35	-36.35	-340.53	-131.74
18010	-9.09	-3.96	-5.50	70.91	-0.35	-1153.88	-38.98	-365.46	-125.50
18011	-10.30	-3.96	-5.50	12.76	-12.97	-1228.34	-40.43	-387.31	-118.90
18012	-11.51	-3.96	-5.50	-45.41	-26.89	-1318.48	-40.41	-406.51	-112.31
18013	-12.72	-3.96	-5.51	-100.21	-41.45	-1428.19	-38.54	-424.62	-106.32
18014	-13.94	-3.96	-5.51	-146.47	-55.43	-1560.81	-34.25	-445.60	-102.02
18015	-15.15	-3.96	-5.51	-176.19	-66.47	-1716.97	-26.79	-479.10	-101.65
18016	-16.36	-3.96	-5.51	-178.45	-69.31	-1880.74	-15.74	-549.41	-110.18
18017	-17.57	-3.96	-5.51	-159.79	-55.64	-1982.92	-5.76	-693.15	-134.24
18018	-18.78	-3.96	-5.51	-176.94	-23.02	-1903.17	-11.01	-894.89	-168.35

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
18019	-0.60	-5.05	-5.50	321.97	26.02	-800.04	-8.89	-150.42	-176.03
18020	-1.79	-5.05	-5.50	306.45	26.10	-844.01	-15.85	-181.08	-175.03
18021	-2.99	-5.06	-5.50	283.31	24.54	-887.97	-22.72	-212.73	-172.83
18022	-4.18	-5.06	-5.50	252.65	21.30	-932.51	-29.31	-244.48	-169.48
18023	-5.38	-5.06	-5.51	214.89	16.34	-978.76	-35.41	-275.44	-165.04
18024	-6.57	-5.06	-5.51	170.71	9.66	-1028.44	-40.82	-304.82	-159.62
18025	-7.77	-5.06	-5.51	121.12	1.30	-1083.80	-45.31	-331.93	-153.37
18026	-8.96	-5.07	-5.51	67.45	-8.66	-1147.59	-48.62	-356.33	-146.47
18027	-10.16	-5.07	-5.51	11.45	-20.02	-1222.98	-50.48	-377.93	-139.23
18028	-11.35	-5.07	-5.51	-44.52	-32.39	-1313.45	-50.53	-397.22	-132.08
18029	-12.55	-5.07	-5.51	-97.14	-45.10	-1422.62	-48.25	-415.84	-125.81
18030	-13.74	-5.08	-5.51	-141.40	-56.81	-1553.42	-42.92	-437.83	-121.90
18031	-14.94	-5.08	-5.51	-169.71	-65.13	-1705.71	-33.62	-472.78	-123.30
18032	-16.13	-5.08	-5.52	-172.12	-65.01	-1862.52	-20.16	-544.02	-136.21
18033	-17.33	-5.08	-5.52	-155.85	-49.74	-1956.47	-8.65	-684.59	-168.04
18034	-18.52	-5.09	-5.52	-173.48	-19.41	-1875.93	-15.86	-877.31	-211.01
18035	-0.59	-6.15	-5.50	306.73	12.51	-787.80	-11.28	-147.71	-197.37
18036	-1.76	-6.15	-5.50	291.60	12.44	-832.02	-19.31	-177.19	-196.33
18037	-2.94	-6.16	-5.50	269.22	10.94	-876.63	-27.24	-207.58	-194.01
18038	-4.11	-6.16	-5.50	239.70	7.94	-922.21	-34.86	-238.07	-190.45
18039	-5.29	-6.16	-5.51	203.43	3.44	-969.82	-41.94	-267.86	-185.73
18040	-6.46	-6.16	-5.51	161.07	-2.56	-1021.06	-48.24	-296.21	-179.95
18041	-7.64	-6.17	-5.51	113.56	-10.02	-1078.03	-53.48	-322.52	-173.27
18042	-8.81	-6.17	-5.51	62.18	-18.82	-1143.25	-57.37	-346.39	-165.93
18043	-9.98	-6.17	-5.51	8.59	-28.74	-1219.65	-59.58	-367.78	-158.27
18044	-11.16	-6.17	-5.51	-44.93	-39.37	-1310.45	-59.66	-387.25	-150.82
18045	-12.33	-6.18	-5.51	-95.15	-49.97	-1418.91	-56.99	-406.51	-144.56
18046	-13.51	-6.18	-5.51	-137.28	-59.15	-1547.47	-50.69	-429.72	-141.36
18047	-14.68	-6.18	-5.51	-164.19	-64.45	-1695.09	-39.78	-466.41	-144.90
18048	-15.86	-6.18	-5.52	-167.09	-61.21	-1843.61	-24.37	-538.64	-162.47
18049	-17.03	-6.18	-5.52	-153.76	-44.51	-1928.08	-12.06	-675.38	-201.70
18050	-18.21	-6.19	-5.52	-171.92	-16.91	-1846.74	-21.36	-857.87	-252.24
18051	-0.58	-7.25	-5.50	288.79	-2.91	-776.98	-13.88	-144.67	-216.11
18052	-1.73	-7.25	-5.50	274.06	-3.10	-821.51	-22.79	-172.90	-215.10
18053	-2.88	-7.25	-5.50	252.48	-4.53	-866.88	-31.59	-201.96	-212.73
18054	-4.03	-7.25	-5.50	224.19	-7.23	-913.61	-40.05	-231.12	-209.07
18055	-5.18	-7.25	-5.50	189.54	-11.22	-962.72	-47.93	-259.68	-204.19
18056	-6.33	-7.26	-5.50	149.18	-16.47	-1015.64	-54.94	-286.97	-198.22
18057	-7.48	-7.26	-5.50	103.96	-22.93	-1074.31	-60.80	-312.46	-191.33
18058	-8.63	-7.26	-5.50	55.09	-30.46	-1141.01	-65.15	-335.82	-183.79
18059	-9.78	-7.26	-5.50	4.15	-38.78	-1218.42	-67.62	-357.05	-175.99
18060	-10.93	-7.26	-5.50	-46.70	-47.46	-1309.42	-67.71	-376.76	-168.58
18061	-12.08	-7.26	-5.51	-94.34	-55.73	-1416.89	-64.71	-396.74	-162.68
18062	-13.23	-7.26	-5.51	-134.18	-62.18	-1542.71	-57.60	-421.30	-160.49
18063	-14.38	-7.26	-5.51	-159.68	-64.27	-1684.84	-45.33	-459.96	-166.47
18064	-15.53	-7.26	-5.51	-163.31	-57.80	-1823.88	-28.46	-533.26	-188.90
18065	-16.68	-7.27	-5.51	-153.35	-39.82	-1897.74	-15.93	-665.53	-235.08
18066	-17.83	-7.27	-5.51	-172.20	-15.22	-1815.44	-27.25	-836.85	-292.36
18067	-0.61	-3.95	-6.90	526.44	106.03	-754.35	4.77	-134.94	-132.89
18068	-1.82	-3.95	-6.90	506.14	109.23	-796.69	-1.33	-156.85	-131.89
18069	-3.03	-3.95	-6.90	479.76	110.87	-839.65	-7.19	-179.84	-130.13
18070	-4.24	-3.95	-6.90	447.42	110.94	-883.85	-12.68	-203.35	-127.66
18071	-5.45	-3.95	-6.90	409.61	109.45	-930.40	-17.63	-226.87	-124.59
18072	-6.67	-3.95	-6.90	367.13	106.46	-980.95	-21.86	-249.97	-121.03
18073	-7.88	-3.96	-6.90	321.19	102.09	-1037.58	-25.18	-272.47	-117.14
18074	-9.09	-3.96	-6.90	273.46	96.58	-1102.76	-27.39	-294.48	-113.15
18075	-10.30	-3.96	-6.90	226.16	90.30	-1179.10	-28.24	-316.62	-109.38
18076	-11.51	-3.96	-6.90	182.15	83.86	-1269.01	-27.48	-340.42	-106.33
18077	-12.72	-3.96	-6.90	145.04	78.22	-1373.91	-24.89	-368.88	-104.77
18078	-13.94	-3.96	-6.90	118.98	74.84	-1492.38	-20.36	-407.72	-105.94
18079	-15.15	-3.96	-6.90	107.21	75.96	-1615.44	-14.34	-467.01	-111.74
18080	-16.36	-3.96	-6.90	106.19	84.34	-1717.44	-8.98	-559.45	-124.11
18081	-17.57	-3.96	-6.90	97.64	101.54	-1752.89	-9.12	-686.19	-141.97
18082	-18.78	-3.96	-6.90	57.97	126.77	-1677.32	-19.03	-817.56	-157.99
18083	-0.60	-5.05	-6.90	512.55	95.34	-744.42	5.71	-132.57	-152.35
18084	-1.79	-5.05	-6.90	492.95	98.38	-786.94	-1.67	-153.76	-151.30
18085	-2.99	-5.06	-6.90	467.50	100.05	-830.38	-8.77	-175.98	-149.42
18086	-4.18	-5.06	-6.90	436.36	100.33	-875.32	-15.41	-198.74	-146.80
18087	-5.38	-5.06	-6.90	399.99	99.25	-922.82	-21.41	-221.56	-143.53
18088	-6.57	-5.06	-6.90	359.20	96.87	-974.42	-26.55	-244.09	-139.77
18089	-7.77	-5.06	-6.90	315.15	93.33	-1032.08	-30.58	-266.17	-135.70
18090	-8.96	-5.07	-6.91	269.45	88.88	-1098.05	-33.24	-287.93	-131.62
18091	-10.16	-5.07	-6.91	224.21	83.91	-1174.73	-34.24	-310.07	-127.92
18092	-11.36	-5.07	-6.91	182.18	79.01	-1264.24	-33.27	-334.10	-125.24
18093	-12.55	-5.07	-6.91	146.78	75.12	-1367.65	-30.05	-363.06	-124.57
18094	-13.74	-5.08	-6.91	121.83	73.64	-1483.13	-24.49	-402.51	-127.50
18095	-14.94	-5.08	-6.91	110.13	76.55	-1601.34	-17.25	-461.96	-136.36
18096	-16.14	-5.08	-6.91	107.98	85.99	-1697.25	-11.09	-552.80	-153.30
18097	-17.33	-5.08	-6.91	98.35	102.68	-1728.31	-11.77	-674.96	-176.62
18098	-18.53	-5.08	-6.91	60.23	125.48	-1654.24	-24.13	-800.45	-197.34
18099	-0.59	-6.15	-6.90	495.77	82.97	-735.52	6.38	-129.77	-170.01
18100	-1.76	-6.15	-6.90	476.95	85.84	-778.30	-2.07	-150.21	-168.95
18101	-2.94	-6.16	-6.90	452.56	87.54	-822.32	-10.20	-171.64	-167.04
18102	-4.11	-6.16	-6.90	422.79	88.07	-868.12	-17.82	-193.61	-164.37
18103	-5.29	-6.16	-6.90	388.10	87.46	-916.72	-24.69	-215.73	-161.04
18104	-6.46	-6.16	-6.90	349.26	85.78	-969.52	-30.57	-237.67	-157.23
18105	-7.64	-6.16	-6.90	307.39	83.21	-1028.30	-35.17	-259.33	-153.18
18106	-8.81	-6.17	-6.91	264.03	79.98	-1095.12	-38.18	-280.90	-149.21
18107	-9.99	-6.17	-6.91	221.17	76.50	-1172.08	-39.27	-303.08	-145.81
18108	-11.16	-6.17	-6.91	181.42	73.36	-1260.97	-38.09	-327.44	-143.74
18109	-12.34	-6.17	-6.91	147.96	71.46	-1362.45	-34.32	-357.00	-144.19
18110	-13.51	-6.18	-6.91	124.24	72.07	-1474.19	-27.93	-397.18	-149.09
18111	-14.69	-6.18	-6.91	112.57	76.88	-1586.48	-19.80	-456.79	-161.11
18112	-15.86	-6.18	-6.91	109.04	87.36	-1675.13	-13.27	-545.66	-182.41
18113	-17.03	-6.18	-6.91	98.21	103.28	-1701.04	-14.75	-662.43	-210.55
18114	-18.21	-6.19	-6.91	61.88	123.28	-1628.65	-29.25	-781.14	-235.19
18115	-0.58	-7.25	-6.90	476.21	69.28	-728.24	6.77	-126.65	-185.72
18116	-1.73	-7.25	-6.90	458.26	71.99	-771.33	-2.54	-146.32	-184.74
18117	-2.88	-7.25	-6.90	435.07	73.76	-815.99	-11.49	-166.93	-182.90



Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
18118	-4.03	-7.25	-6.90	406.84	74.59	-862.74	-19.87	-188.10	-180.29
18119	-5.18	-7.25	-6.90	374.03	74.53	-912.50	-27.41	-209.50	-177.06
18120	-6.33	-7.26	-6.90	337.39	73.67	-966.54	-33.85	-230.86	-173.39
18121	-7.48	-7.26	-6.90	297.97	72.18	-1026.46	-38.87	-252.13	-169.55
18122	-8.63	-7.26	-6.90	257.23	70.32	-1094.06	-42.12	-273.55	-165.95
18123	-9.78	-7.26	-6.90	217.04	68.50	-1171.11	-43.24	-295.84	-163.13
18124	-10.93	-7.26	-6.90	179.82	67.31	-1259.03	-41.86	-320.59	-161.98
18125	-12.08	-7.26	-6.90	148.52	67.55	-1358.02	-37.67	-350.78	-163.83
18126	-13.23	-7.26	-6.90	126.17	70.34	-1465.22	-30.69	-391.69	-170.84
18127	-14.38	-7.26	-6.90	114.51	77.06	-1570.57	-22.03	-451.44	-186.02
18128	-15.53	-7.26	-6.90	109.47	88.42	-1650.91	-15.55	-538.01	-211.44
18129	-16.68	-7.26	-6.90	97.34	103.28	-1671.06	-18.05	-648.63	-243.65
18130	-17.83	-7.27	-6.90	62.88	120.09	-1600.57	-34.39	-759.85	-271.45
18131	-0.61	-3.95	-8.30	740.37	187.70	-711.12	17.12	-115.60	-113.06
18132	-1.82	-3.95	-8.30	716.14	194.23	-752.10	10.42	-129.60	-112.16
18133	-3.03	-3.95	-8.30	687.49	199.44	-794.19	4.05	-144.77	-110.79
18134	-4.24	-3.95	-8.30	654.54	203.30	-837.93	-1.85	-160.93	-109.04
18135	-5.45	-3.95	-8.30	617.69	205.84	-884.33	-7.17	-177.99	-107.05
18136	-6.67	-3.95	-8.30	577.68	207.15	-934.75	-11.73	-196.02	-104.96
18137	-7.88	-3.96	-8.30	535.57	207.35	-990.90	-15.43	-215.36	-102.98
18138	-9.09	-3.96	-8.30	492.85	206.71	-1054.61	-18.05	-236.74	-101.37
18139	-10.30	-3.96	-8.30	451.41	205.59	-1127.58	-19.47	-261.47	-100.49
18140	-11.51	-3.96	-8.30	413.46	204.57	-1210.78	-19.58	-291.67	-100.81
18141	-12.72	-3.96	-8.30	381.24	204.43	-1303.39	-18.45	-330.61	-102.96
18142	-13.94	-3.96	-8.30	356.12	206.25	-1400.85	-16.45	-382.86	-107.70
18143	-15.15	-3.96	-8.30	336.68	211.20	-1492.00	-14.64	-453.35	-115.60
18144	-16.36	-3.96	-8.30	316.26	220.19	-1557.39	-14.96	-543.50	-126.22
18145	-17.57	-3.96	-8.30	283.96	233.38	-1572.95	-19.64	-644.96	-137.02
18146	-18.78	-3.96	-8.30	230.93	250.14	-1520.60	-29.61	-736.49	-143.38
18147	-0.60	-5.05	-8.30	725.00	177.17	-703.37	21.44	-113.36	-128.80
18148	-1.79	-5.05	-8.30	701.68	183.46	-744.50	13.39	-126.98	-127.88
18149	-2.99	-5.06	-8.30	674.11	188.60	-786.95	5.75	-141.75	-126.50
18150	-4.18	-5.06	-8.30	642.43	192.57	-831.25	-1.34	-157.55	-124.78
18151	-5.38	-5.06	-8.30	607.05	195.41	-878.35	-7.73	-174.32	-122.85
18152	-6.57	-5.06	-8.30	568.68	197.20	-929.50	-13.21	-192.14	-120.92
18153	-7.77	-5.06	-8.30	528.36	198.09	-986.28	-17.61	-211.38	-119.22
18154	-8.97	-5.07	-8.30	487.51	198.33	-1050.33	-20.72	-232.77	-118.10
18155	-10.16	-5.07	-8.30	447.90	198.29	-1123.11	-22.36	-257.60	-117.97
18156	-11.36	-5.07	-8.30	411.60	198.49	-1205.31	-22.45	-287.95	-119.43
18157	-12.55	-5.07	-8.30	380.64	199.64	-1295.83	-21.07	-326.96	-123.28
18158	-13.75	-5.07	-8.30	356.19	202.64	-1389.96	-18.74	-378.89	-130.41
18159	-14.94	-5.08	-8.30	336.72	208.41	-1476.77	-16.77	-448.13	-141.46
18160	-16.14	-5.08	-8.30	316.01	217.49	-1537.90	-17.51	-535.53	-155.75
18161	-17.33	-5.08	-8.30	284.19	229.79	-1551.28	-23.53	-632.94	-170.13
18162	-18.53	-5.08	-8.30	233.39	244.76	-1500.63	-35.88	-720.77	-179.03
18163	-0.59	-6.15	-8.30	706.60	165.36	-696.72	25.41	-110.74	-143.32
18164	-1.76	-6.15	-8.30	684.37	171.38	-738.04	16.22	-124.00	-142.47
18165	-2.94	-6.16	-8.30	658.09	176.45	-780.91	7.51	-138.40	-141.18
18166	-4.11	-6.16	-8.30	627.93	180.56	-825.85	-0.58	-153.87	-139.60
18167	-5.29	-6.16	-8.30	594.29	183.75	-873.71	-7.84	-170.37	-137.89
18168	-6.46	-6.16	-8.30	557.87	186.11	-925.67	-14.08	-188.02	-136.28
18169	-7.64	-6.16	-8.30	519.68	187.80	-983.08	-19.06	-207.21	-135.05
18170	-8.81	-6.17	-8.30	481.03	189.06	-1047.39	-22.57	-228.67	-134.58
18171	-9.99	-6.17	-8.30	443.58	190.24	-1119.77	-24.41	-253.66	-135.39
18172	-11.16	-6.17	-8.30	409.22	191.82	-1200.58	-24.50	-284.20	-138.16
18173	-12.34	-6.17	-8.30	379.75	194.40	-1288.41	-23.00	-323.26	-143.78
18174	-13.51	-6.18	-8.30	356.06	198.66	-1378.36	-20.53	-374.79	-153.27
18175	-14.69	-6.18	-8.30	336.56	205.23	-1459.85	-18.67	-442.50	-167.28
18176	-15.86	-6.18	-8.30	315.55	214.28	-1515.88	-20.03	-526.59	-184.82
18177	-17.04	-6.18	-8.30	284.35	225.46	-1526.69	-27.38	-619.22	-202.18
18178	-18.21	-6.18	-8.30	236.17	238.36	-1478.02	-41.75	-702.69	-213.16
18179	-0.58	-7.25	-8.30	685.32	152.63	-691.69	28.98	-107.84	-156.62
18180	-1.73	-7.25	-8.30	664.36	158.39	-733.21	18.90	-120.77	-155.93
18181	-2.88	-7.25	-8.30	639.57	163.41	-776.53	9.34	-134.84	-154.87
18182	-4.03	-7.25	-8.30	611.15	167.71	-822.12	0.48	-150.00	-153.57
18183	-5.18	-7.25	-8.30	579.52	171.33	-870.76	-7.47	-166.27	-152.24
18184	-6.33	-7.26	-8.30	545.34	174.35	-923.48	-14.29	-183.81	-151.13
18185	-7.48	-7.26	-8.30	509.56	176.94	-981.44	-19.72	-203.00	-150.56
18186	-8.63	-7.26	-8.30	473.43	179.33	-1045.81	-23.53	-224.58	-150.98
18187	-9.78	-7.26	-8.30	438.43	181.84	-1117.44	-25.54	-249.76	-152.94
18188	-10.93	-7.26	-8.30	406.27	184.89	-1196.35	-25.69	-280.47	-157.18
18189	-12.08	-7.26	-8.30	378.48	188.93	-1280.79	-24.21	-319.50	-164.64
18190	-13.23	-7.26	-8.30	355.69	194.44	-1365.73	-21.86	-370.43	-176.38
18191	-14.38	-7.26	-8.30	336.22	201.69	-1441.04	-20.37	-436.34	-193.02
18192	-15.53	-7.26	-8.30	314.93	210.51	-1491.28	-22.54	-516.66	-213.32
18193	-16.68	-7.26	-8.30	284.50	220.38	-1499.25	-31.14	-603.84	-233.01
18194	-17.83	-7.27	-8.30	239.20	230.99	-1452.88	-47.14	-682.46	-245.61
18195	-22.42	-7.26	-2.70	-0.06	85.29	3.46	-1.92	13.55	25.28
18196	-21.53	-7.26	-2.70	-52.20	72.95	-26.71	24.40	-20.86	9.51
18197	-20.64	-7.26	-2.71	-243.65	22.67	-64.20	15.81	-112.68	-20.78
18198	-19.74	-7.27	-2.71	-725.36	-86.53	-77.97	-77.59	-314.09	-89.85
18199	-18.85	-7.27	-2.71	-1924.97	-534.69	-1473.63	-327.23	-1334.53	-439.45
18200	-22.75	-6.17	-2.70	1.07	89.44	3.87	-1.88	15.56	22.26
18201	-21.87	-6.18	-2.71	-47.15	72.88	-26.67	22.19	-20.03	8.13
18202	-20.99	-6.18	-2.72	-238.16	18.68	-64.89	15.22	-114.18	-18.80
18203	-20.11	-6.19	-2.72	-727.76	-89.67	-78.30	-66.40	-319.97	-80.18
18204	-19.23	-6.19	-2.73	-1956.73	-522.52	-1493.58	-282.08	-1367.27	-381.73
18205	-23.02	-5.07	-2.70	1.84	92.90	4.21	-1.39	17.29	19.32
18206	-22.15	-5.08	-2.71	-43.07	72.44	-26.65	19.87	-19.03	7.03
18207	-21.28	-5.08	-2.72	-234.86	15.42	-65.59	13.69	-115.41	-16.11
18208	-20.42	-5.08	-2.72	-735.75	-92.99	-79.54	-58.55	-327.03	-71.33
18209	-19.55	-5.09	-2.73	-1998.87	-517.68	-1518.17	-237.57	-1404.32	-323.25
18210	-23.24	-3.96	-2.70	2.40	95.66	4.45	-0.46	18.74	16.37
18211	-22.38	-3.96	-2.70	-39.83	71.66	-26.70	17.99	-18.20	6.16
18212	-21.53	-3.96	-2.71	-232.50	13.01	-66.06	13.74	-116.13	-12.35
18213	-20.67	-3.96	-2.71	-746.86	-92.75	-79.35	-45.61	-333.51	-57.89
18214	-19.81	-3.97	-2.71	-2052.77	-518.32	-1544.79	-189.05	-1444.57	-260.06
18215	-22.42	-7.26	-4.10	-28.02	170.56	-25.15	-49.26	-32.96	43.37
18216	-21.53	-7.26	-4.10	-166.27	126.83	-148.54	-60.31	-159.81	-6.94

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
18217	-20.64	-7.26	-4.11	-404.10	62.24	-247.22	-104.91	-397.72	-91.79
18218	-19.75	-7.27	-4.11	-729.56	-64.18	-670.73	-170.50	-853.95	-260.06
18219	-18.85	-7.27	-4.11	-661.99	-151.39	-1539.46	-106.48	-1141.81	-383.24
18220	-22.75	-6.17	-4.10	-31.11	178.32	-24.46	-43.23	-29.89	38.48
18221	-21.87	-6.18	-4.11	-170.64	133.72	-149.37	-52.68	-160.40	-5.66
18222	-20.99	-6.18	-4.11	-413.28	70.73	-249.24	-91.15	-404.71	-79.86
18223	-20.11	-6.18	-4.12	-746.79	-52.29	-678.33	-147.12	-874.91	-226.40
18224	-19.23	-6.19	-4.12	-670.08	-146.50	-1561.18	-88.11	-1173.67	-332.32
18225	-23.02	-5.07	-4.10	-34.07	185.35	-23.99	-36.50	-27.27	33.57
18226	-22.15	-5.08	-4.11	-174.85	140.09	-150.25	-44.05	-160.80	-4.08
18227	-21.29	-5.08	-4.11	-422.56	78.75	-251.48	-76.47	-411.09	-67.28
18228	-20.42	-5.08	-4.12	-764.39	-41.72	-686.91	-123.07	-894.42	-191.47
18229	-19.55	-5.09	-4.12	-680.45	-144.33	-1583.87	-70.85	-1202.96	-279.36
18230	-23.24	-3.96	-4.10	-36.60	191.39	-23.84	-29.00	-25.12	28.61
18231	-22.38	-3.96	-4.10	-178.62	145.48	-151.17	-34.13	-160.96	-2.12
18232	-21.53	-3.96	-4.11	-431.26	86.02	-253.11	-59.37	-415.96	-53.06
18233	-20.67	-3.96	-4.11	-782.58	-32.59	-694.27	-95.86	-911.58	-152.58
18234	-19.82	-3.97	-4.11	-693.95	-144.85	-1605.60	-52.57	-1230.19	-222.32
18235	-22.42	-7.26	-5.50	-21.84	248.52	-148.89	-78.55	-107.07	39.75
18236	-21.53	-7.26	-5.50	-142.92	195.44	-340.27	-96.95	-309.10	-36.66
18237	-20.64	-7.26	-5.50	-290.82	133.28	-550.65	-126.43	-583.97	-141.81
18238	-19.75	-7.26	-5.51	-335.49	71.88	-940.58	-123.17	-860.84	-258.70
18239	-18.85	-7.27	-5.51	-264.82	18.16	-1460.17	-76.65	-956.36	-320.40
18240	-22.75	-6.17	-5.50	-27.64	258.39	-149.54	-68.66	-104.24	36.09
18241	-21.87	-6.18	-5.51	-151.34	205.94	-343.16	-84.90	-311.68	-30.23
18242	-20.99	-6.18	-5.51	-303.24	145.73	-556.30	-110.30	-594.57	-121.49
18243	-20.11	-6.18	-5.51	-348.04	83.15	-952.02	-106.85	-881.69	-223.16
18244	-19.23	-6.19	-5.52	-271.34	23.46	-1481.66	-65.35	-983.64	-277.15
18245	-23.02	-5.07	-5.50	-32.81	267.49	-150.14	-57.80	-101.86	32.28
18246	-22.15	-5.08	-5.51	-158.73	215.56	-345.69	-71.46	-313.93	-23.68
18247	-21.29	-5.08	-5.51	-314.62	156.89	-561.47	-92.72	-604.06	-100.65
18248	-20.42	-5.08	-5.51	-360.11	93.09	-962.63	-89.38	-900.44	-186.49
18249	-19.56	-5.09	-5.52	-278.75	27.66	-1501.73	-53.61	-1008.45	-232.39
18250	-23.24	-3.96	-5.50	-37.01	275.51	-150.78	-46.06	-99.90	28.59
18251	-22.38	-3.96	-5.50	-165.12	223.98	-347.82	-56.63	-315.78	-16.57
18252	-21.53	-3.96	-5.50	-324.93	166.56	-565.74	-73.38	-612.17	-78.44
18253	-20.67	-3.96	-5.51	-371.83	101.36	-971.97	-70.57	-917.06	-147.54
18254	-19.82	-3.96	-5.51	-287.09	30.30	-1520.43	-41.64	-1030.85	-185.16
18255	-22.42	-7.26	-6.90	-1.45	306.81	-362.10	-95.14	-158.84	33.51
18256	-21.53	-7.26	-6.90	-66.29	260.71	-557.84	-108.50	-396.65	-55.05
18257	-20.64	-7.26	-6.90	-111.58	216.58	-769.53	-117.79	-621.28	-148.07
18258	-19.75	-7.26	-6.90	-91.37	176.22	-1061.59	-105.19	-792.91	-232.57
18259	-18.85	-7.27	-6.90	-10.44	143.48	-1384.60	-68.61	-835.70	-277.79
18260	-22.75	-6.17	-6.90	-8.70	318.04	-364.88	-82.91	-156.34	31.05
18261	-21.87	-6.18	-6.90	-76.02	272.90	-562.98	-95.04	-400.47	-45.51
18262	-20.99	-6.18	-6.91	-123.21	229.83	-777.64	-103.13	-632.39	-126.23
18263	-20.11	-6.18	-6.91	-102.10	188.17	-1074.76	-92.06	-811.87	-200.13
18264	-19.24	-6.19	-6.91	-16.54	151.35	-1405.09	-59.82	-859.62	-240.34
18265	-23.02	-5.07	-6.90	-15.08	328.12	-367.45	-69.66	-154.26	28.60
18266	-22.15	-5.08	-6.90	-84.34	283.76	-567.57	-80.12	-403.82	-35.70
18267	-21.29	-5.08	-6.91	-133.51	241.37	-785.00	-87.09	-642.30	-103.73
18268	-20.42	-5.08	-6.91	-112.02	198.50	-1086.74	-77.77	-828.82	-166.41
18269	-19.56	-5.08	-6.91	-22.65	157.88	-1423.79	-50.36	-881.12	-201.11
18270	-23.24	-3.96	-6.90	-20.22	336.83	-369.80	-55.51	-152.56	26.16
18271	-22.38	-3.96	-6.90	-91.38	293.04	-571.60	-63.91	-406.77	-25.51
18272	-21.53	-3.96	-6.90	-142.43	251.13	-791.46	-69.60	-650.94	-80.36
18273	-20.67	-3.96	-6.90	-120.97	207.07	-1097.44	-62.25	-843.71	-131.24
18274	-19.82	-3.96	-6.90	-28.62	163.04	-1440.69	-40.24	-900.08	-160.10
18275	-22.42	-7.26	-8.30	17.46	348.51	-621.70	-105.55	-175.96	30.48
18276	-21.53	-7.26	-8.30	7.40	318.38	-757.16	-114.18	-411.76	-57.17
18277	-20.64	-7.26	-8.30	22.96	289.83	-921.73	-115.01	-593.22	-137.09
18278	-19.75	-7.26	-8.30	80.00	265.29	-1122.38	-100.68	-709.94	-203.13
18279	-18.86	-7.26	-8.30	165.51	245.31	-1322.72	-73.13	-733.63	-241.25
18280	-22.75	-6.17	-8.30	9.29	360.33	-627.00	-91.76	-173.64	28.65
18281	-21.87	-6.18	-8.30	-2.94	331.30	-764.40	-99.96	-415.73	-47.02
18282	-20.99	-6.18	-8.30	11.58	303.56	-931.67	-100.97	-603.63	-116.44
18283	-20.12	-6.18	-8.30	69.66	278.10	-1136.44	-88.76	-726.68	-174.46
18284	-19.24	-6.18	-8.30	158.34	255.59	-1342.25	-64.82	-754.67	-208.64
18285	-23.02	-5.07	-8.30	2.12	370.84	-631.95	-76.97	-171.68	26.83
18286	-22.15	-5.07	-8.30	-11.68	342.76	-771.03	-84.34	-419.19	-36.64
18287	-21.29	-5.08	-8.30	1.73	315.56	-940.77	-85.60	-612.88	-95.22
18288	-20.42	-5.08	-8.30	60.51	289.37	-1149.24	-75.60	-741.54	-144.64
18289	-19.56	-5.08	-8.30	151.89	264.65	-1359.90	-55.53	-773.38	-174.37
18290	-23.24	-3.96	-8.30	-3.64	379.86	-636.49	-61.31	-170.08	25.00
18291	-22.38	-3.96	-8.30	-18.93	352.50	-777.04	-67.52	-422.25	-25.96
18292	-21.53	-3.96	-8.30	-6.50	325.73	-948.98	-68.91	-620.93	-73.31
18293	-20.67	-3.96	-8.30	52.73	298.91	-1160.73	-61.24	-754.45	-113.65
18294	-19.82	-3.96	-8.30	146.31	272.30	-1375.64	-45.39	-789.60	-138.57
18295	17.50	-8.10	-2.70	-840.87	-201.12	-953.74	-116.82	570.02	2.61
18296	16.37	-8.10	-2.70	-680.87	-238.01	-959.83	-65.45	411.67	17.01
18297	15.24	-8.10	-2.70	-574.68	-220.65	-890.93	-33.41	297.03	-24.25
18298	14.11	-8.10	-2.70	-504.52	-198.81	-808.96	-25.00	215.58	-79.00
18299	12.98	-8.10	-2.70	-450.19	-180.16	-729.44	-23.20	163.52	-123.79
18300	11.85	-8.10	-2.70	-400.25	-165.23	-664.52	-22.20	132.62	-158.68
18301	10.73	-8.10	-2.70	-349.93	-153.14	-620.15	-20.94	114.01	-186.27
18302	9.60	-8.10	-2.70	-298.68	-143.34	-597.40	-19.62	100.55	-208.80
18303	8.47	-8.10	-2.70	-247.80	-135.37	-594.33	-18.66	87.22	-227.69
18304	7.34	-8.10	-2.70	-198.92	-128.92	-607.73	-18.54	71.11	-243.94
18305	6.21	-8.10	-2.70	-153.62	-123.87	-634.16	-19.56	50.67	-258.06
18306	5.08	-8.10	-2.70	-113.27	-120.16	-670.34	-21.89	25.18	-270.28
18307	3.95	-8.10	-2.70	-78.98	-117.78	-713.32	-25.60	-5.57	-280.67
18308	2.82	-8.10	-2.70	-51.71	-116.75	-760.57	-30.66	-41.40	-289.21
18309	1.69	-8.10	-2.70	-32.26	-117.10	-809.99	-37.00	-81.85	-295.84
18310	0.56	-8.10	-2.70	-21.30	-118.86	-859.94	-44.47	-126.24	-300.47
18311	17.23	-8.70	-2.70	-868.50	-217.74	-977.69	-90.44	539.09	24.49
18312	16.11	-8.70	-2.70	-700.47	-241.59	-968.14	-58.44	387.66	25.84
18313	15.00	-8.70	-2.70	-591.11	-221.01	-879.47	-36.87	283.44	-34.88
18314	13.89	-8.70	-2.70	-513.33	-201.85	-789.23	-30.56	212.06	-92.00
18315	12.78	-8.70	-2.70	-453.03	-185.55	-710.57	-28.49	166.17	-136.90

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
18316	11.67	-8.70	-2.70	-399.15	-172.47	-649.39	-26.73	137.01	-170.66
18317	10.56	-8.70	-2.70	-346.86	-161.51	-609.01	-24.81	117.98	-197.68
18318	9.45	-8.70	-2.70	-295.44	-152.64	-589.34	-22.85	103.14	-219.76
18319	8.34	-8.70	-2.70	-245.49	-145.32	-588.14	-21.50	88.10	-238.42
18320	7.22	-8.70	-2.70	-198.19	-139.42	-602.34	-21.17	70.49	-254.66
18321	6.11	-8.70	-2.70	-154.77	-134.86	-628.74	-22.14	48.97	-268.88
18322	5.00	-8.70	-2.70	-116.37	-131.59	-664.32	-24.54	22.86	-281.26
18323	3.89	-8.70	-2.70	-83.95	-129.60	-706.38	-28.42	-8.03	-291.83
18324	2.78	-8.70	-2.70	-58.36	-128.91	-752.60	-33.73	-43.56	-300.55
18325	1.67	-8.70	-2.70	-40.32	-129.55	-801.06	-40.36	-83.32	-307.34
18326	0.56	-8.70	-2.70	-30.42	-131.52	-850.26	-48.15	-126.70	-312.14
18327	17.50	-8.10	-4.10	-302.80	-51.00	-810.07	-77.83	421.40	-64.69
18328	16.37	-8.10	-4.10	-257.39	-93.64	-832.54	-47.99	315.25	-41.60
18329	15.24	-8.10	-4.10	-218.97	-116.74	-791.71	-16.76	230.01	-51.95
18330	14.11	-8.10	-4.10	-186.82	-122.74	-730.92	2.27	166.46	-81.47
18331	12.98	-8.10	-4.10	-158.41	-120.25	-670.54	10.61	121.21	-114.46
18332	11.85	-8.10	-4.10	-129.95	-114.83	-619.63	13.54	90.35	-143.64
18333	10.73	-8.10	-4.10	-99.64	-108.50	-583.02	14.04	69.20	-167.98
18334	9.60	-8.10	-4.10	-67.28	-102.07	-562.47	13.25	53.64	-188.11
18335	8.47	-8.10	-4.10	-33.83	-95.93	-557.58	11.51	40.05	-204.80
18336	7.34	-8.10	-4.10	-0.72	-90.33	-566.62	8.87	25.88	-218.83
18337	6.21	-8.10	-4.10	30.54	-85.44	-587.25	5.25	9.53	-230.68
18338	5.08	-8.10	-4.10	58.53	-81.38	-616.98	0.63	-9.96	-240.61
18339	3.95	-8.10	-4.10	82.00	-78.27	-653.47	-5.01	-33.06	-248.78
18340	2.82	-8.10	-4.10	99.92	-76.19	-694.60	-11.63	-59.84	-255.25
18341	1.69	-8.10	-4.10	111.42	-75.22	-738.63	-19.14	-90.11	-260.01
18342	0.56	-8.10	-4.10	115.80	-75.43	-784.17	-27.41	-123.42	-263.04
18343	17.23	-8.70	-4.10	-311.75	-49.09	-798.34	-70.18	409.12	-63.51
18344	16.11	-8.70	-4.10	-268.46	-93.70	-825.17	-42.25	303.70	-43.46
18345	15.00	-8.70	-4.10	-232.67	-118.38	-781.38	-13.89	219.72	-56.88
18346	13.89	-8.70	-4.10	-200.16	-125.29	-717.07	2.69	159.27	-89.11
18347	12.78	-8.70	-4.10	-169.20	-123.79	-656.52	9.62	118.89	-123.54
18348	11.67	-8.70	-4.10	-138.09	-119.85	-607.71	12.14	90.44	-152.46
18349	10.56	-8.70	-4.10	-105.73	-114.67	-573.75	12.54	70.35	-176.78
18350	9.45	-8.70	-4.10	-72.32	-109.24	-555.58	11.83	54.87	-196.76
18351	8.34	-8.70	-4.10	-38.70	-103.91	-552.36	10.16	40.71	-213.37
18352	7.22	-8.70	-4.10	-6.04	-99.01	-562.31	7.51	25.86	-227.45
18353	6.11	-8.70	-4.10	24.38	-94.73	-583.20	3.82	8.93	-239.41
18354	5.00	-8.70	-4.10	51.33	-91.21	-612.71	-0.96	-10.91	-249.49
18355	3.89	-8.70	-4.10	73.72	-88.56	-648.67	-6.80	-34.07	-257.81
18356	2.78	-8.70	-4.10	90.63	-86.87	-689.15	-13.68	-60.62	-264.41
18357	1.67	-8.70	-4.10	101.30	-86.23	-732.55	-21.49	-90.37	-269.30
18358	0.56	-8.70	-4.10	105.10	-86.67	-777.61	-30.07	-122.91	-272.45
18359	17.50	-8.10	-5.50	146.45	24.84	-675.10	13.90	385.82	-81.78
18360	16.37	-8.10	-5.50	146.20	-6.84	-709.78	16.36	295.39	-79.97
18361	15.24	-8.10	-5.50	144.94	-30.72	-695.78	28.20	214.97	-83.12
18362	14.11	-8.10	-5.50	145.45	-45.48	-657.40	40.21	150.51	-96.47
18363	12.98	-8.10	-5.50	149.32	-51.80	-613.44	47.47	102.30	-116.09
18364	11.85	-8.10	-5.50	157.45	-52.93	-574.44	50.08	67.34	-136.41
18365	10.73	-8.10	-5.50	169.76	-51.11	-545.52	49.66	42.04	-154.86
18366	9.60	-8.10	-5.50	185.50	-47.52	-528.82	47.27	23.31	-170.79
18367	8.47	-8.10	-5.50	203.51	-43.01	-524.61	43.52	8.24	-184.19
18368	7.34	-8.10	-5.50	222.36	-38.12	-532.02	38.69	-5.37	-195.42
18369	6.21	-8.10	-5.50	240.63	-33.23	-549.46	32.93	-19.15	-204.77
18370	5.08	-8.10	-5.50	256.95	-28.65	-575.14	26.34	-34.21	-212.44
18371	3.95	-8.10	-5.50	270.11	-24.56	-607.19	18.99	-51.26	-218.57
18372	2.82	-8.10	-5.50	279.07	-21.14	-643.95	10.95	-70.64	-223.25
18373	1.69	-8.10	-5.50	282.99	-18.51	-683.98	2.34	-92.42	-226.51
18374	0.56	-8.10	-5.50	281.22	-16.75	-726.19	-6.70	-116.40	-228.37
18375	17.23	-8.70	-5.50	120.54	19.68	-658.47	18.81	371.62	-89.41
18376	16.11	-8.70	-5.50	124.41	-7.91	-694.57	20.18	285.90	-87.20
18377	15.00	-8.70	-5.50	125.36	-31.12	-682.88	30.93	207.47	-89.78
18378	13.89	-8.70	-5.50	127.25	-46.37	-645.65	42.20	143.65	-103.33
18379	12.78	-8.70	-5.50	132.96	-53.08	-602.80	48.44	98.50	-123.90
18380	11.67	-8.70	-5.50	143.11	-55.36	-565.63	50.51	65.58	-143.92
18381	10.56	-8.70	-5.50	157.25	-54.66	-538.75	49.83	41.71	-162.35
18382	9.45	-8.70	-5.50	174.32	-52.13	-523.87	47.34	23.73	-178.12
18383	8.34	-8.70	-5.50	193.04	-48.58	-521.05	43.54	8.78	-191.39
18384	7.22	-8.70	-5.50	212.12	-44.53	-529.28	38.63	-4.97	-202.63
18385	6.11	-8.70	-5.50	230.26	-40.40	-547.08	32.75	-18.94	-212.03
18386	5.00	-8.70	-5.50	246.23	-36.47	-572.70	26.00	-34.14	-219.79
18387	3.89	-8.70	-5.50	258.95	-32.95	-604.46	18.44	-51.20	-226.03
18388	2.78	-8.70	-5.50	267.49	-29.99	-640.81	10.16	-70.40	-230.80
18389	1.67	-8.70	-5.50	271.09	-27.73	-680.44	1.29	-91.81	-234.16
18390	0.56	-8.70	-5.50	269.18	-26.23	-722.34	-8.04	-115.26	-236.12
18391	17.50	-8.10	-6.90	516.80	68.61	-560.44	106.22	378.09	-74.25
18392	16.37	-8.10	-6.90	496.90	48.54	-593.15	97.40	297.47	-88.46
18393	15.24	-8.10	-6.90	479.57	32.16	-593.82	94.51	220.55	-97.74
18394	14.11	-8.10	-6.90	465.36	20.31	-574.86	95.13	153.57	-107.52
18395	12.98	-8.10	-6.90	455.25	13.76	-548.14	95.49	99.99	-119.78
18396	11.85	-8.10	-6.90	450.03	11.35	-522.55	93.91	59.21	-132.88
18397	10.73	-8.10	-6.90	449.35	11.95	-503.34	90.47	28.77	-145.35
18398	9.60	-8.10	-6.90	452.37	14.77	-492.97	85.43	6.21	-156.49
18399	8.47	-8.10	-6.90	457.96	19.01	-492.24	79.16	-11.00	-166.03
18400	7.34	-8.10	-6.90	464.88	24.11	-500.81	71.93	-24.91	-174.06
18401	6.21	-8.10	-6.90	471.87	29.65	-517.72	63.94	-37.17	-180.72
18402	5.08	-8.10	-6.90	477.76	35.29	-541.67	55.32	-49.05	-186.10
18403	3.95	-8.10	-6.90	481.51	40.78	-571.30	46.18	-61.45	-190.31
18404	2.82	-8.10	-6.90	482.21	45.93	-605.31	36.63	-74.96	-193.42
18405	1.69	-8.10	-6.90	479.11	50.57	-642.60	26.81	-89.89	-195.47
18406	0.56	-8.10	-6.90	471.65	54.62	-682.33	16.83	-106.31	-196.52
18407	17.23	-8.70	-6.90	478.43	65.23	-546.15	114.31	361.16	-82.01
18408	16.11	-8.70	-6.90	464.08	47.69	-577.83	103.26	285.23	-96.82
18409	15.00	-8.70	-6.90	451.37	32.44	-580.32	99.06	211.96	-105.20
18410	13.89	-8.70	-6.90	440.50	20.75	-563.83	98.94	146.34	-114.65
18411	12.78	-8.70	-6.90	433.22	14.21	-539.33	98.36	95.65	-127.46
18412	11.67	-8.70	-6.90	430.25	10.93	-515.91	96.23	56.78	-140.10
18413	10.56	-8.70	-6.90	431.52	10.55	-498.63	92.43	27.91	-152.45
18414	9.45	-8.70	-6.90	436.12	12.34	-489.84	87.15	6.43	-163.32

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
18415	8.34	-8.70	-6.90	442.80	15.56	-490.28	80.75	-10.30	-172.62
18416	7.22	-8.70	-6.90	450.41	19.73	-499.58	73.39	-24.04	-180.55
18417	6.11	-8.70	-6.90	457.80	24.42	-516.82	65.24	-36.28	-187.17
18418	5.00	-8.70	-6.90	463.91	29.31	-540.79	56.44	-48.18	-192.57
18419	3.89	-8.70	-6.90	467.75	34.15	-570.24	47.09	-60.57	-196.82
18420	2.78	-8.70	-6.90	468.53	38.75	-603.97	37.32	-73.99	-199.98
18421	1.67	-8.70	-6.90	465.57	42.97	-640.99	27.24	-88.73	-202.12
18422	0.56	-8.70	-6.90	458.37	46.72	-680.52	17.01	-104.85	-203.27
18423	17.50	-8.10	-8.30	836.41	104.57	-461.17	195.55	378.93	-59.79
18424	16.37	-8.10	-8.30	808.37	92.42	-486.17	181.07	300.92	-82.87
18425	15.24	-8.10	-8.30	786.46	83.27	-492.57	169.85	225.66	-97.78
18426	14.11	-8.10	-8.30	768.47	77.08	-486.71	161.54	157.80	-108.58
18427	12.98	-8.10	-8.30	753.72	74.43	-475.10	154.17	101.17	-118.26
18428	11.85	-8.10	-8.30	742.45	74.54	-463.37	146.51	56.43	-127.15
18429	10.73	-8.10	-8.30	734.36	76.91	-455.52	138.27	22.27	-135.16
18430	9.60	-8.10	-8.30	728.91	81.20	-453.73	129.24	-3.13	-142.19
18431	8.47	-8.10	-8.30	725.33	86.83	-458.95	119.51	-21.93	-148.14
18432	7.34	-8.10	-8.30	722.74	93.37	-471.18	109.24	-36.05	-153.11
18433	6.21	-8.10	-8.30	720.29	100.50	-489.87	98.54	-47.12	-157.18
18434	5.08	-8.10	-8.30	717.12	107.90	-514.17	87.52	-56.49	-160.42
18435	3.95	-8.10	-8.30	712.47	115.35	-543.12	76.30	-65.21	-162.88
18436	2.82	-8.10	-8.30	705.65	122.64	-575.79	64.97	-74.06	-164.64
18437	1.69	-8.10	-8.30	696.10	129.64	-611.38	53.63	-83.56	-165.74
18438	0.56	-8.10	-8.30	683.37	136.24	-649.27	42.41	-94.00	-166.24
18439	17.23	-8.70	-8.30	788.39	103.96	-448.31	207.10	359.38	-66.99
18440	16.11	-8.70	-8.30	767.68	93.43	-472.98	189.86	285.88	-90.78
18441	15.00	-8.70	-8.30	751.21	84.78	-480.90	177.08	214.88	-104.92
18442	13.89	-8.70	-8.30	737.29	78.67	-477.35	167.87	149.30	-115.47
18443	12.78	-8.70	-8.30	726.06	76.10	-468.01	159.41	96.12	-125.70
18444	11.67	-8.70	-8.30	717.42	75.42	-458.46	151.11	53.59	-134.17
18445	10.56	-8.70	-8.30	711.57	76.90	-452.40	142.39	21.24	-142.07
18446	9.45	-8.70	-8.30	707.98	80.21	-452.00	132.99	-2.84	-148.79
18447	8.34	-8.70	-8.30	705.84	84.80	-458.19	123.02	-20.94	-154.43
18448	7.22	-8.70	-8.30	704.37	90.37	-471.01	112.53	-34.71	-159.22
18449	6.11	-8.70	-8.30	702.78	96.58	-489.96	101.61	-45.64	-163.18
18450	5.00	-8.70	-8.30	700.30	103.16	-514.28	90.36	-54.99	-166.36
18451	3.89	-8.70	-8.30	696.22	109.88	-543.07	78.89	-63.75	-168.82
18452	2.78	-8.70	-8.30	689.94	116.56	-575.51	67.30	-72.62	-170.61
18453	1.67	-8.70	-8.30	680.93	123.06	-610.87	55.70	-82.09	-171.79
18454	0.56	-8.70	-8.30	668.81	129.27	-648.58	44.21	-92.45	-172.42
18455	22.14	-8.10	-2.70	-554.15	538.22	1324.41	-7.56	1479.52	-301.08
18456	21.23	-8.10	-2.70	-709.76	481.88	596.20	-209.16	813.90	-14.15
18457	20.33	-8.10	-2.70	-848.25	278.13	115.12	-287.65	663.31	-10.30
18458	19.42	-8.10	-2.70	-977.23	112.67	-256.17	-262.87	659.99	9.38
18459	18.52	-8.10	-2.70	-1045.22	-63.13	-681.74	-189.09	722.06	-33.01
18460	21.91	-8.70	-2.70	-447.31	580.77	1360.80	105.33	1458.43	488.36
18461	20.99	-8.70	-2.70	-658.12	478.42	636.66	-3.46	748.60	171.48
18462	20.07	-8.70	-2.70	-804.54	232.46	106.82	-73.40	605.44	39.11
18463	19.16	-8.70	-2.70	-940.62	80.99	-302.53	-47.61	583.93	-59.57
18464	18.24	-8.70	-2.70	-1042.18	-82.05	-721.71	-63.05	649.97	-79.31
18465	22.14	-8.10	-4.10	-114.04	279.19	1036.69	9.82	1458.68	-165.43
18466	21.23	-8.10	-4.10	-165.54	324.58	528.77	-44.14	765.92	198.71
18467	20.33	-8.10	-4.10	-290.28	239.48	100.40	-73.05	578.77	69.82
18468	19.42	-8.10	-4.10	-378.97	139.38	-265.46	-61.29	557.54	-25.45
18469	18.52	-8.10	-4.10	-364.15	26.39	-613.18	-66.87	533.12	-87.89
18470	21.91	-8.70	-4.10	-3.65	254.39	1080.37	-5.20	1464.06	662.01
18471	20.99	-8.70	-4.10	-143.47	259.50	514.06	-30.87	733.72	263.40
18472	20.07	-8.70	-4.10	-274.84	198.62	74.20	-47.25	562.37	86.35
18473	19.16	-8.70	-4.10	-368.68	118.14	-277.04	-49.76	533.06	-42.61
18474	18.24	-8.70	-4.10	-367.37	27.62	-603.03	-67.77	510.69	-94.65
18475	22.14	-8.10	-5.50	331.80	368.94	947.19	-39.96	1438.08	10.57
18476	21.23	-8.10	-5.50	263.69	292.38	507.55	29.22	763.46	326.02
18477	20.33	-8.10	-5.50	201.92	193.45	89.12	54.82	595.35	126.36
18478	19.42	-8.10	-5.50	154.53	128.56	-263.14	52.26	544.01	3.18
18479	18.52	-8.10	-5.50	141.42	69.28	-532.26	29.81	480.77	-68.42
18480	21.91	-8.70	-5.50	479.53	359.68	957.39	108.43	1419.69	765.04
18481	20.99	-8.70	-5.50	284.74	218.99	472.59	86.07	714.04	366.44
18482	20.07	-8.70	-5.50	195.41	164.35	58.84	91.11	570.40	146.74
18483	19.16	-8.70	-5.50	133.15	108.78	-270.92	70.76	520.56	-1.92
18484	18.24	-8.70	-5.50	114.18	57.06	-521.62	39.90	461.03	-76.34
18485	22.14	-8.10	-6.90	846.78	474.58	983.44	-87.56	1316.61	125.76
18486	21.23	-8.10	-6.90	738.98	326.24	506.53	82.03	667.93	395.58
18487	20.33	-8.10	-6.90	684.14	195.85	62.30	146.85	553.75	173.64
18488	19.42	-8.10	-6.90	605.20	141.85	-256.05	148.45	526.10	42.66
18489	18.52	-8.10	-6.90	547.05	98.17	-458.25	126.13	462.31	-39.87
18490	21.91	-8.70	-6.90	1059.99	517.09	993.58	221.19	1298.20	804.97
18491	20.99	-8.70	-6.90	749.61	231.75	450.55	174.71	630.29	412.16
18492	20.07	-8.70	-6.90	645.65	173.33	29.71	198.96	545.78	185.30
18493	19.16	-8.70	-6.90	558.34	127.40	-262.73	172.61	511.48	37.40
18494	18.24	-8.70	-6.90	503.95	91.40	-449.94	139.04	444.42	-46.85
18495	22.14	-8.10	-8.30	1588.31	642.85	1119.80	-95.39	1020.78	216.83
18496	21.23	-8.10	-8.30	1378.50	360.14	467.88	154.34	508.96	414.67
18497	20.33	-8.10	-8.30	1161.78	202.39	-15.61	239.18	536.61	199.22
18498	19.42	-8.10	-8.30	985.65	157.06	-255.83	242.13	534.12	72.71
18499	18.52	-8.10	-8.30	886.19	124.37	-392.69	218.07	463.83	-14.81
18500	21.91	-8.70	-8.30	1829.83	700.47	1125.29	406.52	1058.20	801.29
18501	20.99	-8.70	-8.30	1324.52	250.55	388.35	292.64	520.90	421.37
18502	20.07	-8.70	-8.30	1072.62	189.42	-36.30	310.45	542.79	210.73
18503	19.16	-8.70	-8.30	912.59	148.77	-254.63	273.53	520.31	70.04
18504	18.24	-8.70	-8.30	828.66	121.85	-382.83	235.74	444.15	-20.44
18505	-0.56	-8.10	-2.70	-19.34	-122.12	-909.27	-52.92	-173.69	-303.01
18506	-1.69	-8.10	-2.70	-26.73	-127.00	-957.34	-62.12	-223.24	-303.40
18507	-2.82	-8.10	-2.70	-43.68	-133.56	-1004.04	-71.84	-273.77	-301.60
18508	-3.95	-8.10	-2.70	-70.22	-141.93	-1049.86	-81.84	-324.13	-297.63
18509	-5.08	-8.10	-2.70	-106.25	-152.28	-1095.86	-91.88	-373.20	-291.59
18510	-6.21	-8.10	-2.70	-151.58	-164.84	-1143.69	-101.76	-420.01	-283.62
18511	-7.34	-8.10	-2.70	-206.02	-179.93	-1195.61	-111.31	-463.76	-273.98
18512	-8.47	-8.10	-2.70	-269.51	-197.99	-1254.47	-120.49	-503.99	-263.00
18513	-9.60	-8.10	-2.70	-342.32	-219.58	-1323.73	-129.38	-540.60	-251.11

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
18514	-10.73	-8.10	-2.70	-425.42	-245.63	-1407.66	-138.32	-574.00	-238.81
18515	-11.85	-8.10	-2.70	-520.82	-277.54	-1511.65	-147.78	-605.24	-226.69
18516	-12.98	-8.10	-2.70	-632.75	-317.16	-1643.22	-158.56	-636.07	-215.38
18517	-14.11	-8.10	-2.70	-768.96	-368.06	-1814.88	-172.19	-669.49	-205.95
18518	-15.24	-8.10	-2.70	-943.31	-435.11	-2047.52	-190.12	-709.77	-200.15
18519	-16.37	-8.10	-2.70	-1183.49	-531.98	-2419.60	-212.54	-767.11	-205.78
18520	-17.50	-8.10	-2.70	-1572.10	-639.73	-2668.54	-267.20	-1038.50	-320.25
18521	-0.56	-8.70	-2.70	-29.17	-134.92	-899.14	-56.96	-172.86	-314.81
18522	-1.67	-8.70	-2.70	-36.95	-139.89	-947.17	-66.54	-220.97	-315.29
18523	-2.78	-8.70	-2.70	-53.88	-146.44	-994.26	-76.67	-269.99	-313.59
18524	-3.89	-8.70	-2.70	-80.02	-154.73	-1040.86	-87.12	-318.85	-309.72
18525	-5.00	-8.70	-2.70	-115.31	-164.92	-1088.01	-97.65	-366.55	-303.76
18526	-6.11	-8.70	-2.70	-159.61	-177.26	-1137.26	-108.05	-412.18	-295.88
18527	-7.22	-8.70	-2.70	-212.80	-192.07	-1190.74	-118.19	-455.04	-286.33
18528	-8.34	-8.70	-2.70	-274.89	-209.80	-1251.14	-128.03	-494.71	-275.46
18529	-9.45	-8.70	-2.70	-346.23	-231.04	-1321.76	-137.64	-531.10	-263.70
18530	-10.56	-8.70	-2.70	-427.88	-256.57	-1406.69	-147.34	-564.56	-251.52
18531	-11.67	-8.70	-2.70	-521.97	-288.19	-1511.22	-157.92	-596.09	-239.48
18532	-12.78	-8.70	-2.70	-632.25	-327.36	-1642.59	-169.71	-627.34	-228.38
18533	-13.89	-8.70	-2.70	-766.75	-377.81	-1813.09	-184.39	-660.94	-218.46
18534	-15.00	-8.70	-2.70	-939.71	-444.39	-2043.71	-204.05	-702.20	-213.15
18535	-16.11	-8.70	-2.70	-1175.16	-539.26	-2409.53	-228.25	-760.39	-218.17
18536	-17.23	-8.70	-2.70	-1552.58	-645.15	-2640.52	-290.16	-1029.94	-347.27
18537	-0.56	-8.10	-4.10	112.55	-76.92	-830.31	-36.33	-159.12	-264.29
18538	-1.69	-8.10	-4.10	101.35	-79.78	-876.55	-45.66	-196.49	-263.73
18539	-2.82	-8.10	-4.10	82.04	-84.06	-922.88	-55.20	-234.65	-261.35
18540	-3.95	-8.10	-4.10	54.66	-89.85	-969.78	-64.72	-272.67	-257.17
18541	-5.08	-8.10	-4.10	19.42	-97.24	-1018.23	-73.99	-309.62	-251.25
18542	-6.21	-8.10	-4.10	-23.35	-106.35	-1069.71	-82.77	-344.65	-243.69
18543	-7.34	-8.10	-4.10	-73.20	-117.29	-1126.21	-90.84	-376.98	-234.63
18544	-8.47	-8.10	-4.10	-129.59	-130.21	-1190.19	-98.00	-406.01	-224.28
18545	-9.60	-8.10	-4.10	-191.96	-145.21	-1264.64	-104.02	-431.32	-212.92
18546	-10.73	-8.10	-4.10	-259.70	-162.39	-1353.17	-108.72	-452.78	-200.89
18547	-11.85	-8.10	-4.10	-331.89	-181.85	-1460.22	-111.71	-470.73	-188.72
18548	-12.98	-8.10	-4.10	-406.99	-203.17	-1591.49	-112.04	-486.52	-177.41
18549	-14.11	-8.10	-4.10	-481.09	-224.91	-1753.99	-107.84	-504.54	-169.76
18550	-15.24	-8.10	-4.10	-544.10	-242.86	-1955.54	-94.86	-538.22	-174.33
18551	-16.37	-8.10	-4.10	-569.81	-242.00	-2150.41	-68.28	-641.77	-218.16
18552	-17.50	-8.10	-4.10	-559.28	-206.20	-2136.91	-50.10	-877.97	-326.28
18553	-0.56	-8.70	-4.10	101.55	-88.29	-823.49	-39.32	-157.61	-273.78
18554	-1.67	-8.70	-4.10	90.29	-91.22	-869.78	-48.99	-193.86	-273.27
18555	-2.78	-8.70	-4.10	71.28	-95.45	-916.48	-58.90	-230.84	-270.94
18556	-3.89	-8.70	-4.10	44.53	-101.08	-964.05	-68.81	-267.67	-266.80
18557	-5.00	-8.70	-4.10	10.21	-108.21	-1013.44	-78.48	-303.52	-260.89
18558	-6.11	-8.70	-4.10	-31.37	-116.95	-1066.03	-87.67	-337.56	-253.33
18559	-7.22	-8.70	-4.10	-79.82	-127.42	-1123.69	-96.16	-369.11	-244.25
18560	-8.34	-8.70	-4.10	-134.64	-139.72	-1188.76	-103.73	-397.58	-233.88
18561	-9.45	-8.70	-4.10	-195.32	-153.99	-1264.08	-110.16	-422.59	-222.50
18562	-10.56	-8.70	-4.10	-261.29	-170.13	-1353.08	-115.17	-444.01	-210.48
18563	-11.67	-8.70	-4.10	-331.67	-188.39	-1460.06	-118.54	-462.17	-198.37
18564	-12.78	-8.70	-4.10	-404.70	-208.16	-1590.38	-118.99	-478.46	-187.42
18565	-13.89	-8.70	-4.10	-476.61	-227.90	-1750.60	-114.64	-497.20	-179.82
18566	-15.00	-8.70	-4.10	-537.42	-242.95	-1947.55	-101.17	-533.64	-186.10
18567	-16.11	-8.70	-4.10	-561.49	-237.76	-2132.15	-73.50	-638.37	-235.18
18568	-17.23	-8.70	-4.10	-553.02	-200.51	-2111.32	-54.50	-865.82	-350.07
18569	-0.56	-8.10	-5.50	273.27	-15.97	-769.84	-16.06	-142.21	-228.81
18570	-1.69	-8.10	-5.50	258.89	-16.25	-814.60	-25.51	-169.40	-227.86
18571	-2.82	-8.10	-5.50	238.00	-17.60	-860.55	-34.84	-197.34	-225.54
18572	-3.95	-8.10	-5.50	210.75	-20.04	-908.18	-43.83	-225.40	-221.90
18573	-5.08	-8.10	-5.50	177.51	-23.57	-958.44	-52.20	-252.93	-217.03
18574	-6.21	-8.10	-5.50	138.86	-28.18	-1012.66	-59.67	-279.33	-211.04
18575	-7.34	-8.10	-5.50	95.61	-33.78	-1072.61	-65.91	-304.14	-204.16
18576	-8.47	-8.10	-5.50	48.91	-40.22	-1140.41	-70.56	-327.07	-196.66
18577	-9.60	-8.10	-5.50	0.26	-47.18	-1218.49	-73.19	-348.17	-189.01
18578	-10.73	-8.10	-5.50	-48.27	-54.16	-1309.46	-73.26	-368.10	-181.94
18579	-11.85	-8.10	-5.50	-93.65	-60.40	-1415.84	-70.06	-388.68	-176.69
18580	-12.98	-8.10	-5.50	-131.48	-64.53	-1539.05	-62.47	-414.26	-175.59
18581	-14.11	-8.10	-5.50	-155.62	-63.91	-1676.19	-49.33	-454.57	-183.64
18582	-15.24	-8.10	-5.50	-159.73	-54.58	-1806.82	-31.57	-528.93	-210.25
18583	-16.37	-8.10	-5.50	-152.55	-35.47	-1871.35	-19.24	-657.15	-261.99
18584	-17.50	-8.10	-5.50	-172.20	-13.83	-1788.09	-32.24	-818.67	-323.53
18585	-0.56	-8.70	-5.50	261.34	-25.60	-765.87	-17.67	-140.36	-236.64
18586	-1.67	-8.70	-5.50	247.23	-25.91	-810.75	-27.38	-166.76	-235.75
18587	-2.78	-8.70	-5.50	226.91	-27.15	-857.06	-37.01	-193.86	-233.50
18588	-3.89	-8.70	-5.50	200.53	-29.35	-905.27	-46.28	-221.07	-229.93
18589	-5.00	-8.70	-5.50	168.42	-32.51	-956.28	-54.91	-247.80	-225.12
18590	-6.11	-8.70	-5.50	131.14	-36.59	-1011.36	-62.62	-273.51	-219.23
18591	-7.22	-8.70	-5.50	89.49	-41.49	-1072.15	-69.06	-297.77	-212.45
18592	-8.34	-8.70	-5.50	44.54	-47.03	-1140.62	-73.86	-320.36	-205.11
18593	-9.45	-8.70	-5.50	-2.25	-52.91	-1219.04	-76.55	-341.37	-197.74
18594	-10.56	-8.70	-5.50	-48.88	-58.49	-1309.79	-76.58	-361.48	-191.12
18595	-11.67	-8.70	-5.50	-92.37	-63.07	-1415.07	-73.26	-382.54	-186.62
18596	-12.78	-8.70	-5.50	-128.52	-65.37	-1535.88	-65.42	-408.86	-186.77
18597	-13.89	-8.70	-5.50	-151.52	-62.84	-1668.80	-51.96	-449.88	-195.92
18598	-15.00	-8.70	-5.50	-155.46	-51.43	-1792.54	-33.75	-525.79	-225.50
18599	-16.11	-8.70	-5.50	-150.31	-31.64	-1849.48	-21.71	-650.63	-281.18
18600	-17.23	-8.70	-5.50	-170.87	-12.62	-1765.52	-35.93	-803.71	-344.80
18601	-0.56	-8.10	-6.90	459.42	57.98	-723.96	6.84	-124.13	-196.58
18602	-1.69	-8.10	-6.90	442.22	60.58	-767.27	-2.97	-143.17	-195.73
18603	-2.82	-8.10	-6.90	420.05	62.43	-812.41	-12.39	-163.11	-194.03
18604	-3.95	-8.10	-6.90	393.14	63.54	-859.87	-21.20	-183.63	-191.59
18605	-5.08	-8.10	-6.90	361.95	63.97	-910.50	-29.14	-204.44	-188.57
18606	-6.21	-8.10	-6.90	327.19	63.82	-965.47	-35.89	-225.33	-185.16
18607	-7.34	-8.10	-6.90	289.88	63.26	-1026.18	-41.14	-246.29	-181.68
18608	-8.47	-8.10	-6.90	251.39	62.57	-1094.23	-44.51	-267.59	-178.57
18609	-9.60	-8.10	-6.90	213.49	62.17	-1171.14	-45.62	-289.99	-176.47
18610	-10.73	-8.10	-6.90	178.45	62.63	-1257.97	-44.11	-315.07	-176.32
18611	-11.85	-8.10	-6.90	148.98	64.66	-1354.52	-39.72	-345.74	-179.58
18612	-12.98	-8.10	-6.90	127.84	69.20	-1457.55	-32.49	-387.07	-188.38

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
18613	-14.11	-8.10	-6.90	116.26	77.41	-1556.77	-23.66	-446.83	-205.94
18614	-15.24	-8.10	-6.90	110.01	89.42	-1629.92	-17.49	-531.50	-234.54
18615	-16.37	-8.10	-6.90	96.84	103.28	-1645.21	-20.95	-636.67	-269.60
18616	-17.50	-8.10	-6.90	63.92	117.52	-1576.41	-38.46	-741.37	-298.99
18617	-0.56	-8.70	-6.90	446.60	49.89	-722.08	6.78	-122.25	-203.45
18618	-1.67	-8.70	-6.90	429.96	52.43	-765.51	-3.25	-140.83	-202.71
18619	-2.78	-8.70	-6.90	408.60	54.39	-810.95	-12.91	-160.28	-201.17
18620	-3.89	-8.70	-6.90	382.75	55.75	-858.87	-21.93	-180.31	-198.92
18621	-5.00	-8.70	-6.90	352.84	56.58	-910.04	-30.05	-200.67	-196.12
18622	-6.11	-8.70	-6.90	319.57	56.99	-965.56	-36.95	-221.21	-193.00
18623	-7.22	-8.70	-6.90	283.91	57.17	-1026.72	-42.28	-241.93	-189.88
18624	-8.34	-8.70	-6.90	247.19	57.40	-1094.93	-45.69	-263.16	-187.25
18625	-9.45	-8.70	-6.90	211.09	58.07	-1171.51	-46.79	-285.67	-185.82
18626	-10.56	-8.70	-6.90	177.73	59.79	-1257.23	-45.21	-311.00	-186.59
18627	-11.67	-8.70	-6.90	149.74	63.17	-1351.58	-40.78	-341.99	-191.04
18628	-12.78	-8.70	-6.90	129.56	68.89	-1451.05	-33.55	-383.48	-201.36
18629	-13.89	-8.70	-6.90	118.15	78.02	-1545.35	-24.79	-442.68	-220.05
18630	-15.00	-8.70	-6.90	111.14	90.38	-1612.87	-18.96	-526.53	-250.74
18631	-16.11	-8.70	-6.90	97.19	103.28	-1624.45	-23.16	-627.23	-287.84
18632	-17.23	-8.70	-6.90	65.45	115.47	-1557.12	-41.21	-726.40	-317.93
18633	-0.56	-8.10	-8.30	667.15	142.34	-689.09	31.42	-105.53	-166.20
18634	-1.69	-8.10	-8.30	647.27	147.89	-730.74	20.83	-118.21	-165.73
18635	-2.82	-8.10	-8.30	623.75	152.90	-774.37	10.79	-132.03	-164.94
18636	-3.95	-8.10	-8.30	596.82	157.37	-820.43	1.48	-146.97	-163.99
18637	-5.08	-8.10	-8.30	566.90	161.35	-869.62	-6.87	-163.07	-163.10
18638	-6.21	-8.10	-8.30	534.64	164.94	-922.82	-14.01	-180.52	-162.53
18639	-7.34	-8.10	-8.30	500.93	168.28	-981.05	-19.70	-199.73	-162.65
18640	-8.47	-8.10	-8.30	466.92	171.61	-1045.26	-23.71	-221.41	-163.93
18641	-9.60	-8.10	-8.30	434.02	175.20	-1116.02	-25.85	-246.74	-166.99
18642	-10.73	-8.10	-8.30	403.71	179.41	-1193.05	-26.11	-277.54	-172.57
18643	-11.85	-8.10	-8.30	377.36	184.59	-1274.33	-24.78	-316.41	-181.59
18644	-12.98	-8.10	-8.30	355.37	191.00	-1354.81	-22.68	-366.60	-194.98
18645	-14.11	-8.10	-8.30	335.97	198.69	-1424.80	-21.66	-430.89	-213.36
18646	-15.24	-8.10	-8.30	314.51	207.21	-1470.17	-24.60	-508.11	-235.61
18647	-16.37	-8.10	-8.30	284.78	215.92	-1475.82	-34.16	-590.54	-256.80
18648	-17.50	-8.10	-8.30	241.89	224.70	-1431.40	-51.15	-664.96	-270.08
18649	-0.56	-8.70	-8.30	653.34	135.10	-688.32	32.98	-103.83	-172.54
18650	-1.67	-8.70	-8.30	634.24	140.52	-730.03	22.16	-116.36	-172.26
18651	-2.78	-8.70	-8.30	611.69	145.54	-773.83	11.88	-130.01	-171.72
18652	-3.89	-8.70	-8.30	585.92	150.15	-820.16	2.36	-144.80	-171.10
18653	-5.00	-8.70	-8.30	557.33	154.42	-869.63	-6.18	-160.79	-170.59
18654	-6.11	-8.70	-8.30	526.54	158.44	-923.06	-13.48	-178.19	-170.50
18655	-7.22	-8.70	-8.30	494.42	162.35	-981.33	-19.30	-197.42	-171.20
18656	-8.34	-8.70	-8.30	462.05	166.36	-1045.21	-23.41	-219.18	-173.20
18657	-9.45	-8.70	-8.30	430.73	170.72	-1115.07	-25.66	-244.63	-177.13
18658	-10.56	-8.70	-8.30	401.82	175.76	-1190.40	-26.05	-275.44	-183.77
18659	-11.67	-8.70	-8.30	376.58	181.67	-1269.00	-24.95	-314.06	-193.93
18660	-12.78	-8.70	-8.30	355.30	188.59	-1345.85	-23.15	-363.51	-208.54
18661	-13.89	-8.70	-8.30	336.07	196.46	-1411.73	-22.48	-426.08	-227.53
18662	-15.00	-8.70	-8.30	314.41	204.69	-1453.47	-25.99	-501.54	-250.96
18663	-16.11	-8.70	-8.30	285.29	212.42	-1457.41	-36.23	-580.18	-273.38
18664	-17.23	-8.70	-8.30	244.30	219.78	-1414.56	-53.67	-650.93	-286.86
18665	-18.52	-8.10	-2.70	-1893.90	-557.67	-1460.63	-373.12	-1305.33	-492.60
18666	-19.42	-8.10	-2.70	-726.64	-93.68	-81.79	-93.88	-311.74	-100.16
18667	-20.33	-8.10	-2.70	-250.75	21.89	-64.61	13.68	-112.01	-21.81
18668	-21.23	-8.10	-2.70	-57.44	70.20	-27.28	25.38	-21.42	11.13
18669	-22.14	-8.10	-2.70	-1.35	79.35	2.78	-1.66	12.12	28.65
18670	-18.24	-8.70	-2.70	-1851.82	-568.31	-1444.79	-401.29	-1273.84	-527.37
18671	-19.16	-8.70	-2.70	-726.51	-100.18	-89.20	-106.79	-312.90	-109.66
18672	-20.07	-8.70	-2.70	-257.26	23.07	-64.13	11.02	-112.25	-22.79
18673	-20.99	-8.70	-2.70	-61.98	70.12	-27.59	25.68	-21.95	12.42
18674	-21.91	-8.70	-2.70	-2.27	75.45	2.67	-1.83	11.86	31.56
18675	-18.52	-8.10	-4.10	-652.68	-151.03	-1521.54	-119.70	-1113.08	-423.56
18676	-19.42	-8.10	-4.10	-713.11	-71.38	-666.90	-187.73	-837.00	-287.12
18677	-20.33	-8.10	-4.10	-396.63	56.65	-246.69	-115.32	-393.17	-101.62
18678	-21.23	-8.10	-4.10	-162.71	122.19	-147.96	-65.82	-159.62	-8.16
18679	-22.14	-8.10	-4.10	-25.17	165.28	-25.58	-53.11	-35.32	47.52
18680	-18.24	-8.70	-4.10	-644.60	-153.57	-1506.25	-130.14	-1089.15	-453.96
18681	-19.16	-8.70	-4.10	-696.96	-79.61	-665.10	-201.39	-823.31	-310.17
18682	-20.07	-8.70	-4.10	-391.00	50.82	-247.67	-123.67	-391.56	-110.83
18683	-20.99	-8.70	-4.10	-160.36	118.19	-147.19	-70.09	-160.15	-10.51
18684	-21.91	-8.70	-4.10	-22.30	161.49	-25.09	-55.40	-36.52	49.77
18685	-18.52	-8.10	-5.50	-258.95	13.61	-1441.58	-85.48	-932.53	-353.41
18686	-19.42	-8.10	-5.50	-324.10	62.56	-931.41	-135.41	-842.84	-285.67
18687	-20.33	-8.10	-5.50	-279.84	122.98	-546.55	-138.17	-575.41	-157.19
18688	-21.23	-8.10	-5.50	-135.51	186.78	-337.98	-105.44	-307.19	-41.55
18689	-22.14	-8.10	-5.50	-16.54	240.89	-148.05	-84.93	-109.38	43.12
18690	-18.24	-8.70	-5.50	-253.40	10.30	-1426.77	-91.09	-913.05	-375.99
18691	-19.16	-8.70	-5.50	-314.48	54.90	-925.25	-143.75	-828.31	-305.25
18692	-20.07	-8.70	-5.50	-270.59	114.48	-544.54	-146.50	-569.06	-168.84
18693	-20.99	-8.70	-5.50	-129.85	179.25	-336.96	-111.63	-306.38	-45.80
18694	-21.91	-8.70	-5.50	-11.47	235.01	-147.16	-88.98	-110.62	45.59
18695	-18.52	-8.10	-6.90	-5.00	137.16	-1367.09	-75.04	-815.04	-305.83
18696	-19.42	-8.10	-6.90	-81.99	166.45	-1050.64	-114.68	-776.61	-256.79
18697	-20.33	-8.10	-6.90	-101.40	205.55	-763.03	-128.43	-611.93	-164.41
18698	-21.23	-8.10	-6.90	-57.55	250.54	-553.71	-118.06	-393.48	-62.12
18699	-22.14	-8.10	-6.90	5.23	298.03	-359.67	-103.22	-160.86	36.14
18700	-18.24	-8.70	-6.90	-0.46	132.15	-1353.29	-79.25	-798.50	-325.39
18701	-19.16	-8.70	-6.90	-74.39	158.70	-1042.46	-121.02	-763.61	-274.30
18702	-20.07	-8.70	-6.90	-93.29	196.88	-758.54	-135.68	-604.67	-176.48
18703	-20.99	-8.70	-6.90	-50.72	242.04	-551.02	-124.92	-391.30	-68.03
18704	-21.91	-8.70	-6.90	11.63	291.35	-357.69	-108.49	-161.81	38.02
18705	-18.52	-8.10	-8.30	171.73	236.72	-1306.05	-79.06	-715.53	-265.55
18706	-19.42	-8.10	-8.30	88.93	254.64	-1110.51	-109.20	-695.61	-224.47
18707	-20.33	-8.10	-8.30	32.78	278.27	-913.48	-125.19	-584.40	-152.55
18708	-21.23	-8.10	-8.30	16.65	307.44	-751.15	-124.40	-408.35	-64.72
18709	-22.14	-8.10	-8.30	25.01	339.12	-617.23	-114.83	-177.79	32.61
18710	-18.24	-8.70	-8.30	176.64	230.04	-1293.03	-82.75	-701.22	-282.43
18711	-19.16	-8.70	-8.30	95.91	246.29	-1101.41	-114.74	-684.30	-239.74

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
18712	-20.07	-8.70	-8.30	40.43	269.31	-907.29	-131.99	-577.51	-163.80
18713	-20.99	-8.70	-8.30	23.73	298.38	-746.80	-131.73	-405.83	-70.86
18714	-21.91	-8.70	-8.30	32.24	331.95	-613.71	-120.98	-178.51	34.22
18715	21.43	-9.79	-2.70	-246.20	652.99	722.16	-2.95	703.40	915.12
18716	20.51	-9.75	-2.70	-585.46	458.84	300.63	-125.75	375.25	293.46
18717	19.60	-9.70	-2.70	-728.59	236.06	43.54	-111.25	307.56	60.74
18718	18.68	-9.66	-2.70	-864.17	68.90	-147.72	-64.30	304.77	-96.20
18719	17.76	-9.62	-2.70	-1158.29	-94.73	-615.27	-46.28	557.59	-145.48
18720	20.65	-11.34	-2.70	-281.07	-82.56	-0.19	-259.54	96.61	222.69
18721	19.75	-11.21	-2.70	-547.23	65.41	-14.40	-365.10	83.14	85.75
18722	18.85	-11.08	-2.70	-683.17	89.21	-22.09	-319.10	82.51	23.89
18723	17.95	-10.95	-2.70	-828.00	58.53	-18.84	-230.73	123.90	-23.23
18724	17.06	-10.82	-2.70	-1236.98	-69.47	-517.58	-89.70	506.78	-139.04
18725	19.76	-12.83	-2.70	-270.45	-241.60	23.14	-300.05	91.02	141.37
18726	18.89	-12.62	-2.70	-490.28	-82.50	1.61	-388.29	53.31	54.12
18727	18.01	-12.41	-2.70	-638.87	-4.49	-16.07	-356.05	64.55	14.70
18728	17.14	-12.19	-2.70	-807.48	-1.42	-28.89	-252.06	116.72	-38.34
18729	16.27	-11.98	-2.70	-1194.65	-112.63	-509.39	-68.93	471.40	-185.21
18730	18.76	-14.25	-2.70	-308.72	-287.63	8.18	-330.44	69.33	101.20
18731	17.92	-13.96	-2.70	-485.81	-137.31	-3.81	-382.99	44.89	40.70
18732	17.08	-13.67	-2.70	-619.17	-59.68	-16.88	-350.92	55.54	4.19
18733	16.24	-13.37	-2.70	-774.69	-51.15	-26.58	-244.89	102.39	-49.50
18734	15.40	-13.08	-2.70	-1118.66	-165.79	-479.45	-40.49	421.87	-215.89
18735	17.66	-15.59	-2.70	-352.51	-291.86	8.31	-347.25	57.57	74.28
18736	16.86	-15.22	-2.70	-497.79	-158.97	-2.82	-374.32	37.59	28.92
18737	16.06	-14.85	-2.70	-608.96	-90.79	-15.48	-336.88	47.37	-4.32
18738	15.26	-14.48	-2.70	-739.24	-90.02	-24.51	-228.40	88.18	-57.20
18739	14.46	-14.11	-2.70	-1028.86	-222.98	-453.36	-13.34	372.62	-241.91
18740	16.47	-16.85	-2.70	-397.10	-274.41	7.18	-352.78	46.03	53.18
18741	15.71	-16.41	-2.70	-513.07	-161.95	-2.69	-361.74	29.49	18.53
18742	14.95	-15.97	-2.70	-600.19	-107.68	-14.47	-319.32	38.23	-11.68
18743	14.20	-15.53	-2.70	-700.70	-121.81	-22.51	-210.44	74.27	-63.47
18744	13.44	-15.08	-2.70	-933.67	-282.83	-431.62	5.98	324.72	-265.59
18745	15.18	-18.02	-2.70	-437.74	-243.95	6.81	-347.19	34.06	36.07
18746	14.48	-17.51	-2.70	-525.81	-153.17	-2.52	-344.50	20.74	9.57
18747	13.77	-17.00	-2.70	-588.89	-115.41	-13.85	-299.95	28.83	-18.14
18748	13.07	-16.49	-2.70	-659.64	-148.71	-21.05	-194.23	61.14	-69.17
18749	12.37	-15.98	-2.70	-840.09	-344.65	-417.70	15.13	280.64	-288.75
18750	13.81	-19.09	-2.70	-471.49	-206.33	6.34	-331.06	21.73	22.50
18751	13.17	-18.52	-2.70	-533.45	-137.01	-2.68	-322.80	11.81	2.27
18752	12.52	-17.94	-2.70	-574.00	-116.88	-13.73	-279.80	19.67	-23.68
18753	11.88	-17.37	-2.70	-617.49	-171.81	-20.31	-181.28	49.20	-74.74
18754	11.23	-16.80	-2.70	-751.28	-407.19	-411.82	13.90	239.18	-314.27
18755	12.37	-20.05	-2.70	-496.29	-166.03	5.86	-305.81	9.49	12.27
18756	11.79	-19.42	-2.70	-534.95	-116.63	-3.08	-297.42	3.15	-3.27
18757	11.20	-18.79	-2.70	-555.76	-113.96	-14.07	-259.67	11.06	-28.34
18758	10.62	-18.17	-2.70	-575.79	-191.52	-20.28	-172.13	38.39	-80.61
18759	10.04	-17.54	-2.70	-670.53	-468.95	-413.79	2.03	199.98	-341.46
18760	10.86	-20.91	-2.70	-511.00	-126.52	5.37	-273.43	-2.22	5.14
18761	10.35	-20.23	-2.70	-530.15	-94.43	-3.69	-269.47	-4.94	-7.13
18762	9.83	-19.55	-2.70	-534.87	-108.03	-14.82	-240.17	3.14	-32.22
18763	9.32	-18.87	-2.70	-536.00	-208.17	-20.87	-166.93	28.58	-86.85
18764	8.80	-18.19	-2.70	-600.52	-529.09	-423.97	-19.68	162.55	-371.32
18765	9.29	-21.65	-2.70	-515.25	-90.31	4.91	-236.19	-13.03	0.79
18766	8.85	-20.93	-2.70	-519.41	-72.16	-4.46	-240.11	-12.26	-9.49
18767	8.41	-20.20	-2.70	-512.20	-100.09	-15.95	-221.75	-4.05	-35.46
18768	7.96	-19.48	-2.70	-499.45	-222.00	-22.03	-165.57	19.54	-93.68
18769	7.52	-18.76	-2.70	-543.18	-586.48	-442.00	-50.24	125.91	-404.09
18770	7.67	-22.28	-2.70	-509.31	-59.04	4.49	-196.38	-22.67	-1.16
18771	7.30	-21.52	-2.70	-503.35	-51.00	-5.36	-210.43	-18.69	-10.58
18772	6.94	-20.76	-2.70	-488.66	-90.84	-17.40	-204.71	-10.56	-38.21
18773	6.57	-19.99	-2.70	-467.27	-233.06	-23.71	-167.73	10.92	-101.19
18774	6.20	-19.23	-2.70	-499.87	-640.05	-467.34	-88.39	88.97	-439.71
18775	6.01	-22.78	-2.70	-493.96	-33.54	4.12	-156.17	-30.92	-1.11
18776	5.72	-21.99	-2.70	-482.82	-31.64	-6.38	-181.37	-24.19	-10.64
18777	5.43	-21.20	-2.70	-465.12	-80.72	-19.15	-189.16	-16.46	-40.61
18778	5.14	-20.41	-2.70	-440.31	-241.33	-25.86	-172.89	2.36	-109.39
18779	4.86	-19.62	-2.70	-471.46	-688.77	-499.28	-132.71	50.67	-477.80
18780	4.32	-23.17	-2.70	-470.44	-13.97	3.78	-117.41	-37.65	0.55
18781	4.11	-22.35	-2.70	-458.76	-14.43	-7.50	-153.66	-28.70	-9.89
18782	3.90	-21.54	-2.70	-442.32	-70.02	-21.14	-175.06	-21.86	-42.75
18783	3.69	-20.72	-2.70	-419.22	-246.73	-28.40	-180.41	-6.47	-118.17
18784	3.49	-19.90	-2.70	-458.36	-731.74	-537.04	-181.62	9.99	-517.71
18785	2.60	-23.42	-2.70	-440.29	-0.02	3.49	-81.62	-42.76	3.46
18786	2.47	-22.59	-2.70	-432.22	0.55	-8.68	-127.82	-32.23	-8.53
18787	2.35	-21.76	-2.70	-420.93	-58.94	-23.35	-162.23	-26.83	-44.70
18788	2.22	-20.93	-2.70	-404.38	-249.26	-31.29	-189.56	-15.86	-127.38
18789	2.10	-20.10	-2.70	-460.58	-768.20	-579.72	-233.54	-33.93	-558.56
18790	0.87	-23.55	-2.70	-405.21	8.97	3.27	-49.92	-46.26	7.23
18791	0.83	-22.71	-2.70	-404.20	13.36	-9.90	-104.20	-34.82	-6.75
18792	0.78	-21.87	-2.70	-401.44	-47.68	-25.70	-150.44	-31.52	-46.47
18793	0.74	-21.03	-2.70	-395.99	-248.94	-34.46	-199.56	-26.07	-136.78
18794	0.70	-20.20	-2.70	-477.82	-797.67	-626.58	-286.80	-81.60	-599.52
18795	21.43	-9.79	-4.10	30.49	268.51	764.04	132.61	908.51	1093.62
18796	20.51	-9.75	-4.10	-140.91	191.44	323.77	39.05	563.87	375.15
18797	19.60	-9.70	-4.10	-282.85	129.73	20.32	3.38	450.45	91.43
18798	18.68	-9.66	-4.10	-399.22	59.70	-260.73	-15.93	468.14	-69.20
18799	17.76	-9.62	-4.10	-386.23	11.08	-578.42	-57.16	481.24	-119.66
18800	20.65	-11.34	-4.10	-29.13	158.87	262.38	48.69	363.93	663.20
18801	19.75	-11.21	-4.10	-174.86	119.35	78.07	-16.81	317.78	291.17
18802	18.85	-11.08	-4.10	-313.20	67.63	-35.83	-37.36	296.06	70.39
18803	17.95	-10.95	-4.10	-443.66	7.54	-225.44	-28.20	377.06	-79.66
18804	17.06	-10.82	-4.10	-419.28	-19.35	-540.68	-53.04	437.01	-146.76
18805	19.76	-12.83	-4.10	-97.35	-44.92	58.43	-71.10	251.03	372.69
18806	18.89	-12.62	-4.10	-233.60	-1.77	-10.88	-110.30	201.49	167.59
18807	18.01	-12.41	-4.10	-354.84	4.63	-57.93	-97.48	219.00	32.92
18808	17.14	-12.19	-4.10	-470.74	-22.46	-208.92	-55.49	321.67	-94.45
18809	16.27	-11.98	-4.10	-441.26	-37.48	-511.47	-55.70	392.87	-172.64
18810	18.76	-14.25	-4.10	-145.92	-134.79	38.04	-139.75	198.07	255.24

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
18811	17.92	-13.96	-4.10	-269.03	-69.74	-18.19	-157.31	164.21	111.99
18812	17.08	-13.67	-4.10	-377.03	-44.26	-58.81	-125.81	185.14	2.19
18813	16.24	-13.37	-4.10	-475.54	-61.40	-200.96	-65.95	282.27	-121.89
18814	15.40	-13.08	-4.10	-443.15	-66.10	-486.41	-55.58	346.96	-203.44
18815	17.66	-15.59	-4.10	-192.13	-168.87	26.69	-179.73	162.33	179.26
18816	16.86	-15.22	-4.10	-297.25	-104.57	-20.09	-180.18	135.72	70.77
18817	16.06	-14.85	-4.10	-386.70	-79.33	-56.38	-138.13	156.32	-24.72
18818	15.26	-14.48	-4.10	-466.32	-96.65	-189.86	-70.18	243.13	-145.93
18819	14.46	-14.11	-4.10	-432.17	-93.90	-459.59	-53.97	300.99	-227.45
18820	16.47	-16.85	-4.10	-232.44	-173.54	23.86	-200.89	130.21	122.52
18821	15.71	-16.41	-4.10	-318.32	-119.33	-19.12	-189.75	108.51	37.00
18822	14.95	-15.97	-4.10	-388.46	-102.16	-53.30	-141.90	127.82	-47.84
18823	14.20	-15.53	-4.10	-449.12	-125.79	-180.37	-70.80	205.41	-166.53
18824	13.44	-15.08	-4.10	-412.98	-119.54	-437.93	-51.75	257.45	-248.51
18825	15.18	-18.02	-4.10	-267.14	-161.69	21.84	-208.19	98.03	77.54
18826	14.48	-17.51	-4.10	-333.43	-121.20	-18.85	-190.01	81.30	9.01
18827	13.77	-17.00	-4.10	-384.63	-115.88	-51.57	-140.08	100.05	-67.72
18828	13.07	-16.49	-4.10	-427.17	-149.79	-174.16	-69.51	170.10	-185.21
18829	12.37	-15.98	-4.10	-388.96	-142.96	-423.87	-50.23	217.79	-267.84
18830	13.81	-19.09	-4.10	-295.27	-140.70	19.83	-204.37	65.68	42.11
18831	13.17	-18.52	-4.10	-342.84	-115.13	-19.70	-183.20	54.61	-13.65
18832	12.52	-17.94	-4.10	-376.38	-123.54	-51.56	-134.47	73.73	-84.78
18833	11.88	-17.37	-4.10	-402.47	-170.25	-171.92	-67.58	137.72	-203.04
18834	11.23	-16.80	-4.10	-362.53	-164.26	-418.32	-50.15	181.35	-288.23
18835	12.37	-20.05	-4.10	-315.85	-115.63	17.45	-191.60	33.97	15.22
18836	11.79	-19.42	-4.10	-346.56	-104.82	-21.72	-171.07	29.14	-31.38
18837	11.20	-18.79	-4.10	-364.50	-127.59	-53.27	-126.44	49.32	-99.43
18838	10.62	-18.17	-4.10	-376.50	-188.36	-173.65	-66.03	108.11	-220.90
18839	10.04	-17.54	-4.10	-335.72	-183.86	-421.34	-52.12	147.62	-309.85
18840	10.86	-20.91	-4.10	-328.10	-90.06	14.85	-172.02	3.83	-4.02
18841	10.35	-20.23	-4.10	-344.59	-92.95	-24.72	-155.21	5.44	-44.67
18842	9.83	-19.55	-4.10	-349.61	-129.86	-56.53	-117.18	26.94	-112.15
18843	9.32	-18.87	-4.10	-350.39	-205.14	-179.24	-65.62	80.88	-239.31
18844	8.80	-18.19	-4.10	-310.02	-201.80	-432.84	-56.51	116.03	-333.31
18845	9.29	-21.65	-4.10	-331.68	-66.47	12.13	-147.84	-24.00	-16.53
18846	8.85	-20.93	-4.10	-337.14	-81.42	-28.54	-137.15	-16.16	-54.14
18847	8.41	-20.20	-4.10	-332.28	-131.67	-61.16	-107.75	6.50	-123.40
18848	7.96	-19.48	-4.10	-325.05	-221.21	-188.46	-66.99	55.43	-258.72
18849	7.52	-18.76	-4.10	-286.65	-218.10	-452.40	-63.46	85.67	-358.98
18850	7.67	-22.28	-4.10	-326.72	-46.45	9.38	-121.19	-48.93	-23.29
18851	7.30	-21.52	-4.10	-324.59	-71.45	-33.04	-118.35	-35.50	-60.44
18852	6.94	-20.76	-4.10	-313.12	-133.82	-67.03	-99.10	-12.25	-133.65
18853	6.57	-19.99	-4.10	-301.30	-236.87	-201.02	-70.64	30.95	-279.42
18854	6.20	-19.23	-4.10	-266.63	-232.62	-479.40	-72.90	55.51	-386.92
18855	6.01	-22.78	-4.10	-313.78	-30.78	6.61	-94.09	-70.56	-25.27
18856	5.72	-21.99	-4.10	-307.58	-63.68	-38.16	-100.10	-52.54	-64.19
18857	5.43	-21.20	-4.10	-292.84	-136.66	-73.98	-92.03	-29.64	-143.22
18858	5.14	-20.41	-4.10	-279.92	-252.07	-216.60	-76.92	6.62	-301.41
18859	4.86	-19.62	-4.10	-250.73	-245.16	-513.08	-84.56	24.54	-416.90
18860	4.32	-23.17	-4.10	-293.84	-19.65	3.83	-68.30	-88.61	-23.41
18861	4.11	-22.35	-4.10	-286.98	-58.24	-43.81	-83.49	-67.29	-65.96
18862	3.90	-21.54	-4.10	-272.23	-140.19	-81.90	-87.15	-46.02	-152.32
18863	3.69	-20.72	-4.10	-261.64	-266.54	-234.80	-85.99	-18.36	-324.52
18864	3.49	-19.90	-4.10	-239.56	-255.52	-552.61	-98.04	-8.16	-448.50
18865	2.60	-23.42	-4.10	-268.23	-12.71	1.12	-45.27	-102.94	-18.60
18866	2.47	-22.59	-4.10	-263.84	-54.94	-49.85	-69.36	-79.82	-66.21
18867	2.35	-21.76	-4.10	-252.17	-144.14	-90.58	-84.86	-61.73	-161.05
18868	2.22	-20.93	-4.10	-247.19	-279.85	-255.23	-97.80	-44.69	-348.35
18869	2.10	-20.10	-4.10	-233.51	-263.53	-597.13	-112.84	-43.38	-481.05
18870	0.87	-23.55	-4.10	-238.49	-9.28	-1.40	-26.09	-113.62	-11.67
18871	0.83	-22.71	-4.10	-239.32	-53.32	-56.09	-58.30	-90.34	-65.31
18872	0.78	-21.87	-4.10	-233.57	-148.07	-99.82	-85.35	-77.16	-169.35
18873	0.74	-21.03	-4.10	-237.20	-291.49	-277.47	-112.16	-73.00	-372.40
18874	0.70	-20.20	-4.10	-232.76	-269.03	-645.86	-128.39	-81.69	-513.88
18875	21.43	-9.79	-5.50	298.68	367.24	735.04	267.08	918.44	1113.20
18876	20.51	-9.75	-5.50	218.95	185.79	322.74	169.78	608.08	425.43
18877	19.60	-9.70	-5.50	134.44	133.10	-8.18	126.25	508.82	142.24
18878	18.68	-9.66	-5.50	78.33	86.42	-279.07	84.89	478.65	-15.68
18879	17.76	-9.62	-5.50	65.71	44.90	-504.47	46.80	431.12	-89.49
18880	20.65	-11.34	-5.50	62.53	219.46	355.19	142.51	471.54	764.15
18881	19.75	-11.21	-5.50	89.56	155.30	113.63	156.69	451.94	367.97
18882	18.85	-11.08	-5.50	31.65	93.70	-81.57	119.49	418.23	110.63
18883	17.95	-10.95	-5.50	-4.47	57.01	-278.98	81.26	417.99	-41.94
18884	17.06	-10.82	-5.50	3.36	30.12	-480.78	46.28	388.22	-113.76
18885	19.76	-12.83	-5.50	19.12	96.56	135.20	57.38	377.58	515.79
18886	18.89	-12.62	-5.50	-19.55	85.18	-2.58	68.69	340.44	251.08
18887	18.01	-12.41	-5.50	-61.10	55.47	-114.06	69.90	342.07	61.56
18888	17.14	-12.19	-5.50	-75.99	30.39	-269.30	57.52	361.67	-71.95
18889	16.27	-11.98	-5.50	-47.69	13.76	-456.71	37.29	343.75	-141.48
18890	18.76	-14.25	-5.50	-33.36	-1.70	58.55	-10.94	299.79	348.91
18891	17.92	-13.96	-5.50	-79.40	16.85	-34.64	2.37	276.40	161.83
18892	17.08	-13.67	-5.50	-119.66	13.04	-119.97	23.68	286.27	12.77
18893	16.24	-13.37	-5.50	-121.97	4.11	-257.29	32.81	311.30	-104.79
18894	15.40	-13.08	-5.50	-83.20	-3.49	-433.73	25.97	298.24	-169.92
18895	17.66	-15.59	-5.50	-71.26	-52.42	38.82	-55.36	245.80	240.53
18896	16.86	-15.22	-5.50	-117.06	-26.49	-39.42	-37.37	226.92	95.79
18897	16.06	-14.85	-5.50	-150.68	-21.37	-116.03	-5.98	239.09	-30.20
18898	15.26	-14.48	-5.50	-146.63	-22.16	-244.96	14.33	263.83	-136.88
18899	14.46	-14.11	-5.50	-103.94	-22.32	-413.17	16.26	254.02	-195.69
18900	16.47	-16.85	-5.50	-103.07	-74.15	31.08	-81.79	196.81	158.60
18901	15.71	-16.41	-5.50	-141.35	-50.63	-39.73	-59.83	181.79	41.99
18902	14.95	-15.97	-5.50	-166.46	-46.04	-111.63	-23.70	194.74	-67.43
18903	14.20	-15.53	-5.50	-157.12	-44.38	-234.64	1.80	218.84	-165.10
18904	13.44	-15.08	-5.50	-113.25	-39.60	-396.93	8.73	212.50	-218.65
18905	15.18	-18.02	-5.50	-128.62	-78.36	26.56	-95.21	149.08	94.22
18906	14.48	-17.51	-5.50	-157.22	-61.72	-40.53	-70.91	138.61	-1.90
18907	13.77	-17.00	-5.50	-172.94	-62.35	-109.66	-33.30	152.90	-99.03
18908	13.07	-16.49	-5.50	-158.68	-61.94	-228.74	-6.08	177.13	-189.96
18909	12.37	-15.98	-5.50	-114.56	-54.92	-387.54	3.09	174.93	-239.05



Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
18910	13.81	-19.09	-5.50	-148.27	-72.62	21.55	-98.75	102.11	43.83
18911	13.17	-18.52	-5.50	-166.74	-64.63	-43.54	-74.03	97.38	-37.20
18912	12.52	-17.94	-5.50	-173.25	-72.79	-111.09	-37.32	113.95	-125.72
18913	11.88	-17.37	-5.50	-154.40	-75.81	-228.12	-10.75	139.10	-212.40
18914	11.23	-16.80	-5.50	-110.53	-67.99	-385.81	-1.38	140.80	-259.10
18915	12.37	-20.05	-5.50	-161.72	-61.86	15.50	-94.79	56.76	5.57
18916	11.79	-19.42	-5.50	-170.80	-63.00	-48.84	-71.50	58.63	-64.95
18917	11.20	-18.79	-5.50	-169.00	-79.70	-115.90	-37.59	78.14	-148.34
18918	10.62	-18.17	-5.50	-146.20	-87.18	-232.85	-13.45	104.52	-233.44
18919	10.04	-17.54	-5.50	-102.99	-79.34	-391.90	-5.32	109.50	-279.08
18920	10.86	-20.91	-5.50	-168.68	-49.42	8.54	-85.38	14.04	-22.08
18921	10.35	-20.23	-5.50	-169.81	-59.47	-56.16	-65.13	22.82	-86.21
18922	9.83	-19.55	-5.50	-161.08	-84.91	-123.84	-35.62	45.43	-167.79
18923	9.32	-18.87	-5.50	-135.32	-97.10	-242.70	-15.25	72.94	-253.80
18924	8.80	-18.19	-5.50	-93.36	-89.33	-405.60	-9.45	80.54	-299.55
18925	9.29	-21.65	-5.50	-169.02	-37.52	0.93	-72.41	-25.22	-40.57
18926	8.85	-20.93	-5.50	-164.03	-55.83	-65.19	-56.54	-9.82	-102.03
18927	8.41	-20.20	-5.50	-150.10	-89.74	-134.57	-32.67	15.56	-184.84
18928	7.96	-19.48	-5.50	-122.65	-106.32	-257.33	-17.07	43.72	-274.11
18929	7.52	-18.76	-5.50	-82.77	-98.13	-426.49	-14.25	53.14	-321.00
18930	7.67	-22.28	-5.50	-162.85	-27.52	-7.17	-57.64	-60.42	-51.37
18931	7.30	-21.52	-5.50	-153.81	-53.23	-75.69	-47.15	-39.23	-113.46
18932	6.94	-20.76	-5.50	-136.64	-94.96	-147.81	-29.89	-11.89	-200.23
18933	6.57	-19.99	-5.50	-108.97	-115.24	-276.31	-19.68	16.06	-294.82
18934	6.20	-19.23	-5.50	-72.13	-105.83	-453.98	-20.04	26.45	-343.65
18935	6.01	-22.78	-5.50	-150.60	-20.12	-15.70	-42.72	-91.15	-55.85
18936	5.72	-21.99	-5.50	-139.66	-52.20	-87.51	-38.25	-65.48	-121.41
18937	5.43	-21.20	-5.50	-121.29	-100.91	-163.30	-28.23	-37.42	-214.50
18938	5.14	-20.41	-5.50	-95.00	-123.99	-299.20	-23.64	-10.86	-316.15
18939	4.86	-19.62	-5.50	-62.22	-112.43	-487.40	-26.97	-0.41	-367.51
18940	4.32	-23.17	-5.50	-133.02	-15.45	-24.61	-29.08	-117.12	-55.26
18941	4.11	-22.35	-5.50	-122.29	-52.82	-100.51	-30.89	-88.67	-126.67
18942	3.90	-21.54	-5.50	-104.80	-107.54	-180.75	-28.44	-61.53	-227.99
18943	3.69	-20.72	-5.50	-81.46	-132.43	-325.51	-29.35	-37.85	-338.08
18944	3.49	-19.90	-5.50	-53.68	-117.81	-526.00	-35.04	-28.24	-392.35
18945	2.60	-23.42	-5.50	-111.18	-13.22	-33.72	-17.90	-138.17	-50.79
18946	2.47	-22.59	-5.50	-102.65	-54.80	-114.40	-25.92	-108.93	-129.85
18947	2.35	-21.76	-5.50	-88.02	-114.51	-199.80	-31.04	-84.67	-240.84
18948	2.22	-20.93	-5.50	-69.08	-140.27	-354.70	-37.03	-65.59	-360.38
18949	2.10	-20.10	-5.50	-47.05	-121.81	-569.02	-44.15	-57.73	-417.78
18950	0.87	-23.55	-5.50	-86.46	-12.82	-42.60	-10.06	-154.40	-43.49
18951	0.83	-22.71	-5.50	-81.91	-57.62	-128.70	-23.93	-126.58	-131.39
18952	0.78	-21.87	-5.50	-71.94	-121.28	-219.97	-36.38	-107.37	-252.99
18953	0.74	-21.03	-5.50	-58.60	-147.08	-386.19	-46.71	-94.78	-382.61
18954	0.70	-20.20	-5.50	-42.74	-124.27	-615.71	-54.10	-89.48	-443.27
18955	21.43	-9.79	-6.90	616.93	528.75	732.62	465.41	866.61	1108.97
18956	20.51	-9.75	-6.90	580.87	219.98	304.36	313.86	585.07	443.22
18957	19.60	-9.70	-6.90	518.30	157.53	-31.99	249.74	520.57	179.54
18958	18.68	-9.66	-6.90	462.55	114.81	-269.82	196.02	482.21	25.48
18959	17.76	-9.62	-6.90	432.54	83.60	-435.60	149.95	415.99	-60.83
18960	20.65	-11.34	-6.90	131.57	308.94	351.71	219.36	500.15	782.62
18961	19.75	-11.21	-6.90	313.63	228.72	111.23	293.33	506.73	397.38
18962	18.85	-11.08	-6.90	335.78	146.05	-99.32	245.77	467.94	150.83
18963	17.95	-10.95	-6.90	331.98	103.30	-272.02	194.10	431.46	-0.25
18964	17.06	-10.82	-6.90	340.47	76.14	-414.90	149.19	372.23	-84.71
18965	19.76	-12.83	-6.90	94.34	185.54	155.85	134.22	439.63	570.21
18966	18.89	-12.62	-6.90	148.47	165.15	-2.07	189.01	422.49	295.27
18967	18.01	-12.41	-6.90	194.75	122.19	-131.81	192.09	400.93	97.85
18968	17.14	-12.19	-6.90	225.90	88.32	-265.77	166.78	374.86	-36.11
18969	16.27	-11.98	-6.90	263.64	67.57	-394.64	136.19	325.31	-113.21
18970	18.76	-14.25	-6.90	51.72	100.09	65.29	79.94	363.30	403.87
18971	17.92	-13.96	-6.90	79.89	102.09	-41.45	118.31	350.13	197.64
18972	17.08	-13.67	-6.90	111.10	85.59	-139.76	137.05	336.32	39.28
18973	16.24	-13.37	-6.90	153.69	68.08	-255.28	134.54	318.76	-75.42
18974	15.40	-13.08	-6.90	205.96	55.76	-376.33	118.50	277.48	-143.42
18975	17.66	-15.59	-6.90	25.45	44.28	35.08	40.41	299.23	277.16
18976	16.86	-15.22	-6.90	39.68	55.02	-51.97	72.77	286.50	114.77
18977	16.06	-14.85	-6.90	65.83	52.48	-137.74	98.01	277.57	-15.22
18978	15.26	-14.48	-6.90	109.17	46.67	-245.10	107.28	265.52	-113.39
18979	14.46	-14.11	-6.90	166.25	42.48	-361.44	101.73	231.74	-170.97
18980	16.47	-16.85	-6.90	4.96	13.01	23.73	14.71	239.57	179.36
18981	15.71	-16.41	-6.90	16.35	24.89	-55.08	44.52	228.88	46.96
18982	14.95	-15.97	-6.90	40.61	27.08	-135.29	72.14	223.54	-62.45
18983	14.20	-15.53	-6.90	83.33	27.42	-238.12	86.84	216.12	-147.27
18984	13.44	-15.08	-6.90	140.71	29.45	-351.50	87.37	189.39	-196.13
18985	15.18	-18.02	-6.90	-9.85	-2.61	15.69	-0.67	181.63	102.33
18986	14.48	-17.51	-6.90	2.50	6.59	-59.09	27.48	174.92	-8.04
18987	13.77	-17.00	-6.90	27.28	8.76	-136.12	55.23	173.72	-102.08
18988	13.07	-16.49	-6.90	69.24	11.60	-236.07	71.94	171.02	-176.70
18989	12.37	-15.98	-6.90	125.40	17.56	-347.80	75.51	151.48	-218.11
18990	13.81	-19.09	-6.90	-19.75	-8.96	6.54	-8.51	125.42	42.44
18991	13.17	-18.52	-6.90	-4.85	-4.07	-66.08	17.78	124.34	-51.86
18992	12.52	-17.94	-6.90	21.39	-4.28	-141.26	44.30	128.02	-134.91
18993	11.88	-17.37	-6.90	62.79	-1.10	-239.65	61.03	130.29	-202.29
18994	11.23	-16.80	-6.90	117.07	7.57	-350.93	65.69	117.49	-238.70
18995	12.37	-20.05	-6.90	-25.03	-10.24	-4.67	-11.01	71.80	-2.82
18996	11.79	-19.42	-6.90	-7.28	-10.23	-76.32	12.98	77.36	-86.14
18997	11.20	-18.79	-6.90	20.65	-13.90	-150.70	37.32	86.38	-162.07
18998	10.62	-18.17	-6.90	61.56	-11.46	-248.84	52.84	93.55	-225.09
18999	10.04	-17.54	-6.90	113.71	-1.01	-360.95	57.39	86.70	-258.14
19000	10.86	-20.91	-6.90	-25.78	-9.17	-17.76	-9.89	21.70	-35.55
19001	10.35	-20.23	-6.90	-5.56	-14.09	-89.46	11.30	34.23	-112.41
19002	9.83	-19.55	-6.90	23.81	-21.59	-164.09	32.75	48.55	-184.75
19003	9.32	-18.87	-6.90	64.07	-20.35	-263.34	46.24	60.25	-245.96
19004	8.80	-18.19	-6.90	113.89	-8.41	-377.60	49.86	58.58	-277.04
19005	9.29	-21.65	-6.90	-22.11	-7.47	-32.35	-6.62	-24.11	-57.67
19006	8.85	-20.93	-6.90	-0.14	-17.14	-105.08	11.34	-4.98	-132.13
19007	8.41	-20.20	-6.90	30.10	-28.45	-181.00	29.36	14.15	-204.04
19008	7.96	-19.48	-6.90	69.33	-28.36	-282.74	40.28	29.72	-265.67

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
19009	7.52	-18.76	-6.90	116.51	-14.81	-400.46	42.52	32.41	-295.96
19010	7.67	-22.28	-6.90	-14.18	-6.18	-48.17	-2.48	-65.14	-70.97
19011	7.30	-21.52	-6.90	8.62	-20.27	-122.86	11.88	-40.34	-146.63
19012	6.94	-20.76	-6.90	38.94	-35.12	-201.05	26.10	-17.31	-220.88
19013	6.57	-19.99	-6.90	76.57	-35.85	-306.57	34.21	1.21	-284.86
19014	6.20	-19.23	-6.90	120.67	-20.30	-429.00	34.94	7.39	-315.27
19015	6.01	-22.78	-6.90	-2.32	-5.78	-65.14	1.36	-101.08	-77.12
19016	5.72	-21.99	-6.90	20.30	-23.90	-142.62	11.90	-72.06	-157.06
19017	5.43	-21.20	-6.90	49.78	-41.88	-223.94	22.14	-46.41	-236.01
19018	5.14	-20.41	-6.90	85.12	-42.95	-334.36	27.43	-26.06	-303.92
19019	4.86	-19.62	-6.90	125.65	-24.88	-462.60	26.84	-17.26	-335.13
19020	4.32	-23.17	-6.90	13.00	-6.35	-83.24	3.91	-131.67	-77.60
19021	4.11	-22.35	-6.90	34.39	-28.07	-164.21	10.57	-100.31	-164.42
19022	3.90	-21.54	-6.90	62.03	-48.70	-249.34	16.84	-73.64	-249.96
19023	3.69	-20.72	-6.90	94.32	-49.58	-365.63	19.53	-52.81	-323.04
19024	3.49	-19.90	-6.90	130.81	-28.49	-500.65	18.07	-42.28	-355.51
19025	2.60	-23.42	-6.90	31.03	-7.62	-102.17	4.40	-156.63	-73.71
19026	2.47	-22.59	-6.90	50.16	-32.47	-187.26	7.32	-125.15	-169.38
19027	2.35	-21.76	-6.90	74.95	-55.27	-276.80	9.77	-99.45	-262.96
19028	2.22	-20.93	-6.90	103.49	-55.47	-399.82	10.28	-79.69	-342.12
19029	2.10	-20.10	-6.90	135.59	-30.96	-542.48	8.61	-68.31	-376.17
19030	0.87	-23.55	-6.90	50.55	-9.12	-120.99	2.22	-175.93	-66.59
19031	0.83	-22.71	-6.90	66.49	-36.63	-210.90	1.72	-146.84	-172.38
19032	0.78	-21.87	-6.90	87.59	-61.10	-305.61	0.68	-124.32	-274.97
19033	0.74	-21.03	-6.90	111.90	-60.24	-436.27	-0.42	-107.34	-360.84
19034	0.70	-20.20	-6.90	139.50	-32.09	-587.42	-1.51	-95.94	-396.74
19035	21.43	-9.79	-8.30	1015.65	718.67	768.20	713.13	764.09	1067.64
19036	20.51	-9.75	-8.30	975.67	264.37	245.31	479.22	545.34	444.16
19037	19.60	-9.70	-8.30	857.53	189.97	-69.39	372.44	532.74	208.64
19038	18.68	-9.66	-8.30	778.62	147.71	-250.63	302.75	490.39	60.27
19039	17.76	-9.62	-8.30	737.21	120.64	-367.48	250.58	412.15	-33.20
19040	20.65	-11.34	-8.30	186.48	400.35	306.71	289.48	499.99	766.89
19041	19.75	-11.21	-8.30	507.37	310.40	85.01	422.70	525.90	412.27
19042	18.85	-11.08	-8.30	583.38	200.87	-103.71	362.39	490.05	183.32
19043	17.95	-10.95	-8.30	605.65	150.22	-242.90	301.54	436.87	34.75
19044	17.06	-10.82	-8.30	622.10	121.60	-347.25	251.16	363.50	-57.12
19045	19.76	-12.83	-8.30	150.53	261.51	134.10	192.71	455.37	580.36
19046	18.89	-12.62	-8.30	280.34	241.25	-3.11	285.66	452.79	320.17
19047	18.01	-12.41	-8.30	400.50	187.24	-123.16	299.33	421.99	128.72
19048	17.14	-12.19	-8.30	473.26	144.46	-234.27	271.30	375.45	-4.01
19049	16.27	-11.98	-8.30	527.63	119.41	-329.97	236.59	312.30	-86.67
19050	18.76	-14.25	-8.30	118.35	179.98	54.64	150.41	386.05	424.60
19051	17.92	-13.96	-8.30	211.70	177.93	-36.92	212.23	378.25	220.10
19052	17.08	-13.67	-8.30	302.03	154.13	-129.84	238.49	351.92	64.12
19053	16.24	-13.37	-8.30	385.25	129.85	-225.87	234.92	314.38	-47.66
19054	15.40	-13.08	-8.30	456.34	112.49	-316.75	215.57	261.45	-118.37
19055	17.66	-15.59	-8.30	106.27	126.08	23.70	119.55	320.99	294.03
19056	16.86	-15.22	-8.30	175.36	130.93	-50.27	167.43	308.90	129.49
19057	16.06	-14.85	-8.30	251.78	122.58	-130.72	195.78	287.13	2.80
19058	15.26	-14.48	-8.30	330.49	111.48	-219.99	202.93	257.35	-89.72
19059	14.46	-14.11	-8.30	405.76	102.52	-308.25	194.50	214.05	-147.45
19060	16.47	-16.85	-8.30	98.89	90.27	9.07	98.46	256.69	188.84
19061	15.71	-16.41	-8.30	157.33	97.47	-57.87	138.16	245.39	54.13
19062	14.95	-15.97	-8.30	224.01	96.42	-132.84	165.85	228.39	-50.18
19063	14.20	-15.53	-8.30	297.26	93.56	-218.40	177.44	205.65	-126.90
19064	13.44	-15.08	-8.30	371.23	91.57	-305.07	175.28	171.07	-173.90
19065	15.18	-18.02	-8.30	96.42	66.59	-3.24	83.99	194.12	105.86
19066	14.48	-17.51	-8.30	148.74	73.50	-66.93	118.26	186.63	-6.52
19067	13.77	-17.00	-8.30	209.20	75.53	-138.85	144.11	175.26	-94.04
19068	13.07	-16.49	-8.30	277.17	77.59	-222.08	157.11	159.35	-158.71
19069	12.37	-15.98	-8.30	348.14	80.63	-307.78	158.21	133.21	-196.70
19070	13.81	-19.09	-8.30	97.40	50.20	-17.80	73.86	133.97	41.74
19071	13.17	-18.52	-8.30	146.04	55.74	-79.58	103.91	132.26	-54.33
19072	12.52	-17.94	-8.30	202.05	58.78	-149.54	127.53	127.21	-129.71
19073	11.88	-17.37	-8.30	265.45	63.79	-231.28	140.44	118.09	-185.64
19074	11.23	-16.80	-8.30	332.75	70.90	-316.51	143.02	99.74	-217.36
19075	12.37	-20.05	-8.30	101.15	38.17	-35.43	66.30	77.14	-6.37
19076	11.79	-19.42	-8.30	147.22	41.95	-96.00	92.86	82.25	-91.31
19077	11.20	-18.79	-8.30	199.84	44.98	-164.78	114.16	83.83	-158.59
19078	10.62	-18.17	-8.30	259.28	51.88	-245.83	126.28	81.25	-208.80
19079	10.04	-17.54	-8.30	322.88	62.10	-331.18	129.43	69.81	-236.14
19080	10.86	-20.91	-8.30	107.22	28.72	-55.87	60.13	24.44	-40.96
19081	10.35	-20.23	-8.30	151.22	30.62	-115.80	83.66	36.64	-119.38
19082	9.83	-19.55	-8.30	201.07	33.15	-184.16	102.66	44.70	-182.08
19083	9.32	-18.87	-8.30	257.02	41.36	-265.35	113.65	48.14	-229.12
19084	8.80	-18.19	-8.30	317.06	54.24	-351.47	116.78	42.81	-253.62
19085	9.29	-21.65	-8.30	115.31	20.81	-78.63	54.43	-23.51	-64.29
19086	8.85	-20.93	-8.30	157.45	20.78	-138.51	75.24	-4.65	-140.24
19087	8.41	-20.20	-8.30	204.84	22.61	-207.20	92.02	9.31	-201.47
19088	7.96	-19.48	-8.30	257.60	31.91	-289.39	101.74	18.06	-247.50
19089	7.52	-18.76	-8.30	314.16	47.31	-376.98	104.57	18.05	-270.43
19090	7.67	-22.28	-8.30	125.18	13.88	-103.38	48.48	-66.38	-78.38
19091	7.30	-21.52	-8.30	165.51	11.88	-163.76	66.78	-41.83	-155.44
19092	6.94	-20.76	-8.30	210.56	12.95	-233.49	81.43	-22.90	-217.85
19093	6.57	-19.99	-8.30	260.24	23.34	-317.51	89.91	-9.72	-264.70
19094	6.20	-19.23	-8.30	313.34	41.31	-407.21	92.41	-5.25	-287.05
19095	6.01	-22.78	-8.30	136.60	7.68	-130.05	41.68	-104.04	-85.07
19096	5.72	-21.99	-8.30	175.05	3.68	-191.39	57.58	-75.23	-166.31
19097	5.43	-21.20	-8.30	217.74	4.01	-262.74	70.25	-52.52	-232.13
19098	5.14	-20.41	-8.30	264.34	15.59	-349.26	77.68	-35.94	-281.26
19099	4.86	-19.62	-8.30	313.91	36.28	-441.66	80.05	-27.83	-303.77
19100	4.32	-23.17	-8.30	149.43	2.22	-158.88	33.55	-136.30	-85.96
19101	4.11	-22.35	-8.30	185.84	-3.82	-221.41	47.18	-105.08	-174.00
19102	3.90	-21.54	-8.30	225.97	-4.18	-294.68	58.07	-80.05	-245.02
19103	3.69	-20.72	-8.30	269.34	8.75	-384.20	64.75	-61.28	-297.50
19104	3.49	-19.90	-8.30	315.29	32.35	-479.80	67.32	-50.34	-320.67
19105	2.60	-23.42	-8.30	163.38	-2.22	-189.61	23.77	-162.60	-82.39
19106	2.47	-22.59	-8.30	197.48	-10.31	-253.53	35.37	-131.27	-179.31
19107	2.35	-21.76	-8.30	234.70	-11.33	-328.90	44.71	-105.82	-256.84

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
19108	2.22	-20.93	-8.30	274.65	3.08	-421.82	50.98	-86.28	-313.47
19109	2.10	-20.10	-8.30	316.95	29.69	-521.06	54.17	-73.41	-337.64
19110	0.87	-23.55	-8.30	177.43	-5.28	-220.55	12.16	-182.41	-75.43
19111	0.83	-22.71	-8.30	208.98	-15.33	-286.43	22.10	-153.63	-182.48
19112	0.78	-21.87	-8.30	243.07	-16.92	-364.50	30.16	-130.11	-267.49
19113	0.74	-21.03	-8.30	279.59	-1.02	-461.48	36.34	-111.50	-328.91
19114	0.70	-20.20	-8.30	318.38	28.55	-564.88	40.61	-97.59	-354.42
19115	-11.69	-9.49	-2.70	-549.83	-312.90	-1544.62	-174.34	-591.33	-251.97
19116	-12.72	-9.44	-2.70	-655.09	-350.60	-1673.92	-186.38	-621.98	-241.61
19117	-13.76	-9.39	-2.70	-781.85	-397.37	-1837.54	-200.71	-654.32	-231.82
19118	-11.91	-10.47	-2.70	-613.67	-356.98	-1622.18	-200.02	-594.07	-266.21
19119	-12.81	-10.33	-2.70	-709.96	-390.18	-1745.19	-211.65	-623.41	-257.14
19120	-13.70	-10.18	-2.70	-821.23	-430.08	-1893.73	-224.36	-652.73	-249.21
19121	-12.11	-11.46	-2.70	-690.51	-411.13	-1724.08	-230.36	-598.82	-281.50
19122	-12.88	-11.21	-2.70	-774.85	-436.55	-1834.00	-239.21	-626.33	-271.89
19123	-13.63	-10.96	-2.70	-871.50	-467.47	-1962.07	-250.01	-658.02	-268.40
19124	-0.57	-9.89	-2.70	-52.69	-163.01	-884.59	-65.76	-172.89	-335.61
19125	-1.70	-9.88	-2.70	-61.72	-168.15	-935.55	-76.70	-220.58	-336.02
19126	-2.84	-9.86	-2.70	-79.81	-174.72	-986.22	-88.11	-268.89	-333.90
19127	-3.96	-9.83	-2.70	-106.96	-182.87	-1037.08	-99.70	-316.84	-329.33
19128	-5.08	-9.80	-2.70	-143.06	-192.81	-1089.12	-111.22	-363.54	-322.48
19129	-6.20	-9.76	-2.70	-187.94	-204.80	-1143.84	-122.45	-408.22	-313.59
19130	-7.31	-9.71	-2.70	-241.51	-219.20	-1203.20	-133.28	-450.31	-303.00
19131	-8.42	-9.66	-2.70	-303.83	-236.50	-1269.73	-143.69	-489.50	-291.14
19132	-9.52	-9.60	-2.70	-375.33	-257.34	-1346.50	-153.80	-525.83	-278.51
19133	-10.62	-9.54	-2.70	-457.15	-282.56	-1437.41	-163.88	-559.72	-265.74
19134	-0.60	-11.68	-2.70	-94.15	-211.08	-872.57	-79.58	-174.59	-357.28
19135	-1.80	-11.64	-2.70	-105.79	-216.66	-929.71	-92.75	-222.74	-358.00
19136	-2.99	-11.58	-2.70	-126.69	-223.44	-987.64	-106.27	-271.10	-355.65
19137	-4.16	-11.50	-2.70	-156.71	-231.56	-1046.81	-119.76	-318.80	-350.42
19138	-5.32	-11.40	-2.70	-195.61	-241.27	-1108.13	-132.91	-365.09	-342.61
19139	-6.47	-11.28	-2.70	-243.20	-252.86	-1172.96	-145.49	-409.36	-332.58
19140	-7.60	-11.15	-2.70	-299.37	-266.77	-1243.11	-157.39	-451.21	-320.79
19141	-8.72	-10.99	-2.70	-364.24	-283.56	-1320.84	-168.64	-490.50	-307.76
19142	-9.83	-10.82	-2.70	-438.29	-303.94	-1408.92	-179.35	-527.39	-294.04
19143	-10.92	-10.63	-2.70	-522.65	-328.79	-1511.05	-189.73	-562.42	-280.16
19144	-0.63	-13.48	-2.70	-146.61	-268.38	-880.68	-95.31	-178.51	-369.52
19145	-1.88	-13.42	-2.70	-161.30	-274.90	-944.68	-111.00	-226.48	-371.18
19146	-3.11	-13.32	-2.70	-185.27	-282.32	-1010.81	-126.90	-274.39	-369.48
19147	-4.33	-13.19	-2.70	-218.34	-290.79	-1079.36	-142.59	-321.57	-364.68
19148	-5.53	-13.03	-2.70	-260.28	-300.59	-1151.07	-157.72	-367.41	-357.14
19149	-6.70	-12.83	-2.70	-310.91	-312.08	-1227.07	-172.06	-411.46	-347.29
19150	-7.86	-12.61	-2.70	-370.19	-325.73	-1308.90	-185.51	-453.47	-335.63
19151	-8.99	-12.35	-2.70	-438.32	-342.13	-1398.54	-198.11	-493.38	-322.69
19152	-10.11	-12.06	-2.70	-515.85	-362.03	-1498.51	-209.99	-531.39	-309.00
19153	-11.19	-11.74	-2.70	-603.66	-386.35	-1612.24	-221.18	-567.82	-295.14
19154	-0.65	-15.28	-2.70	-213.47	-340.71	-916.17	-115.66	-186.42	-376.81
19155	-1.95	-15.20	-2.70	-231.89	-349.03	-987.82	-134.46	-233.87	-380.15
19156	-3.22	-15.07	-2.70	-259.63	-357.84	-1063.14	-153.35	-281.15	-380.03
19157	-4.47	-14.90	-2.70	-296.53	-367.33	-1142.25	-171.88	-327.80	-376.69
19158	-5.71	-14.67	-2.70	-342.41	-377.79	-1225.69	-189.68	-373.38	-370.49
19159	-6.91	-14.40	-2.70	-397.18	-389.57	-1314.36	-206.48	-417.55	-361.84
19160	-8.09	-14.08	-2.70	-460.87	-403.11	-1409.59	-222.10	-460.14	-351.18
19161	-9.24	-13.72	-2.70	-533.75	-418.95	-1513.14	-236.50	-501.13	-339.03
19162	-10.36	-13.31	-2.70	-616.36	-437.69	-1627.31	-249.72	-540.71	-325.98
19163	-11.45	-12.86	-2.70	-709.44	-460.38	-1755.16	-261.81	-579.21	-313.04
19164	-0.67	-17.07	-2.70	-307.94	-443.08	-1032.73	-147.10	-204.25	-373.96
19165	-1.99	-16.99	-2.70	-332.08	-454.40	-1116.35	-170.09	-251.00	-378.83
19166	-3.30	-16.84	-2.70	-365.87	-465.56	-1205.58	-192.99	-297.57	-380.35
19167	-4.59	-16.62	-2.70	-409.08	-476.73	-1300.15	-215.31	-343.52	-378.89
19168	-5.85	-16.34	-2.70	-461.54	-488.11	-1400.19	-236.60	-388.59	-374.82
19169	-7.09	-15.99	-2.70	-523.13	-499.98	-1506.08	-256.47	-432.62	-368.65
19170	-8.29	-15.58	-2.70	-593.77	-512.67	-1618.39	-274.58	-475.63	-361.03
19171	-9.46	-15.11	-2.70	-673.51	-526.52	-1737.88	-290.67	-517.90	-352.74
19172	-10.60	-14.58	-2.70	-762.62	-541.91	-1865.26	-304.60	-560.24	-344.84
19173	-11.69	-14.00	-2.70	-861.27	-559.45	-2001.97	-316.28	-603.59	-338.92
19174	-0.68	-18.88	-2.70	-444.97	-636.71	-1180.05	-229.24	-213.56	-451.25
19175	-2.02	-18.79	-2.70	-481.31	-651.48	-1273.47	-263.19	-263.09	-465.82
19176	-3.36	-18.61	-2.70	-527.95	-663.85	-1371.62	-296.05	-313.28	-478.80
19177	-4.68	-18.35	-2.70	-584.42	-673.72	-1473.61	-327.07	-364.38	-490.16
19178	-5.97	-18.01	-2.70	-650.12	-681.29	-1578.63	-355.52	-416.59	-500.15
19179	-7.23	-17.59	-2.70	-724.40	-686.80	-1685.96	-380.76	-470.23	-509.05
19180	-8.47	-17.09	-2.70	-806.56	-690.57	-1794.88	-402.17	-525.79	-517.18
19181	-9.66	-16.51	-2.70	-895.83	-692.97	-1904.68	-419.22	-583.96	-524.88
19182	-10.81	-15.87	-2.70	-991.40	-694.30	-2014.50	-431.43	-645.71	-532.37
19183	-11.91	-15.15	-2.70	-1092.87	-695.32	-2123.01	-438.93	-713.33	-540.32
19184	-16.80	-9.56	-2.70	-1534.10	-650.59	-2597.04	-319.72	-1028.37	-381.45
19185	-16.19	-10.65	-2.70	-1501.11	-666.01	-2540.52	-358.22	-1016.78	-436.89
19186	-15.52	-11.69	-2.70	-1460.65	-682.09	-2478.56	-394.39	-996.71	-493.31
19187	-15.79	-9.48	-2.70	-1175.20	-551.73	-2410.16	-249.78	-757.35	-239.68
19188	-15.37	-10.42	-2.70	-1179.89	-574.99	-2416.78	-279.17	-755.60	-274.56
19189	-14.91	-11.34	-2.70	-1185.19	-599.73	-2417.81	-307.69	-757.87	-311.83
19190	-14.78	-9.40	-2.70	-950.61	-461.20	-2060.11	-221.92	-698.18	-228.13
19191	-14.55	-10.21	-2.70	-974.26	-489.04	-2099.99	-246.24	-694.73	-250.07
19192	-14.30	-11.00	-2.70	-996.62	-518.90	-2145.44	-270.45	-688.86	-273.22
19193	-12.93	-14.37	-2.70	-1195.10	-696.06	-2224.68	-440.49	-788.24	-548.63
19194	-12.65	-13.39	-2.70	-955.97	-575.84	-2129.68	-323.17	-644.68	-336.47
19195	-12.36	-12.43	-2.70	-798.96	-482.55	-1875.06	-270.75	-613.69	-303.53
19196	-13.86	-13.54	-2.70	-1290.76	-693.71	-2317.22	-434.44	-858.31	-548.10
19197	-13.48	-12.78	-2.70	-1044.37	-588.97	-2243.84	-325.12	-686.07	-331.77
19198	-13.10	-12.03	-2.70	-879.48	-501.55	-1984.42	-276.20	-643.59	-294.52
19199	-14.74	-12.66	-2.70	-1385.48	-691.57	-2403.16	-422.83	-931.58	-542.56
19200	-14.28	-12.13	-2.70	-1137.94	-603.27	-2358.94	-324.50	-732.76	-332.02
19201	-13.81	-11.61	-2.70	-966.31	-522.94	-2106.07	-279.38	-675.20	-283.96
19202	-11.69	-9.49	-4.10	-348.59	-201.90	-1492.99	-126.96	-453.95	-206.64
19203	-12.72	-9.44	-4.10	-414.65	-217.95	-1618.78	-126.01	-470.75	-197.32
19204	-13.76	-9.39	-4.10	-478.63	-233.06	-1769.33	-120.25	-490.38	-191.46
19205	-11.91	-10.47	-4.10	-385.34	-221.33	-1566.74	-136.99	-449.53	-216.17
19206	-12.81	-10.33	-4.10	-438.47	-230.78	-1681.43	-133.23	-468.13	-210.52

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
19207	-13.70	-10.18	-4.10	-487.65	-238.28	-1812.01	-124.96	-489.26	-210.11
19208	-12.11	-11.46	-4.10	-421.20	-236.43	-1656.67	-143.86	-447.49	-230.18
19209	-12.88	-11.21	-4.10	-460.42	-239.15	-1753.42	-137.02	-469.09	-226.99
19210	-13.63	-10.96	-4.10	-495.79	-239.22	-1857.12	-126.99	-498.95	-234.85
19211	-0.57	-9.89	-4.10	75.67	-112.56	-815.58	-46.05	-155.70	-290.04
19212	-1.70	-9.88	-4.10	63.86	-115.50	-864.86	-56.92	-191.54	-289.38
19213	-2.84	-9.86	-4.10	44.40	-119.52	-915.08	-67.91	-227.84	-286.61
19214	-3.96	-9.83	-4.10	17.39	-124.73	-966.69	-78.72	-263.80	-281.78
19215	-5.08	-9.80	-4.10	-16.92	-131.23	-1020.59	-89.08	-298.65	-275.01
19216	-6.20	-9.76	-4.10	-58.17	-139.12	-1078.10	-98.73	-331.67	-266.45
19217	-7.31	-9.71	-4.10	-105.90	-148.52	-1140.93	-107.42	-362.24	-256.33
19218	-8.42	-9.66	-4.10	-159.59	-159.52	-1211.22	-114.91	-389.89	-244.97
19219	-9.52	-9.60	-4.10	-218.65	-172.19	-1291.59	-120.94	-414.36	-232.74
19220	-10.62	-9.54	-4.10	-282.37	-186.45	-1385.15	-125.09	-435.72	-220.30
19221	-0.60	-11.68	-4.10	31.35	-152.28	-813.83	-56.94	-153.83	-304.87
19222	-1.80	-11.64	-4.10	18.12	-155.19	-869.30	-69.60	-189.80	-304.34
19223	-2.99	-11.58	-4.10	-2.83	-158.83	-926.59	-82.18	-225.88	-301.23
19224	-4.16	-11.50	-4.10	-31.19	-163.25	-986.09	-94.27	-261.32	-295.67
19225	-5.32	-11.40	-4.10	-66.57	-168.55	-1048.59	-105.52	-295.43	-287.89
19226	-6.47	-11.28	-4.10	-108.45	-174.83	-1115.24	-115.60	-327.59	-278.17
19227	-7.60	-11.15	-4.10	-156.20	-182.19	-1187.56	-124.20	-357.32	-266.85
19228	-8.72	-10.99	-4.10	-209.12	-190.70	-1267.40	-131.02	-384.32	-254.39
19229	-9.83	-10.82	-4.10	-266.40	-200.33	-1356.96	-135.70	-408.55	-241.36
19230	-10.92	-10.63	-4.10	-326.90	-210.94	-1458.77	-137.73	-430.49	-228.59
19231	-0.63	-13.48	-4.10	-21.84	-195.03	-830.47	-69.68	-152.77	-309.89
19232	-1.88	-13.42	-4.10	-36.53	-197.97	-892.66	-83.95	-188.12	-310.04
19233	-3.11	-13.32	-4.10	-58.73	-201.09	-957.71	-97.86	-223.33	-307.33
19234	-4.33	-13.19	-4.10	-88.04	-204.43	-1025.86	-110.94	-257.75	-301.98
19235	-5.53	-13.03	-4.10	-123.92	-208.07	-1097.69	-122.73	-290.82	-294.28
19236	-6.70	-12.83	-4.10	-165.70	-212.10	-1174.12	-132.84	-322.06	-284.63
19237	-7.86	-12.61	-4.10	-212.60	-216.57	-1256.35	-140.87	-351.16	-273.54
19238	-8.99	-12.35	-4.10	-263.68	-221.49	-1345.80	-146.42	-378.05	-261.64
19239	-10.11	-12.06	-4.10	-317.71	-226.73	-1444.13	-149.00	-403.01	-249.83
19240	-11.19	-11.74	-4.10	-373.05	-232.10	-1552.95	-148.03	-426.88	-239.35
19241	-0.65	-15.28	-4.10	-85.49	-238.60	-877.22	-85.86	-153.04	-304.79
19242	-1.95	-15.20	-4.10	-101.67	-241.40	-947.07	-101.26	-187.02	-306.16
19243	-3.22	-15.07	-4.10	-124.94	-243.54	-1020.94	-115.92	-220.74	-304.73
19244	-4.47	-14.90	-4.10	-154.73	-245.04	-1098.81	-129.28	-253.75	-300.84
19245	-5.71	-14.67	-4.10	-190.35	-245.95	-1180.93	-140.79	-285.66	-294.91
19246	-6.91	-14.40	-4.10	-230.96	-246.33	-1267.75	-149.92	-316.24	-287.54
19247	-8.09	-14.08	-4.10	-275.49	-246.19	-1359.87	-156.15	-345.50	-279.45
19248	-9.24	-13.72	-4.10	-322.68	-245.50	-1457.87	-158.98	-373.84	-271.63
19249	-10.36	-13.31	-4.10	-370.85	-244.17	-1562.19	-157.90	-402.18	-265.41
19250	-11.45	-12.86	-4.10	-417.83	-241.83	-1672.81	-152.46	-432.18	-262.70
19251	-0.67	-17.07	-4.10	-159.61	-264.86	-972.16	-109.43	-152.21	-307.75
19252	-1.99	-16.99	-4.10	-177.16	-265.71	-1050.74	-124.43	-184.99	-312.65
19253	-3.30	-16.84	-4.10	-200.76	-264.72	-1133.52	-138.01	-217.91	-315.85
19254	-4.59	-16.62	-4.10	-229.66	-262.00	-1219.84	-149.50	-250.82	-317.80
19255	-5.85	-16.34	-4.10	-262.90	-257.73	-1309.22	-158.29	-283.77	-319.04
19256	-7.09	-15.99	-4.10	-299.35	-252.09	-1401.21	-163.81	-316.98	-320.21
19257	-8.29	-15.58	-4.10	-337.67	-245.33	-1495.26	-165.59	-350.97	-322.08
19258	-9.46	-15.11	-4.10	-376.34	-237.68	-1590.55	-163.31	-386.67	-325.47
19259	-10.60	-14.58	-4.10	-413.64	-229.45	-1685.86	-156.80	-425.47	-331.28
19260	-11.69	-14.00	-4.10	-447.45	-220.74	-1779.37	-146.03	-469.68	-340.68
19261	-0.68	-18.88	-4.10	-220.72	-252.92	-989.61	-138.58	-140.32	-410.78
19262	-2.02	-18.79	-4.10	-237.14	-249.69	-1067.51	-151.33	-177.72	-427.78
19263	-3.36	-18.61	-4.10	-258.06	-244.10	-1148.24	-161.86	-217.05	-443.88
19264	-4.68	-18.35	-4.10	-282.60	-236.58	-1230.87	-169.62	-258.47	-458.89
19265	-5.97	-18.01	-4.10	-309.75	-227.59	-1314.48	-174.14	-302.18	-472.68
19266	-7.23	-17.59	-4.10	-338.39	-217.68	-1398.15	-175.12	-348.35	-485.14
19267	-8.47	-17.09	-4.10	-367.36	-207.43	-1480.93	-172.44	-397.20	-496.08
19268	-9.66	-16.51	-4.10	-395.50	-197.38	-1561.79	-166.20	-448.97	-505.24
19269	-10.81	-15.87	-4.10	-421.69	-188.12	-1639.47	-156.67	-503.97	-512.16
19270	-11.91	-15.15	-4.10	-445.09	-180.39	-1712.33	-144.40	-562.61	-516.16
19271	-16.80	-9.56	-4.10	-543.29	-193.23	-2071.11	-62.84	-852.88	-379.29
19272	-16.19	-10.65	-4.10	-527.38	-183.79	-2014.18	-75.99	-826.46	-423.07
19273	-15.52	-11.69	-4.10	-511.63	-175.00	-1952.02	-88.68	-793.64	-464.28
19274	-15.79	-9.48	-4.10	-551.07	-230.62	-2109.71	-78.90	-641.27	-258.84
19275	-15.37	-10.42	-4.10	-536.29	-220.46	-2078.47	-85.71	-644.49	-299.24
19276	-14.91	-11.34	-4.10	-521.89	-209.26	-2037.43	-92.63	-646.42	-341.62
19277	-14.78	-9.40	-4.10	-533.00	-242.16	-1951.07	-105.88	-534.19	-202.65
19278	-14.55	-10.21	-4.10	-527.76	-239.63	-1963.93	-109.83	-538.40	-230.51
19279	-14.30	-11.00	-4.10	-519.35	-233.81	-1970.73	-112.93	-541.46	-262.89
19280	-12.93	-14.37	-4.10	-465.16	-175.29	-1778.99	-131.08	-624.01	-518.17
19281	-12.65	-13.39	-4.10	-473.40	-213.23	-1860.67	-132.83	-515.78	-352.51
19282	-12.36	-12.43	-4.10	-455.75	-238.83	-1770.91	-143.85	-462.20	-265.13
19283	-13.86	-13.54	-4.10	-482.30	-172.16	-1839.54	-117.52	-681.83	-511.14
19284	-13.48	-12.78	-4.10	-493.09	-207.78	-1927.94	-119.31	-562.18	-359.08
19285	-13.10	-12.03	-4.10	-483.57	-235.50	-1853.12	-133.30	-492.65	-268.42
19286	-14.74	-12.66	-4.10	-496.46	-170.99	-1893.90	-103.17	-739.71	-498.25
19287	-14.28	-12.13	-4.10	-508.24	-202.92	-1986.84	-104.71	-613.56	-366.48
19288	-13.81	-11.61	-4.10	-506.28	-232.10	-1933.32	-120.13	-528.71	-272.12
19289	-11.69	-9.49	-5.50	-99.24	-66.59	-1444.02	-74.56	-379.85	-198.73
19290	-12.72	-9.44	-5.50	-129.36	-65.48	-1556.20	-65.64	-408.15	-201.81
19291	-13.76	-9.39	-5.50	-147.91	-60.43	-1675.43	-52.12	-450.11	-213.21
19292	-11.91	-10.47	-5.50	-113.25	-66.77	-1504.95	-73.00	-386.89	-219.29
19293	-12.81	-10.33	-5.50	-133.07	-61.48	-1599.24	-62.90	-418.93	-227.02
19294	-13.70	-10.18	-5.50	-144.04	-53.35	-1693.08	-50.00	-461.51	-242.66
19295	-12.11	-11.46	-5.50	-121.77	-58.84	-1566.69	-67.55	-402.22	-251.64
19296	-12.88	-11.21	-5.50	-133.23	-51.77	-1637.35	-57.78	-436.95	-260.52
19297	-13.63	-10.96	-5.50	-139.66	-43.06	-1702.50	-47.43	-483.16	-279.42
19298	-0.57	-9.89	-5.50	233.73	-45.01	-763.78	-21.68	-137.40	-250.28
19299	-1.70	-9.88	-5.50	219.78	-45.14	-811.65	-32.40	-163.53	-249.33
19300	-2.84	-9.86	-5.50	199.81	-45.91	-861.39	-42.84	-190.19	-246.83
19301	-3.96	-9.83	-5.50	174.04	-47.36	-913.45	-52.69	-216.84	-242.85
19302	-5.08	-9.80	-5.50	142.91	-49.46	-968.65	-61.64	-242.96	-237.55
19303	-6.20	-9.76	-5.50	107.07	-52.16	-1028.12	-69.34	-268.09	-231.15
19304	-7.31	-9.71	-5.50	67.41	-55.35	-1093.35	-75.44	-291.93	-223.95
19305	-8.42	-9.66	-5.50	25.07	-58.81	-1166.01	-79.52	-314.37	-216.41

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
19306	-9.52	-9.60	-5.50	-18.41	-62.21	-1247.97	-81.10	-335.76	-209.22
19307	-10.62	-9.54	-5.50	-61.00	-65.02	-1341.03	-79.58	-357.09	-203.54
19308	-0.60	-11.68	-5.50	187.88	-74.27	-770.54	-28.45	-133.62	-263.00
19309	-1.80	-11.64	-5.50	173.81	-73.87	-824.52	-40.40	-160.00	-262.38
19310	-2.99	-11.58	-5.50	153.87	-73.61	-881.08	-51.77	-186.73	-259.92
19311	-4.16	-11.50	-5.50	128.50	-73.47	-940.55	-62.16	-213.31	-255.81
19312	-5.32	-11.40	-5.50	98.36	-73.43	-1003.59	-71.14	-239.33	-250.31
19313	-6.47	-11.28	-5.50	64.30	-73.42	-1071.12	-78.31	-264.46	-243.77
19314	-7.60	-11.15	-5.50	27.43	-73.34	-1144.24	-83.25	-288.62	-236.70
19315	-8.72	-10.99	-5.50	-10.89	-72.97	-1224.14	-85.54	-312.00	-229.78
19316	-9.83	-10.82	-5.50	-48.93	-72.00	-1311.91	-84.72	-335.32	-223.97
19317	-10.92	-10.63	-5.50	-84.55	-70.03	-1408.20	-80.37	-360.17	-220.58
19318	-0.63	-13.48	-5.50	135.71	-99.66	-795.06	-36.48	-130.29	-269.20
19319	-1.88	-13.42	-5.50	121.91	-98.47	-855.53	-48.93	-156.51	-269.67
19320	-3.11	-13.32	-5.50	102.74	-96.69	-919.30	-60.46	-183.02	-268.28
19321	-4.33	-13.19	-5.50	78.79	-94.33	-986.48	-70.56	-209.47	-265.33
19322	-5.53	-13.03	-5.50	50.90	-91.38	-1057.41	-78.73	-235.60	-261.20
19323	-6.70	-12.83	-5.50	20.10	-87.82	-1132.58	-84.53	-261.33	-256.44
19324	-7.86	-12.61	-5.50	-12.32	-83.60	-1212.52	-87.54	-286.86	-251.74
19325	-8.99	-12.35	-5.50	-44.83	-78.62	-1297.61	-87.37	-312.78	-248.00
19326	-10.11	-12.06	-5.50	-75.61	-72.74	-1387.86	-83.71	-340.26	-246.43
19327	-11.19	-11.74	-5.50	-102.61	-65.80	-1482.44	-76.49	-371.11	-248.40
19328	-0.65	-15.28	-5.50	78.86	-112.01	-843.10	-46.02	-127.54	-276.02
19329	-1.95	-15.20	-5.50	66.01	-109.29	-910.19	-57.72	-153.64	-278.94
19330	-3.22	-15.07	-5.50	48.68	-105.17	-980.87	-68.08	-180.25	-280.51
19331	-4.47	-14.90	-5.50	27.61	-99.74	-1054.84	-76.54	-207.28	-281.14
19332	-5.71	-14.67	-5.50	3.76	-93.13	-1131.88	-82.62	-234.75	-281.31
19333	-6.91	-14.40	-5.50	-21.74	-85.47	-1211.80	-85.90	-262.89	-281.65
19334	-8.09	-14.08	-5.50	-47.55	-76.94	-1294.22	-86.09	-292.25	-282.89
19335	-9.24	-13.72	-5.50	-72.23	-67.76	-1378.46	-83.05	-323.75	-285.86
19336	-10.36	-13.31	-5.50	-94.23	-58.17	-1463.24	-76.90	-358.83	-291.49
19337	-11.45	-12.86	-5.50	-112.02	-48.18	-1546.37	-68.03	-399.42	-300.94
19338	-0.67	-17.07	-5.50	23.95	-99.48	-894.96	-56.45	-124.80	-312.89
19339	-1.99	-16.99	-5.50	13.41	-94.34	-966.27	-65.73	-152.68	-321.47
19340	-3.30	-16.84	-5.50	-0.34	-87.53	-1040.22	-73.34	-181.88	-329.54
19341	-4.59	-16.62	-5.50	-16.53	-79.38	-1115.97	-78.85	-212.57	-337.34
19342	-5.85	-16.34	-5.50	-34.26	-70.27	-1192.68	-81.94	-245.00	-345.13
19343	-7.09	-15.99	-5.50	-52.54	-60.62	-1269.47	-82.44	-279.57	-353.18
19344	-8.29	-15.58	-5.50	-70.37	-50.89	-1345.30	-80.40	-316.80	-361.73
19345	-9.46	-15.11	-5.50	-86.84	-41.55	-1418.88	-76.08	-357.40	-370.89
19346	-10.60	-14.58	-5.50	-101.21	-33.06	-1488.57	-69.99	-402.22	-380.62
19347	-11.69	-14.00	-5.50	-113.06	-25.85	-1552.29	-62.87	-452.37	-390.72
19348	-0.68	-18.88	-5.50	-17.30	-88.95	-854.71	-63.67	-122.80	-405.38
19349	-2.02	-18.79	-5.50	-23.59	-83.44	-920.95	-71.43	-155.92	-423.00
19350	-3.36	-18.61	-5.50	-32.21	-76.66	-988.87	-77.89	-191.56	-439.67
19351	-4.68	-18.35	-5.50	-42.67	-68.96	-1057.61	-82.82	-229.83	-455.06
19352	-5.97	-18.01	-5.50	-54.42	-60.74	-1126.32	-86.04	-270.82	-468.86
19353	-7.23	-17.59	-5.50	-66.93	-52.40	-1194.15	-87.52	-314.52	-480.70
19354	-8.47	-17.09	-5.50	-79.71	-44.33	-1260.25	-87.38	-360.89	-490.19
19355	-9.66	-16.51	-5.50	-92.36	-36.86	-1323.74	-85.82	-409.81	-496.90
19356	-10.81	-15.87	-5.50	-104.66	-30.25	-1383.72	-83.13	-461.11	-500.31
19357	-11.91	-15.15	-5.50	-116.65	-24.89	-1439.21	-79.77	-514.51	-499.71
19358	-16.80	-9.56	-5.50	-169.20	-10.96	-1730.20	-41.96	-785.60	-371.27
19359	-16.19	-10.65	-5.50	-164.24	-10.96	-1680.71	-51.48	-754.25	-408.51
19360	-15.52	-11.69	-5.50	-158.37	-11.97	-1627.69	-60.53	-719.21	-442.50
19361	-15.79	-9.48	-5.50	-147.83	-26.57	-1818.40	-25.72	-648.08	-305.23
19362	-15.37	-10.42	-5.50	-143.89	-20.96	-1775.00	-32.31	-642.10	-342.42
19363	-14.91	-11.34	-5.50	-140.78	-17.01	-1725.17	-39.82	-632.73	-378.01
19364	-14.78	-9.40	-5.50	-150.63	-46.32	-1780.19	-34.99	-530.27	-246.39
19365	-14.55	-10.21	-5.50	-144.44	-38.54	-1765.90	-36.18	-539.10	-280.35
19366	-14.30	-11.00	-5.50	-138.46	-30.62	-1742.54	-38.80	-543.61	-316.50
19367	-12.93	-14.37	-5.50	-128.15	-20.99	-1490.29	-76.26	-568.73	-496.91
19368	-12.65	-13.39	-5.50	-121.60	-20.84	-1605.15	-56.22	-502.42	-399.92
19369	-12.36	-12.43	-5.50	-123.31	-39.67	-1614.27	-58.71	-440.99	-312.82
19370	-13.86	-13.54	-5.50	-138.73	-17.41	-1537.30	-72.23	-620.05	-486.33
19371	-13.48	-12.78	-5.50	-128.72	-17.83	-1647.55	-50.93	-549.40	-401.64
19372	-13.10	-12.03	-5.50	-130.20	-33.69	-1665.52	-50.67	-481.04	-321.81
19373	-14.74	-12.66	-5.50	-149.16	-14.65	-1580.06	-67.87	-670.87	-471.04
19374	-14.28	-12.13	-5.50	-135.55	-15.84	-1682.83	-46.39	-597.89	-401.21
19375	-13.81	-11.61	-5.50	-134.84	-28.84	-1709.06	-43.18	-525.63	-328.13
19376	-11.69	-9.49	-6.90	145.74	62.84	-1371.49	-39.64	-345.89	-208.08
19377	-12.72	-9.44	-6.90	129.26	70.07	-1459.84	-32.62	-388.09	-220.49
19378	-13.76	-9.39	-6.90	119.58	79.57	-1540.39	-24.95	-445.11	-239.48
19379	-11.91	-10.47	-6.90	137.69	67.26	-1411.50	-36.42	-364.22	-238.29
19380	-12.81	-10.33	-6.90	126.83	75.29	-1479.66	-30.48	-406.85	-252.29
19381	-13.70	-10.18	-6.90	119.98	84.18	-1537.85	-25.06	-458.55	-270.77
19382	-12.11	-11.46	-6.90	132.32	75.31	-1440.42	-32.89	-389.84	-279.22
19383	-12.88	-11.21	-6.90	124.93	82.16	-1487.38	-28.92	-429.70	-289.76
19384	-13.63	-10.96	-6.90	118.40	88.66	-1525.77	-26.65	-477.31	-305.61
19385	-0.57	-9.89	-6.90	417.33	34.56	-723.88	5.78	-119.06	-216.33
19386	-1.70	-9.88	-6.90	401.48	37.38	-770.18	-5.12	-137.69	-215.75
19387	-2.84	-9.86	-6.90	381.14	39.92	-818.80	-15.44	-157.12	-214.28
19388	-3.96	-9.83	-6.90	356.61	42.18	-870.18	-24.89	-177.13	-212.08
19389	-5.08	-9.80	-6.90	328.44	44.23	-924.97	-33.13	-197.54	-209.36
19390	-6.20	-9.76	-6.90	297.39	46.18	-984.10	-39.86	-218.27	-206.43
19391	-7.31	-9.71	-6.90	264.50	48.20	-1048.58	-44.71	-239.46	-203.69
19392	-8.42	-9.66	-6.90	231.09	50.54	-1119.43	-47.34	-261.54	-201.75
19393	-9.52	-9.60	-6.90	198.78	53.55	-1197.42	-47.45	-285.47	-201.41
19394	-10.62	-9.54	-6.90	169.50	57.58	-1282.60	-44.79	-312.96	-203.90
19395	-0.60	-11.68	-6.90	369.86	13.48	-735.56	3.48	-115.01	-230.88
19396	-1.80	-11.64	-6.90	354.98	17.06	-787.59	-8.35	-134.41	-231.06
19397	-2.99	-11.58	-6.90	335.92	20.90	-842.42	-19.27	-154.64	-230.31
19398	-4.16	-11.50	-6.90	313.17	25.02	-900.30	-28.90	-175.54	-228.86
19399	-5.32	-11.40	-6.90	287.47	29.45	-961.66	-36.87	-197.05	-227.01
19400	-6.47	-11.28	-6.90	259.74	34.26	-1027.03	-42.83	-219.25	-225.19
19401	-7.60	-11.15	-6.90	231.14	39.54	-1096.94	-46.48	-242.46	-223.95
19402	-8.72	-10.99	-6.90	203.03	45.41	-1171.69	-47.58	-267.37	-223.99
19403	-9.83	-10.82	-6.90	176.92	52.02	-1251.06	-46.01	-295.14	-226.19
19404	-10.92	-10.63	-6.90	154.37	59.47	-1333.89	-41.93	-327.61	-231.52

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
19405	-0.63	-13.48	-6.90	318.06	-0.33	-761.48	0.15	-111.85	-244.88
19406	-1.88	-13.42	-6.90	304.80	4.26	-819.22	-11.66	-132.14	-246.84
19407	-3.11	-13.32	-6.90	287.98	9.75	-880.01	-22.25	-153.42	-248.06
19408	-4.33	-13.19	-6.90	268.21	16.07	-943.79	-31.20	-175.69	-248.83
19409	-5.53	-13.03	-6.90	246.33	23.18	-1010.56	-38.14	-199.05	-249.53
19410	-6.70	-12.83	-6.90	223.32	31.00	-1080.32	-42.79	-223.75	-250.65
19411	-7.86	-12.61	-6.90	200.31	39.41	-1152.88	-44.95	-250.31	-252.74
19412	-8.99	-12.35	-6.90	178.54	48.32	-1227.69	-44.62	-279.58	-256.46
19413	-10.11	-12.06	-6.90	159.18	57.56	-1303.57	-41.97	-312.74	-262.48
19414	-11.19	-11.74	-6.90	143.24	67.00	-1378.44	-37.52	-351.24	-271.34
19415	-0.65	-15.28	-6.90	264.92	-1.26	-797.46	-3.81	-110.31	-268.41
19416	-1.95	-15.20	-6.90	254.16	4.62	-859.93	-14.48	-132.22	-273.71
19417	-3.22	-15.07	-6.90	240.71	11.81	-925.04	-23.72	-155.53	-278.68
19418	-4.47	-14.90	-6.90	225.22	20.08	-992.30	-31.18	-180.42	-283.58
19419	-5.71	-14.67	-6.90	208.46	29.22	-1061.18	-36.59	-207.12	-288.70
19420	-6.91	-14.40	-6.90	191.31	38.91	-1131.05	-39.81	-236.02	-294.37
19421	-8.09	-14.08	-6.90	174.66	48.86	-1201.10	-40.91	-267.65	-300.88
19422	-9.24	-13.72	-6.90	159.31	58.70	-1270.15	-40.12	-302.71	-308.47
19423	-10.36	-13.31	-6.90	145.89	68.11	-1336.56	-37.94	-342.06	-317.26
19424	-11.45	-12.86	-6.90	134.67	76.91	-1398.17	-35.08	-386.52	-327.29
19425	-0.67	-17.07	-6.90	215.34	6.62	-816.25	-7.59	-111.45	-316.69
19426	-1.99	-16.99	-6.90	208.09	13.29	-879.99	-16.64	-136.60	-327.24
19427	-3.30	-16.84	-6.90	199.03	21.13	-945.27	-24.39	-163.77	-337.54
19428	-4.59	-16.62	-6.90	188.64	29.81	-1011.25	-30.63	-193.19	-347.56
19429	-5.85	-16.34	-6.90	177.47	38.96	-1077.07	-35.27	-225.08	-357.27
19430	-7.09	-15.99	-6.90	166.08	48.22	-1141.84	-38.35	-259.66	-366.59
19431	-8.29	-15.58	-6.90	154.93	57.25	-1204.56	-40.06	-297.15	-375.35
19432	-9.46	-15.11	-6.90	144.36	65.74	-1264.15	-40.72	-337.75	-383.28
19433	-10.60	-14.58	-6.90	134.47	73.49	-1319.36	-40.79	-381.61	-389.95
19434	-11.69	-14.00	-6.90	125.12	80.30	-1368.88	-40.75	-428.89	-394.87
19435	-0.68	-18.88	-6.90	173.70	-0.24	-765.18	-10.38	-116.39	-383.02
19436	-2.02	-18.79	-6.90	170.65	5.16	-823.57	-19.24	-145.59	-399.09
19437	-3.36	-18.61	-6.90	166.18	11.64	-883.10	-27.42	-177.31	-414.14
19438	-4.68	-18.35	-6.90	160.51	19.00	-943.03	-34.77	-211.61	-427.79
19439	-5.97	-18.01	-6.90	153.85	26.97	-1002.65	-41.16	-248.50	-439.66
19440	-7.23	-17.59	-6.90	146.43	35.34	-1061.29	-46.57	-287.87	-449.38
19441	-8.47	-17.09	-6.90	138.45	43.90	-1118.29	-50.98	-329.53	-456.53
19442	-9.66	-16.51	-6.90	130.04	52.49	-1173.01	-54.47	-373.21	-460.70
19443	-10.81	-15.87	-6.90	121.31	60.98	-1224.83	-57.10	-418.58	-461.51
19444	-11.91	-15.15	-6.90	112.19	69.18	-1273.22	-59.02	-465.20	-458.38
19445	-16.80	-9.56	-6.90	67.28	112.60	-1526.85	-45.31	-707.77	-341.39
19446	-16.19	-10.65	-6.90	71.81	106.80	-1484.69	-51.59	-676.77	-373.28
19447	-15.52	-11.69	-6.90	77.27	100.03	-1439.80	-56.92	-643.26	-402.02
19448	-15.79	-9.48	-6.90	96.73	103.48	-1594.45	-26.70	-619.36	-309.08
19449	-15.37	-10.42	-6.90	96.93	101.98	-1553.61	-32.59	-606.14	-339.88
19450	-14.91	-11.34	-6.90	97.33	99.03	-1508.88	-38.44	-590.19	-368.00
19451	-14.78	-9.40	-6.90	111.37	92.10	-1593.40	-20.86	-527.86	-270.83
19452	-14.55	-10.21	-6.90	111.16	93.94	-1568.80	-24.21	-531.01	-301.30
19453	-14.30	-11.00	-6.90	111.04	94.55	-1537.71	-28.67	-528.54	-331.18
19454	-12.93	-14.37	-6.90	103.08	76.63	-1318.18	-60.35	-512.12	-453.53
19455	-12.65	-13.39	-6.90	117.23	85.69	-1410.05	-40.89	-474.44	-398.15
19456	-12.36	-12.43	-6.90	126.68	83.67	-1446.07	-32.65	-429.89	-337.05
19457	-13.86	-13.54	-6.90	94.32	84.40	-1359.83	-60.66	-556.72	-442.05
19458	-13.48	-12.78	-6.90	109.86	90.41	-1443.69	-41.16	-515.91	-394.64
19459	-13.10	-12.03	-6.90	120.07	88.30	-1480.49	-31.32	-468.68	-341.99
19460	-14.74	-12.66	-6.90	85.40	91.96	-1398.29	-60.20	-600.57	-426.65
19461	-14.28	-12.13	-6.90	102.07	94.92	-1472.43	-41.50	-557.29	-388.70
19462	-13.81	-11.61	-6.90	113.48	92.56	-1508.42	-30.68	-509.14	-342.75
19463	-11.69	-9.49	-8.30	370.29	179.17	-1279.73	-24.32	-321.44	-213.05
19464	-12.72	-9.44	-8.30	351.66	186.36	-1346.13	-23.26	-369.36	-228.09
19465	-13.76	-9.39	-8.30	334.16	194.07	-1401.36	-23.52	-427.29	-245.83
19466	-11.91	-10.47	-8.30	357.91	179.08	-1302.07	-23.97	-344.02	-245.67
19467	-12.81	-10.33	-8.30	343.23	185.81	-1351.36	-24.36	-388.33	-259.12
19468	-13.70	-10.18	-8.30	328.94	192.45	-1390.77	-26.07	-437.46	-273.60
19469	-12.11	-11.46	-8.30	345.62	178.84	-1311.74	-25.31	-369.96	-284.26
19470	-12.88	-11.21	-8.30	334.04	184.62	-1345.89	-26.80	-407.84	-291.94
19471	-13.63	-10.96	-8.30	321.49	189.66	-1373.38	-29.99	-450.27	-302.28
19472	-0.57	-9.89	-8.30	622.02	121.86	-691.66	35.04	-100.96	-185.60
19473	-1.70	-9.88	-8.30	604.16	127.50	-735.92	23.28	-113.91	-185.71
19474	-2.84	-9.86	-8.30	583.08	133.01	-782.48	12.27	-128.02	-185.59
19475	-3.96	-9.83	-8.30	559.07	138.40	-831.67	2.25	-143.36	-185.44
19476	-5.08	-9.80	-8.30	532.58	143.70	-884.00	-6.54	-160.05	-185.52
19477	-6.20	-9.76	-8.30	504.30	148.99	-940.05	-13.85	-178.37	-186.16
19478	-7.31	-9.71	-8.30	475.08	154.38	-1000.39	-19.47	-198.77	-187.77
19479	-8.42	-9.66	-8.30	445.96	159.98	-1065.37	-23.25	-222.02	-190.87
19480	-9.52	-9.60	-8.30	418.07	165.96	-1134.85	-25.12	-249.24	-196.08
19481	-10.62	-9.54	-8.30	392.48	172.38	-1207.73	-25.28	-282.04	-204.16
19482	-0.60	-11.68	-8.30	571.89	104.18	-703.75	36.92	-97.66	-203.49
19483	-1.80	-11.64	-8.30	555.73	110.44	-753.05	24.12	-112.02	-204.79
19484	-2.99	-11.58	-8.30	536.69	117.05	-804.88	12.38	-127.72	-205.97
19485	-4.16	-11.50	-8.30	515.19	124.01	-859.33	1.96	-144.92	-207.24
19486	-5.32	-11.40	-8.30	491.80	131.27	-916.61	-6.89	-163.82	-208.91
19487	-6.47	-11.28	-8.30	467.28	138.83	-976.91	-13.95	-184.78	-211.33
19488	-7.60	-11.15	-8.30	442.49	146.66	-1040.26	-19.11	-208.33	-214.89
19489	-8.72	-10.99	-8.30	418.36	154.72	-1106.32	-22.36	-235.23	-220.04
19490	-9.83	-10.82	-8.30	395.74	162.96	-1174.16	-23.88	-266.53	-227.21
19491	-10.92	-10.63	-8.30	375.23	171.30	-1241.94	-24.14	-303.47	-236.66
19492	-0.63	-13.48	-8.30	518.11	92.51	-724.78	37.33	-95.96	-225.38
19493	-1.88	-13.42	-8.30	504.36	99.38	-778.71	24.36	-112.21	-228.88
19494	-3.11	-13.32	-8.30	488.26	107.08	-835.03	12.64	-130.08	-232.43
19495	-4.33	-13.19	-8.30	470.28	115.48	-893.55	2.45	-149.81	-236.24
19496	-5.53	-13.03	-8.30	451.02	124.44	-954.04	-6.03	-171.70	-240.56
19497	-6.70	-12.83	-8.30	431.18	133.80	-1016.21	-12.68	-196.12	-245.64
19498	-7.86	-12.61	-8.30	411.48	143.36	-1079.53	-17.53	-223.59	-251.73
19499	-8.99	-12.35	-8.30	392.57	152.92	-1143.09	-20.78	-254.73	-259.04
19500	-10.11	-12.06	-8.30	374.94	162.24	-1205.48	-22.80	-290.26	-267.64
19501	-11.19	-11.74	-8.30	358.82	171.20	-1264.71	-24.15	-330.77	-277.37
19502	-0.65	-15.28	-8.30	463.34	87.44	-746.70	36.55	-96.93	-257.97
19503	-1.95	-15.20	-8.30	452.68	94.71	-803.79	24.12	-115.87	-264.79

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
19504	-3.22	-15.07	-8.30	440.31	103.00	-862.64	12.94	-136.79	-271.75
19505	-4.47	-14.90	-8.30	426.63	112.10	-922.67	3.22	-159.98	-278.90
19506	-5.71	-14.67	-8.30	412.14	121.74	-983.32	-4.94	-185.71	-286.31
19507	-6.91	-14.40	-8.30	397.32	131.65	-1043.90	-11.58	-214.28	-293.99
19508	-8.09	-14.08	-8.30	382.62	141.55	-1103.55	-16.84	-246.00	-301.89
19509	-9.24	-13.72	-8.30	368.36	151.18	-1161.20	-21.02	-281.17	-309.86
19510	-10.36	-13.31	-8.30	354.65	160.33	-1215.53	-24.55	-320.05	-317.61
19511	-11.45	-12.86	-8.30	341.38	168.92	-1265.02	-27.91	-362.73	-324.83
19512	-0.67	-17.07	-8.30	410.50	81.81	-748.18	34.72	-101.62	-304.50
19513	-1.99	-16.99	-8.30	403.46	88.66	-805.36	22.80	-124.06	-315.37
19514	-3.30	-16.84	-8.30	395.21	96.52	-863.42	11.87	-148.78	-325.99
19515	-4.59	-16.62	-8.30	386.01	105.14	-921.64	2.03	-175.99	-336.17
19516	-5.85	-16.34	-8.30	376.12	114.26	-979.30	-6.69	-205.82	-345.72
19517	-7.09	-15.99	-8.30	365.77	123.63	-1035.66	-14.35	-238.35	-354.37
19518	-8.29	-15.58	-8.30	355.15	133.04	-1089.93	-21.07	-273.57	-361.81
19519	-9.46	-15.11	-8.30	344.33	142.33	-1141.32	-27.06	-311.38	-367.70
19520	-10.60	-14.58	-8.30	333.26	151.40	-1188.99	-32.53	-351.61	-371.60
19521	-11.69	-14.00	-8.30	321.76	160.15	-1232.11	-37.70	-394.14	-373.10
19522	-0.68	-18.88	-8.30	361.64	62.57	-701.57	31.59	-110.53	-351.88
19523	-2.02	-18.79	-8.30	358.28	67.66	-754.42	19.26	-136.06	-366.01
19524	-3.36	-18.61	-8.30	353.97	74.00	-808.09	7.37	-163.91	-379.13
19525	-4.68	-18.35	-8.30	348.72	81.46	-861.98	-3.94	-194.16	-390.92
19526	-5.97	-18.01	-8.30	342.58	89.89	-915.52	-14.57	-226.77	-400.98
19527	-7.23	-17.59	-8.30	335.59	99.15	-968.19	-24.40	-261.59	-408.95
19528	-8.47	-17.09	-8.30	327.80	109.12	-1019.47	-33.36	-298.42	-414.45
19529	-9.66	-16.51	-8.30	319.25	119.69	-1068.87	-41.42	-336.95	-417.16
19530	-10.81	-15.87	-8.30	309.96	130.75	-1115.96	-48.50	-376.81	-416.73
19531	-11.91	-15.15	-8.30	299.88	142.16	-1160.31	-54.62	-417.58	-412.71
19532	-16.80	-9.56	-8.30	247.20	212.91	-1388.25	-56.94	-633.35	-307.62
19533	-16.19	-10.65	-8.30	252.87	201.71	-1351.72	-61.54	-604.41	-335.41
19534	-15.52	-11.69	-8.30	259.38	189.63	-1312.88	-64.80	-573.67	-360.25
19535	-15.79	-9.48	-8.30	284.69	208.14	-1431.02	-39.18	-570.30	-291.90
19536	-15.37	-10.42	-8.30	284.52	200.73	-1395.75	-43.96	-554.52	-317.83
19537	-14.91	-11.34	-8.30	284.84	192.11	-1357.81	-48.12	-536.71	-340.90
19538	-14.78	-9.40	-8.30	312.34	201.99	-1433.54	-28.21	-499.77	-268.64
19539	-14.55	-10.21	-8.30	308.99	197.75	-1408.79	-32.15	-498.22	-294.26
19540	-14.30	-11.00	-8.30	306.46	192.35	-1379.78	-36.36	-491.51	-318.37
19541	-12.93	-14.37	-8.30	289.57	153.16	-1201.67	-59.69	-458.50	-407.39
19542	-12.65	-13.39	-8.30	311.35	167.89	-1268.52	-42.25	-434.49	-373.16
19543	-12.36	-12.43	-8.30	330.15	175.69	-1303.27	-30.95	-402.93	-330.85
19544	-13.86	-13.54	-8.30	279.38	164.94	-1240.02	-63.24	-497.52	-396.27
19545	-13.48	-12.78	-8.30	301.45	175.56	-1298.89	-45.86	-470.82	-367.39
19546	-13.10	-12.03	-8.30	320.13	181.12	-1330.96	-33.79	-437.51	-332.12
19547	-14.74	-12.66	-8.30	268.81	176.78	-1275.73	-65.56	-535.85	-381.82
19548	-14.28	-12.13	-8.30	290.95	183.36	-1325.68	-48.90	-506.59	-359.33
19549	-13.81	-11.61	-8.30	309.72	186.85	-1354.01	-36.60	-472.63	-329.20
19550	-21.43	-9.79	-2.70	-4.09	77.73	4.05	-2.62	8.10	32.58
19551	-20.65	-11.34	-2.70	-8.40	68.57	3.63	-2.52	3.45	34.78
19552	-19.76	-12.83	-2.70	-13.25	58.74	3.22	-0.61	-1.25	37.10
19553	-18.76	-14.25	-2.70	-20.53	48.91	3.11	3.16	-6.32	39.20
19554	-17.66	-15.59	-2.70	-30.85	39.55	3.08	8.37	-11.69	40.71
19555	-16.47	-16.85	-2.70	-44.63	31.11	3.07	14.52	-17.23	41.46
19556	-15.18	-18.02	-2.70	-62.17	24.00	3.07	21.03	-22.77	41.41
19557	-13.81	-19.09	-2.70	-83.69	18.50	3.07	27.24	-28.16	40.52
19558	-12.37	-20.05	-2.70	-109.24	14.76	3.07	32.40	-33.22	38.82
19559	-10.86	-20.91	-2.70	-138.72	12.77	3.08	35.73	-37.80	36.35
19560	-9.29	-21.65	-2.70	-171.79	12.33	3.08	36.40	-41.76	33.19
19561	-7.67	-22.28	-2.70	-207.92	13.07	3.09	33.65	-44.95	29.43
19562	-6.01	-22.78	-2.70	-246.39	14.41	3.09	26.80	-47.27	25.23
19563	-4.32	-23.17	-2.70	-286.35	15.60	3.08	15.29	-48.66	20.73
19564	-2.60	-23.42	-2.70	-326.88	15.75	3.08	-1.26	-49.03	16.11
19565	-0.87	-23.55	-2.70	-366.91	13.89	3.14	-23.01	-48.29	11.53
19566	-20.51	-9.75	-2.70	-68.96	78.69	-26.36	24.66	-24.51	11.86
19567	-19.75	-11.21	-2.70	-79.45	77.18	-26.42	22.64	-25.74	10.44
19568	-18.89	-12.62	-2.70	-89.82	76.11	-25.95	20.98	-26.98	10.41
19569	-17.92	-13.96	-2.70	-101.80	75.20	-25.03	19.34	-28.28	10.82
19570	-16.86	-15.22	-2.70	-115.83	73.98	-23.99	17.39	-29.75	11.06
19571	-15.71	-16.41	-2.70	-131.87	72.35	-22.91	14.92	-31.31	11.01
19572	-14.48	-17.51	-2.70	-149.80	70.27	-21.80	11.71	-32.90	10.64
19573	-13.17	-18.52	-2.70	-169.55	67.72	-20.65	7.58	-34.43	9.93
19574	-11.79	-19.42	-2.70	-191.01	64.72	-19.49	2.36	-35.83	8.89
19575	-10.35	-20.23	-2.70	-214.08	61.24	-18.29	-4.18	-37.02	7.53
19576	-8.85	-20.93	-2.70	-238.60	57.24	-17.08	-12.26	-37.92	5.89
19577	-7.30	-21.52	-2.70	-264.36	52.60	-15.87	-22.11	-38.48	4.01
19578	-5.72	-21.99	-2.70	-291.14	47.18	-14.66	-33.94	-38.66	1.93
19579	-4.11	-22.35	-2.70	-318.74	40.80	-13.46	-47.93	-38.43	-0.26
19580	-2.47	-22.59	-2.70	-346.96	33.22	-12.28	-64.25	-37.77	-2.50
19581	-0.83	-22.71	-2.70	-375.57	24.17	-11.10	-82.99	-36.61	-4.70
19582	-19.60	-9.70	-2.70	-262.49	32.45	-61.95	3.32	-112.81	-29.25
19583	-18.85	-11.08	-2.70	-266.43	33.30	-61.10	-5.37	-108.30	-36.51
19584	-18.01	-12.41	-2.70	-269.76	35.52	-59.29	-13.01	-102.78	-40.52
19585	-17.08	-13.67	-2.70	-274.15	37.44	-57.10	-21.01	-97.35	-43.50
19586	-16.06	-14.85	-2.70	-279.60	38.36	-54.97	-29.55	-91.97	-46.00
19587	-14.95	-15.97	-2.70	-285.86	37.98	-52.76	-38.68	-86.61	-48.05
19588	-13.77	-17.00	-2.70	-292.72	36.09	-50.56	-48.28	-81.27	-49.72
19589	-12.52	-17.94	-2.70	-300.01	32.66	-48.27	-58.22	-75.96	-50.95
19590	-11.20	-18.79	-2.70	-307.70	27.74	-45.90	-68.33	-70.69	-51.79
19591	-9.83	-19.55	-2.70	-315.84	21.46	-43.45	-78.50	-65.43	-52.26
19592	-8.41	-20.20	-2.70	-324.50	13.93	-40.93	-88.65	-60.24	-52.33
19593	-6.94	-20.76	-2.70	-333.88	5.29	-38.37	-98.74	-55.14	-52.05
19594	-5.43	-21.20	-2.70	-344.20	-4.26	-35.78	-108.76	-50.15	-51.45
19595	-3.90	-21.54	-2.70	-355.77	-14.54	-33.21	-118.78	-45.31	-50.57
19596	-2.35	-21.76	-2.70	-368.96	-25.31	-30.66	-128.94	-40.63	-49.42
19597	-0.78	-21.87	-2.70	-384.11	-36.41	-28.15	-139.42	-36.07	-48.05
19598	-18.68	-9.66	-2.70	-712.12	-97.48	-92.90	-126.98	-307.16	-127.08
19599	-17.95	-10.95	-2.70	-685.33	-103.73	-91.40	-147.81	-287.80	-142.58
19600	-17.14	-12.19	-2.70	-659.05	-109.44	-87.48	-165.99	-267.87	-153.99
19601	-16.24	-13.37	-2.70	-633.09	-116.16	-83.30	-182.61	-247.98	-163.74
19602	-15.26	-14.48	-2.70	-607.25	-124.32	-78.80	-197.63	-228.09	-171.38

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
19603	-14.20	-15.53	-2.70	-581.55	-134.24	-74.81	-210.86	-208.30	-177.62
19604	-13.07	-16.49	-2.70	-555.76	-145.52	-70.72	-222.05	-188.49	-181.87
19605	-11.88	-17.37	-2.70	-530.20	-158.13	-66.85	-230.82	-168.99	-184.33
19606	-10.62	-18.17	-2.70	-505.12	-171.46	-63.20	-236.95	-149.66	-185.16
19607	-9.32	-18.87	-2.70	-480.95	-184.93	-59.51	-240.34	-130.76	-183.97
19608	-7.96	-19.48	-2.70	-458.30	-198.22	-55.82	-240.96	-112.55	-181.01
19609	-6.57	-19.99	-2.70	-437.89	-210.86	-52.15	-238.91	-95.20	-176.43
19610	-5.14	-20.41	-2.70	-420.46	-222.39	-48.49	-234.37	-78.90	-170.42
19611	-3.69	-20.72	-2.70	-406.80	-232.35	-44.87	-227.69	-63.78	-163.21
19612	-2.22	-20.93	-2.70	-397.68	-240.31	-41.29	-219.28	-49.92	-155.01
19613	-0.74	-21.03	-2.70	-393.87	-245.91	-37.80	-209.68	-37.37	-146.10
19614	-17.76	-9.62	-2.70	-1784.45	-572.59	-1407.15	-436.21	-1222.07	-566.87
19615	-17.06	-10.82	-2.70	-1692.68	-591.19	-1355.72	-478.76	-1146.70	-615.98
19616	-16.27	-11.98	-2.70	-1599.55	-612.89	-1305.61	-516.51	-1070.00	-661.29
19617	-15.40	-13.08	-2.70	-1505.51	-637.42	-1260.69	-546.66	-994.74	-697.57
19618	-14.46	-14.11	-2.70	-1411.04	-665.21	-1221.05	-570.62	-919.66	-731.66
19619	-13.44	-15.08	-2.70	-1314.54	-693.54	-1179.85	-587.25	-842.95	-757.76
19620	-12.37	-15.98	-2.70	-1218.67	-722.69	-1138.79	-596.28	-767.50	-776.86
19621	-11.23	-16.80	-2.70	-1122.01	-751.78	-1095.48	-597.72	-690.30	-790.94
19622	-10.04	-17.54	-2.70	-1025.74	-777.95	-1048.14	-590.53	-612.60	-795.74
19623	-8.80	-18.19	-2.70	-931.72	-800.88	-998.17	-575.06	-535.70	-792.71
19624	-7.52	-18.76	-2.70	-841.64	-819.54	-946.03	-551.56	-460.42	-782.15
19625	-6.20	-19.23	-2.70	-757.22	-832.98	-892.38	-520.55	-387.60	-764.56
19626	-4.86	-19.62	-2.70	-680.19	-840.37	-837.90	-482.82	-318.01	-740.64
19627	-3.49	-19.90	-2.70	-612.25	-841.00	-783.33	-439.35	-252.28	-711.22
19628	-2.10	-20.10	-2.70	-554.97	-834.35	-729.46	-391.30	-190.86	-677.28
19629	-0.70	-20.20	-2.70	-509.67	-819.91	-676.90	-339.90	-133.80	-639.65
19630	-21.43	-9.79	-4.10	-18.23	148.98	-24.30	-62.07	-42.26	51.65
19631	-20.65	-11.34	-4.10	-10.21	131.38	-23.78	-68.73	-49.84	56.39
19632	-19.76	-12.83	-4.10	-2.30	111.28	-23.74	-71.51	-57.60	59.52
19633	-18.76	-14.25	-4.10	3.79	90.45	-22.92	-70.41	-65.87	61.89
19634	-17.66	-15.59	-4.10	7.32	70.12	-21.71	-65.97	-74.65	63.26
19635	-16.47	-16.85	-4.10	7.63	51.09	-20.34	-58.77	-83.72	63.32
19636	-15.18	-18.02	-4.10	4.14	34.03	-18.87	-49.43	-92.74	61.91
19637	-13.81	-19.09	-4.10	-3.61	19.45	-17.32	-38.72	-101.39	58.98
19638	-12.37	-20.05	-4.10	-15.92	7.70	-15.70	-27.48	-109.32	54.54
19639	-10.86	-20.91	-4.10	-32.88	-1.03	-14.01	-16.67	-116.21	48.69
19640	-9.29	-21.65	-4.10	-54.33	-6.81	-12.29	-7.27	-121.73	41.59
19641	-7.67	-22.28	-4.10	-79.84	-9.89	-10.54	-0.26	-125.61	33.44
19642	-6.01	-22.78	-4.10	-108.74	-10.79	-8.83	3.46	-127.64	24.53
19643	-4.32	-23.17	-4.10	-140.15	-10.24	-7.15	3.16	-127.65	15.19
19644	-2.60	-23.42	-4.10	-173.05	-9.11	-5.46	-1.72	-125.52	5.76
19645	-0.87	-23.55	-4.10	-206.27	-8.43	-3.58	-11.46	-120.98	-3.35
19646	-20.51	-9.75	-4.10	-154.51	106.69	-145.53	-79.03	-161.40	-14.79
19647	-19.75	-11.21	-4.10	-141.88	90.60	-142.63	-89.18	-159.14	-19.53
19648	-18.89	-12.62	-4.10	-129.39	72.50	-138.96	-95.40	-156.20	-23.72
19649	-17.92	-13.96	-4.10	-118.14	54.01	-134.20	-98.22	-153.17	-27.06
19650	-16.86	-15.22	-4.10	-108.82	35.86	-129.02	-98.01	-150.28	-30.08
19651	-15.71	-16.41	-4.10	-101.95	18.52	-123.58	-95.16	-147.45	-33.04
19652	-14.48	-17.51	-4.10	-97.95	2.48	-117.95	-90.13	-144.56	-36.05
19653	-13.17	-18.52	-4.10	-97.23	-11.86	-112.13	-83.43	-141.51	-39.15
19654	-11.79	-19.42	-4.10	-100.06	-24.14	-106.12	-75.65	-138.17	-42.34
19655	-10.35	-20.23	-4.10	-106.64	-34.12	-99.95	-67.48	-134.41	-45.60
19656	-8.85	-20.93	-4.10	-116.99	-41.70	-93.66	-59.67	-130.15	-48.90
19657	-7.30	-21.52	-4.10	-130.96	-46.99	-87.30	-53.00	-125.31	-52.19
19658	-5.72	-21.99	-4.10	-148.22	-50.26	-80.96	-48.18	-119.83	-55.40
19659	-4.11	-22.35	-4.10	-168.30	-51.92	-74.70	-45.86	-113.70	-58.45
19660	-2.47	-22.59	-4.10	-190.64	-52.53	-68.52	-46.57	-106.88	-61.22
19661	-0.83	-22.71	-4.10	-214.58	-52.76	-62.34	-50.67	-99.21	-63.57
19662	-19.60	-9.70	-4.10	-376.87	35.65	-246.63	-138.10	-384.55	-127.09
19663	-18.85	-11.08	-4.10	-350.85	16.76	-241.00	-153.81	-366.20	-144.63
19664	-18.01	-12.41	-4.10	-325.09	-3.95	-233.50	-165.09	-346.27	-159.24
19665	-17.08	-13.67	-4.10	-299.93	-25.11	-225.05	-172.35	-325.98	-171.37
19666	-16.06	-14.85	-4.10	-275.99	-46.05	-216.25	-175.79	-305.41	-181.36
19667	-14.95	-15.97	-4.10	-253.86	-66.36	-207.32	-175.68	-284.67	-189.43
19668	-13.77	-17.00	-4.10	-234.09	-85.48	-198.18	-172.33	-263.84	-195.61
19669	-12.52	-17.94	-4.10	-217.14	-102.94	-188.82	-166.15	-243.04	-199.93
19670	-11.20	-18.79	-4.10	-203.46	-118.29	-179.25	-157.59	-222.36	-202.44
19671	-9.83	-19.55	-4.10	-193.47	-131.05	-169.44	-147.26	-201.91	-203.14
19672	-8.41	-20.20	-4.10	-187.46	-140.99	-159.43	-135.88	-181.88	-202.12
19673	-6.94	-20.76	-4.10	-185.56	-148.05	-149.31	-124.21	-162.43	-199.54
19674	-5.43	-21.20	-4.10	-187.75	-152.34	-139.17	-112.98	-143.71	-195.57
19675	-3.90	-21.54	-4.10	-193.93	-154.08	-129.10	-102.91	-125.85	-190.40
19676	-2.35	-21.76	-4.10	-203.86	-153.62	-119.17	-94.63	-108.88	-184.19
19677	-0.78	-21.87	-4.10	-217.23	-151.42	-109.39	-88.65	-92.74	-177.12
19678	-18.68	-9.66	-4.10	-668.97	-97.05	-652.74	-218.58	-794.62	-340.47
19679	-17.95	-10.95	-4.10	-627.08	-118.06	-630.82	-239.77	-747.66	-375.69
19680	-17.14	-12.19	-4.10	-584.84	-141.56	-608.90	-256.76	-699.97	-407.06
19681	-16.24	-13.37	-4.10	-541.91	-165.69	-587.01	-268.55	-651.15	-433.52
19682	-15.26	-14.48	-4.10	-499.20	-190.02	-565.61	-275.39	-601.49	-455.34
19683	-14.20	-15.53	-4.10	-457.45	-213.58	-544.07	-277.22	-551.09	-472.25
19684	-13.07	-16.49	-4.10	-417.57	-235.80	-522.16	-274.51	-500.48	-484.24
19685	-11.88	-17.37	-4.10	-379.94	-256.27	-499.70	-267.55	-450.00	-491.39
19686	-10.62	-18.17	-4.10	-345.30	-274.13	-476.36	-256.59	-399.82	-493.65
19687	-9.32	-18.87	-4.10	-314.45	-288.81	-452.14	-242.29	-350.64	-490.96
19688	-7.96	-19.48	-4.10	-287.93	-299.98	-427.24	-225.40	-303.08	-483.67
19689	-6.57	-19.99	-4.10	-266.18	-307.45	-401.89	-206.66	-257.62	-472.25
19690	-5.14	-20.41	-4.10	-249.56	-311.15	-376.33	-186.86	-214.71	-457.19
19691	-3.69	-20.72	-4.10	-238.28	-311.15	-350.84	-166.79	-174.68	-439.07
19692	-2.22	-20.93	-4.10	-232.48	-307.66	-325.67	-147.19	-137.72	-418.48
19693	-0.74	-21.03	-4.10	-232.17	-300.95	-301.10	-128.77	-103.87	-396.02
19694	-17.76	-9.62	-4.10	-634.47	-161.98	-1475.34	-145.62	-1052.87	-492.41
19695	-17.06	-10.82	-4.10	-612.60	-169.42	-1430.62	-166.03	-996.67	-539.31
19696	-16.27	-11.98	-4.10	-585.42	-178.73	-1386.04	-183.69	-935.88	-581.52
19697	-15.40	-13.08	-4.10	-554.46	-189.33	-1340.03	-198.04	-870.92	-616.53
19698	-14.46	-14.11	-4.10	-521.20	-199.47	-1292.61	-208.22	-802.87	-644.01
19699	-13.44	-15.08	-4.10	-487.53	-209.59	-1243.86	-215.20	-733.31	-664.10
19700	-12.37	-15.98	-4.10	-453.80	-219.38	-1194.23	-219.20	-664.20	-676.85
19701	-11.23	-16.80	-4.10	-420.29	-229.13	-1143.19	-220.37	-594.78	-684.23



Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
19702	-10.04	-17.54	-4.10	-387.96	-238.56	-1090.07	-218.64	-526.06	-684.82
19703	-8.80	-18.19	-4.10	-357.29	-247.33	-1035.27	-214.26	-459.13	-679.16
19704	-7.52	-18.76	-4.10	-328.78	-255.24	-979.24	-207.36	-394.59	-667.78
19705	-6.20	-19.23	-4.10	-302.97	-261.99	-922.40	-198.14	-333.00	-651.21
19706	-4.86	-19.62	-4.10	-280.40	-267.31	-865.26	-186.85	-274.83	-630.06
19707	-3.49	-19.90	-4.10	-261.61	-270.92	-808.40	-173.82	-220.48	-605.00
19708	-2.10	-20.10	-4.10	-247.09	-272.55	-752.44	-159.42	-170.14	-576.79
19709	-0.70	-20.20	-4.10	-237.35	-271.98	-697.97	-144.10	-123.84	-546.14
19710	-21.43	-9.79	-5.50	-3.22	219.34	-145.46	-99.51	-115.53	45.85
19711	-20.65	-11.34	-5.50	11.46	195.00	-142.32	-110.40	-121.93	48.51
19712	-19.76	-12.83	-5.50	26.90	168.66	-138.67	-116.68	-128.82	50.34
19713	-18.76	-14.25	-5.50	41.17	141.22	-134.03	-118.25	-136.18	51.15
19714	-17.66	-15.59	-5.50	53.53	113.97	-128.54	-115.44	-144.01	50.89
19715	-16.47	-16.85	-5.50	63.16	87.97	-122.55	-108.76	-152.07	49.31
19716	-15.18	-18.02	-5.50	69.34	64.04	-116.18	-98.82	-160.02	46.23
19717	-13.81	-19.09	-5.50	71.46	42.83	-109.50	-86.35	-167.46	41.57
19718	-12.37	-20.05	-5.50	69.09	24.83	-102.54	-72.21	-174.01	35.37
19719	-10.86	-20.91	-5.50	61.99	10.33	-95.32	-57.35	-179.26	27.70
19720	-9.29	-21.65	-5.50	50.18	-0.56	-87.91	-42.78	-182.84	18.76
19721	-7.67	-22.28	-5.50	33.97	-7.98	-80.41	-29.51	-184.41	8.78
19722	-6.01	-22.78	-5.50	13.93	-12.32	-72.97	-18.51	-183.71	-1.93
19723	-4.32	-23.17	-5.50	-9.11	-14.16	-65.67	-10.57	-180.57	-12.97
19724	-2.60	-23.42	-5.50	-34.21	-14.24	-58.42	-6.32	-174.88	-23.92
19725	-0.87	-23.55	-5.50	-60.35	-13.48	-50.84	-6.12	-166.37	-34.28
19726	-20.51	-9.75	-5.50	-117.82	163.73	-333.49	-122.77	-304.04	-54.70
19727	-19.75	-11.21	-5.50	-96.73	139.62	-325.81	-135.54	-296.01	-65.22
19728	-18.89	-12.62	-5.50	-75.68	113.78	-316.36	-143.58	-287.18	-74.40
19729	-17.92	-13.96	-5.50	-55.32	87.16	-305.68	-146.98	-277.99	-82.54
19730	-16.86	-15.22	-5.50	-36.48	60.87	-294.11	-145.97	-268.64	-89.75
19731	-15.71	-16.41	-5.50	-19.93	35.77	-281.94	-140.94	-259.15	-96.24
19732	-14.48	-17.51	-5.50	-6.35	12.58	-269.25	-132.43	-249.48	-102.14
19733	-13.17	-18.52	-5.50	3.65	-8.10	-256.10	-121.04	-239.55	-107.50
19734	-11.79	-19.42	-5.50	9.62	-25.79	-242.50	-107.51	-229.28	-112.37
19735	-10.35	-20.23	-5.50	11.22	-40.12	-228.50	-92.66	-218.57	-116.75
19736	-8.85	-20.93	-5.50	8.36	-50.92	-214.20	-77.42	-207.35	-120.63
19737	-7.30	-21.52	-5.50	1.15	-58.26	-199.74	-62.70	-195.54	-124.00
19738	-5.72	-21.99	-5.50	-10.03	-62.38	-185.32	-49.41	-183.14	-126.87
19739	-4.11	-22.35	-5.50	-24.63	-63.72	-171.07	-38.34	-170.14	-129.17
19740	-2.47	-22.59	-5.50	-41.96	-62.88	-157.02	-30.15	-156.55	-130.82
19741	-0.83	-22.71	-5.50	-61.33	-60.58	-142.95	-25.30	-142.21	-131.63
19742	-19.60	-9.70	-5.50	-252.94	98.21	-537.05	-159.08	-554.85	-189.10
19743	-18.85	-11.08	-5.50	-224.56	73.23	-522.51	-173.99	-528.32	-213.78
19744	-18.01	-12.41	-5.50	-195.88	46.67	-506.15	-184.35	-500.46	-235.19
19745	-17.08	-13.67	-5.50	-167.29	19.49	-488.76	-189.80	-471.55	-253.49
19746	-16.06	-14.85	-5.50	-139.63	-7.31	-470.65	-190.47	-441.89	-268.73
19747	-14.95	-15.97	-5.50	-113.75	-32.89	-451.93	-186.67	-411.71	-280.97
19748	-13.77	-17.00	-5.50	-90.43	-56.58	-432.62	-178.87	-381.28	-290.30
19749	-12.52	-17.94	-5.50	-70.30	-77.79	-412.68	-167.62	-350.79	-296.80
19750	-11.20	-18.79	-5.50	-53.89	-96.00	-392.10	-153.54	-320.45	-300.54
19751	-9.83	-19.55	-5.50	-41.67	-110.77	-370.93	-137.38	-290.47	-301.62
19752	-8.41	-20.20	-5.50	-33.91	-121.86	-349.28	-120.03	-261.11	-300.19
19753	-6.94	-20.76	-5.50	-30.66	-129.26	-327.35	-102.36	-232.60	-296.49
19754	-5.43	-21.20	-5.50	-31.75	-133.11	-305.37	-85.23	-205.14	-290.78
19755	-3.90	-21.54	-5.50	-36.88	-133.74	-283.55	-69.46	-178.90	-283.35
19756	-2.35	-21.76	-5.50	-45.64	-131.58	-262.01	-55.74	-153.97	-274.45
19757	-0.78	-21.87	-5.50	-57.53	-127.21	-240.80	-44.62	-130.26	-264.26
19758	-18.68	-9.66	-5.50	-299.02	40.99	-909.36	-155.53	-802.32	-335.13
19759	-17.95	-10.95	-5.50	-273.72	20.25	-882.65	-170.11	-759.54	-372.08
19760	-17.14	-12.19	-5.50	-246.43	-1.57	-854.63	-180.95	-714.50	-404.34
19761	-16.24	-13.37	-5.50	-218.18	-23.98	-825.65	-187.59	-667.28	-431.74
19762	-15.26	-14.48	-5.50	-189.89	-46.10	-795.73	-189.94	-618.37	-453.94
19763	-14.20	-15.53	-5.50	-162.62	-67.27	-764.96	-188.25	-568.50	-470.94
19764	-13.07	-16.49	-5.50	-137.08	-86.95	-733.25	-183.00	-518.28	-482.89
19765	-11.88	-17.37	-5.50	-113.77	-104.87	-700.58	-174.58	-468.21	-489.97
19766	-10.62	-18.17	-5.50	-93.24	-120.58	-666.88	-163.35	-418.66	-492.38
19767	-9.32	-18.87	-5.50	-76.02	-133.65	-632.19	-149.89	-370.18	-490.18
19768	-7.96	-19.48	-5.50	-62.40	-143.86	-596.75	-134.84	-323.33	-483.71
19769	-6.57	-19.99	-5.50	-52.57	-151.11	-560.87	-118.88	-278.55	-473.41
19770	-5.14	-20.41	-5.50	-46.57	-155.43	-524.87	-102.64	-236.22	-459.78
19771	-3.69	-20.72	-5.50	-44.35	-156.93	-489.09	-86.76	-196.62	-443.35
19772	-2.22	-20.93	-5.50	-45.78	-155.83	-453.83	-71.85	-159.90	-424.66
19773	-0.74	-21.03	-5.50	-50.65	-152.42	-419.40	-58.38	-126.05	-404.23
19774	-17.76	-9.62	-5.50	-245.09	4.30	-1400.26	-99.59	-883.48	-407.91
19775	-17.06	-10.82	-5.50	-230.27	-5.57	-1361.10	-111.25	-837.47	-448.15
19776	-16.27	-11.98	-5.50	-212.80	-16.38	-1320.02	-120.85	-787.57	-483.32
19777	-15.40	-13.08	-5.50	-193.97	-28.23	-1277.29	-128.03	-734.38	-513.06
19778	-14.46	-14.11	-5.50	-174.75	-40.43	-1232.78	-132.55	-679.03	-536.64
19779	-13.44	-15.08	-5.50	-155.68	-52.31	-1186.40	-134.75	-622.34	-554.23
19780	-12.37	-15.98	-5.50	-137.16	-63.99	-1138.58	-134.84	-565.75	-565.73
19781	-11.23	-16.80	-5.50	-119.20	-75.38	-1089.26	-132.89	-509.07	-572.49
19782	-10.04	-17.54	-5.50	-102.32	-86.02	-1038.22	-128.84	-452.94	-573.82
19783	-8.80	-18.19	-5.50	-86.96	-95.74	-985.78	-122.95	-398.18	-570.07
19784	-7.52	-18.76	-5.50	-73.39	-104.33	-932.32	-115.47	-345.37	-561.66
19785	-6.20	-19.23	-5.50	-61.90	-111.60	-878.24	-106.65	-295.00	-549.09
19786	-4.86	-19.62	-5.50	-52.75	-117.41	-823.99	-96.82	-247.46	-532.88
19787	-3.49	-19.90	-5.50	-46.14	-121.65	-770.08	-86.31	-203.05	-513.60
19788	-2.10	-20.10	-5.50	-42.22	-124.23	-717.01	-75.46	-161.93	-491.84
19789	-0.70	-20.20	-5.50	-41.10	-125.10	-665.32	-64.61	-124.12	-468.20
19790	-21.43	-9.79	-6.90	21.93	273.60	-353.47	-121.27	-165.38	37.19
19791	-20.65	-11.34	-6.90	40.06	246.14	-345.55	-134.89	-170.17	38.34
19792	-19.76	-12.83	-6.90	59.79	216.47	-335.98	-143.79	-175.86	38.90
19793	-18.76	-14.25	-6.90	79.12	185.58	-324.81	-147.71	-182.02	38.50
19794	-17.66	-15.59	-6.90	97.26	154.61	-312.32	-146.79	-188.57	36.98
19795	-16.47	-16.85	-6.90	113.32	124.64	-298.82	-141.40	-195.26	34.19
19796	-15.18	-18.02	-6.90	126.50	96.54	-284.53	-132.07	-201.77	30.00
19797	-13.81	-19.09	-6.90	136.14	71.04	-269.53	-119.46	-207.72	24.32
19798	-12.37	-20.05	-6.90	141.72	48.72	-253.91	-104.33	-212.71	17.16
19799	-10.86	-20.91	-6.90	142.89	29.97	-237.73	-87.57	-216.31	8.60
19800	-9.29	-21.65	-6.90	139.56	15.01	-221.13	-70.11	-218.12	-1.17

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
19801	-7.67	-22.28	-6.90	131.90	3.81	-204.31	-52.92	-217.74	-11.93
19802	-6.01	-22.78	-6.90	120.38	-3.83	-187.58	-36.90	-214.86	-23.36
19803	-4.32	-23.17	-6.90	105.73	-8.33	-171.22	-22.84	-209.34	-35.06
19804	-2.60	-23.42	-6.90	88.76	-10.23	-155.15	-11.41	-201.22	-46.55
19805	-0.87	-23.55	-6.90	70.15	-10.23	-138.68	-3.01	-190.36	-57.26
19806	-20.51	-9.75	-6.90	-37.49	224.87	-543.70	-136.48	-386.32	-78.99
19807	-19.75	-11.21	-6.90	-14.88	198.01	-530.20	-150.13	-374.91	-92.62
19808	-18.89	-12.62	-6.90	8.23	169.08	-514.66	-158.94	-362.79	-104.95
19809	-17.92	-13.96	-6.90	31.32	139.25	-497.49	-162.89	-350.09	-115.99
19810	-16.86	-15.22	-6.90	53.43	109.58	-479.05	-162.06	-336.99	-125.81
19811	-15.71	-16.41	-6.90	73.73	81.01	-459.55	-156.76	-323.56	-134.50
19812	-14.48	-17.51	-6.90	91.43	54.34	-439.14	-147.46	-309.86	-142.16
19813	-13.17	-18.52	-6.90	105.87	30.25	-417.89	-134.77	-295.86	-148.90
19814	-11.79	-19.42	-6.90	116.53	9.27	-395.86	-119.39	-281.49	-154.77
19815	-10.35	-20.23	-6.90	123.04	-8.19	-373.15	-102.12	-266.69	-159.82
19816	-8.85	-20.93	-6.90	125.24	-21.91	-349.92	-83.84	-251.38	-164.07
19817	-7.30	-21.52	-6.90	123.21	-31.87	-326.40	-65.42	-235.49	-167.55
19818	-5.72	-21.99	-6.90	117.29	-38.26	-302.91	-47.75	-218.97	-170.31
19819	-4.11	-22.35	-6.90	108.07	-41.41	-279.76	-31.61	-201.85	-172.35
19820	-2.47	-22.59	-6.90	96.18	-41.79	-257.01	-17.71	-184.26	-173.56
19821	-0.83	-22.71	-6.90	82.14	-39.96	-234.23	-6.56	-166.16	-173.68
19822	-19.60	-9.70	-6.90	-78.69	180.10	-746.98	-146.62	-589.93	-196.90
19823	-18.85	-11.08	-6.90	-54.59	154.41	-726.96	-159.63	-563.38	-222.73
19824	-18.01	-12.41	-6.90	-29.55	127.05	-704.97	-168.29	-535.22	-245.56
19825	-17.08	-13.67	-6.90	-4.21	99.03	-681.44	-172.30	-505.68	-265.25
19826	-16.06	-14.85	-6.90	20.55	71.28	-656.65	-171.72	-475.09	-281.73
19827	-14.95	-15.97	-6.90	43.87	44.66	-630.75	-166.79	-443.82	-295.02
19828	-13.77	-17.00	-6.90	64.96	19.87	-603.81	-157.95	-412.22	-305.22
19829	-12.52	-17.94	-6.90	83.21	-2.52	-575.88	-145.74	-380.56	-312.47
19830	-11.20	-18.79	-6.90	98.10	-22.03	-547.00	-130.76	-349.04	-316.90
19831	-9.83	-19.55	-6.90	109.24	-38.26	-517.29	-113.70	-317.88	-318.66
19832	-8.41	-20.20	-6.90	116.41	-50.99	-486.94	-95.33	-287.29	-317.91
19833	-6.94	-20.76	-6.90	119.63	-60.17	-456.21	-76.46	-257.48	-314.91
19834	-5.43	-21.20	-6.90	119.09	-65.92	-425.42	-57.86	-228.61	-309.95
19835	-3.90	-21.54	-6.90	115.18	-68.51	-394.89	-40.27	-200.85	-303.32
19836	-2.35	-21.76	-6.90	108.34	-68.27	-364.79	-24.38	-174.33	-295.24
19837	-0.78	-21.87	-6.90	98.98	-65.62	-335.05	-10.67	-148.99	-285.77
19838	-18.68	-9.66	-6.90	-62.13	144.81	-1024.76	-129.82	-740.90	-300.91
19839	-17.95	-10.95	-6.90	-42.20	123.99	-996.50	-140.62	-703.58	-334.74
19840	-17.14	-12.19	-6.90	-20.76	101.76	-966.37	-148.05	-663.82	-364.55
19841	-16.24	-13.37	-6.90	1.40	79.00	-934.61	-151.75	-621.91	-389.92
19842	-15.26	-14.48	-6.90	23.40	56.38	-901.41	-151.67	-578.36	-410.66
19843	-14.20	-15.53	-6.90	44.43	34.67	-866.81	-147.99	-533.90	-426.64
19844	-13.07	-16.49	-6.90	63.87	14.36	-830.90	-141.15	-489.08	-438.08
19845	-11.88	-17.37	-6.90	81.28	-4.25	-793.74	-131.50	-444.41	-445.17
19846	-10.62	-18.17	-6.90	96.24	-20.74	-755.37	-119.40	-400.21	-448.17
19847	-9.32	-18.87	-6.90	108.36	-34.76	-715.93	-105.37	-356.93	-447.18
19848	-7.96	-19.48	-6.90	117.43	-46.11	-675.70	-89.99	-315.02	-442.51
19849	-6.57	-19.99	-6.90	123.40	-54.73	-634.98	-73.83	-274.85	-434.56
19850	-5.14	-20.41	-6.90	126.33	-60.63	-594.15	-57.48	-236.73	-423.76
19851	-3.69	-20.72	-6.90	126.39	-63.94	-553.57	-41.51	-200.89	-410.59
19852	-2.22	-20.93	-6.90	123.82	-64.82	-513.55	-26.43	-167.46	-395.47
19853	-0.74	-21.03	-6.90	118.86	-63.49	-474.34	-12.66	-136.40	-378.77
19854	-17.76	-9.62	-6.90	6.24	123.82	-1329.11	-85.14	-773.12	-352.79
19855	-17.06	-10.82	-6.90	17.97	111.08	-1293.66	-92.87	-733.53	-387.79
19856	-16.27	-11.98	-6.90	31.47	97.09	-1255.93	-98.58	-690.75	-418.58
19857	-15.40	-13.08	-6.90	45.96	82.34	-1216.08	-101.85	-645.11	-444.69
19858	-14.46	-14.11	-6.90	60.55	67.68	-1174.19	-102.56	-597.73	-465.30
19859	-13.44	-15.08	-6.90	74.66	53.49	-1130.35	-101.12	-549.34	-480.93
19860	-12.37	-15.98	-6.90	87.91	39.77	-1084.85	-97.77	-501.05	-491.36
19861	-11.23	-16.80	-6.90	100.34	26.62	-1037.75	-92.62	-452.83	-497.68
19862	-10.04	-17.54	-6.90	111.53	14.46	-989.10	-85.73	-405.16	-499.49
19863	-8.80	-18.19	-6.90	121.21	3.45	-939.17	-77.36	-358.67	-497.05
19864	-7.52	-18.76	-6.90	129.22	-6.25	-888.34	-67.78	-313.84	-490.73
19865	-6.20	-19.23	-6.90	135.46	-14.49	-836.97	-57.28	-271.08	-480.95
19866	-4.86	-19.62	-6.90	139.85	-21.22	-785.50	-46.16	-230.71	-468.17
19867	-3.49	-19.90	-6.90	142.39	-26.36	-734.35	-34.74	-192.98	-452.88
19868	-2.10	-20.10	-6.90	143.10	-29.89	-683.97	-23.33	-158.00	-435.56
19869	-0.70	-20.20	-6.90	142.08	-31.78	-634.81	-12.18	-125.73	-416.70
19870	-21.43	-9.79	-8.30	43.74	313.52	-606.01	-135.42	-181.31	33.06
19871	-20.65	-11.34	-8.30	64.03	284.58	-592.07	-151.22	-185.36	33.79
19872	-19.76	-12.83	-8.30	86.82	253.37	-575.41	-162.42	-190.59	33.99
19873	-18.76	-14.25	-8.30	109.97	220.75	-556.45	-168.58	-196.30	33.19
19874	-17.66	-15.59	-8.30	132.68	187.79	-535.60	-169.71	-202.33	31.23
19875	-16.47	-16.85	-8.30	154.05	155.50	-513.22	-166.04	-208.45	28.02
19876	-15.18	-18.02	-8.30	173.26	124.77	-489.53	-157.98	-214.38	23.46
19877	-13.81	-19.09	-8.30	189.60	96.34	-464.68	-146.06	-219.74	17.47
19878	-12.37	-20.05	-8.30	202.50	70.86	-438.78	-130.94	-224.14	10.04
19879	-10.86	-20.91	-8.30	211.54	48.80	-411.98	-113.36	-227.14	1.25
19880	-9.29	-21.65	-8.30	216.52	30.48	-384.47	-94.16	-228.34	-8.74
19881	-7.67	-22.28	-8.30	217.44	16.01	-356.57	-74.17	-227.27	-19.70
19882	-6.01	-22.78	-8.30	214.60	5.33	-328.76	-54.20	-223.54	-31.36
19883	-4.32	-23.17	-8.30	208.65	-1.77	-301.75	-35.00	-216.95	-43.35
19884	-2.60	-23.42	-8.30	200.37	-5.60	-275.71	-17.26	-207.86	-55.14
19885	-0.87	-23.55	-8.30	190.00	-6.57	-249.31	-1.48	-196.69	-66.07
19886	-20.51	-9.75	-8.30	37.01	280.61	-736.09	-143.88	-400.42	-81.96
19887	-19.75	-11.21	-8.30	59.99	252.20	-717.56	-158.49	-388.75	-95.92
19888	-18.89	-12.62	-8.30	84.29	221.62	-696.65	-168.24	-376.39	-108.72
19889	-17.92	-13.96	-8.30	109.20	189.97	-673.68	-173.11	-363.41	-120.30
19890	-16.86	-15.22	-8.30	133.74	158.26	-648.99	-173.09	-349.94	-130.67
19891	-15.71	-16.41	-8.30	157.03	127.42	-622.84	-168.37	-336.09	-139.86
19892	-14.48	-17.51	-8.30	178.28	98.27	-595.35	-159.34	-321.94	-147.94
19893	-13.17	-18.52	-8.30	196.80	71.52	-566.65	-146.50	-307.49	-155.05
19894	-11.79	-19.42	-8.30	212.03	47.75	-536.85	-130.50	-292.68	-161.26
19895	-10.35	-20.23	-8.30	223.58	27.41	-506.11	-112.04	-277.44	-166.64
19896	-8.85	-20.93	-8.30	231.22	10.80	-474.61	-91.91	-261.67	-171.22
19897	-7.30	-21.52	-8.30	234.94	-2.01	-442.68	-70.88	-245.25	-175.05
19898	-5.72	-21.99	-8.30	235.02	-11.08	-410.75	-49.71	-228.05	-178.23
19899	-4.11	-22.35	-8.30	232.01	-16.65	-379.39	-29.15	-210.06	-180.83

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
19900	-2.47	-22.59	-8.30	226.56	-18.98	-348.83	-9.99	-191.63	-182.76
19901	-0.83	-22.71	-8.30	218.90	-18.38	-318.29	7.12	-173.10	-183.53
19902	-19.60	-9.70	-8.30	53.95	252.21	-893.08	-142.30	-564.00	-182.74
19903	-18.85	-11.08	-8.30	76.39	225.50	-869.56	-154.62	-539.80	-207.03
19904	-18.01	-12.41	-8.30	100.13	197.14	-843.83	-162.67	-513.96	-228.68
19905	-17.08	-13.67	-8.30	124.49	167.95	-816.19	-166.24	-486.73	-247.52
19906	-16.06	-14.85	-8.30	148.63	138.86	-786.89	-165.32	-458.46	-263.40
19907	-14.95	-15.97	-8.30	171.72	110.71	-756.10	-160.08	-429.51	-276.28
19908	-13.77	-17.00	-8.30	193.01	84.22	-723.91	-150.88	-400.26	-286.29
19909	-12.52	-17.94	-8.30	211.90	59.96	-690.41	-138.19	-370.95	-293.58
19910	-11.20	-18.79	-8.30	227.89	38.43	-655.71	-122.54	-341.76	-298.31
19911	-9.83	-19.55	-8.30	240.63	20.05	-619.99	-104.57	-312.88	-300.65
19912	-8.41	-20.20	-8.30	249.90	5.07	-583.46	-84.94	-284.46	-300.75
19913	-6.94	-20.76	-8.30	255.70	-6.43	-546.45	-64.35	-256.63	-298.85
19914	-5.43	-21.20	-8.30	258.22	-14.54	-509.34	-43.47	-229.48	-295.26
19915	-3.90	-21.54	-8.30	257.86	-19.43	-472.54	-22.97	-203.16	-290.29
19916	-2.35	-21.76	-8.30	255.07	-21.33	-436.30	-3.57	-177.88	-284.11
19917	-0.78	-21.87	-8.30	250.07	-20.40	-400.41	14.18	-153.73	-276.60
19918	-18.68	-9.66	-8.30	107.15	231.54	-1083.00	-122.44	-664.76	-263.20
19919	-17.95	-10.95	-8.30	125.41	209.13	-1054.20	-131.61	-632.48	-293.19
19920	-17.14	-12.19	-8.30	145.07	185.35	-1023.27	-137.44	-597.94	-319.77
19921	-16.24	-13.37	-8.30	165.44	160.94	-990.40	-139.66	-561.44	-342.51
19922	-15.26	-14.48	-8.30	185.78	136.62	-955.75	-138.18	-523.49	-361.17
19923	-14.20	-15.53	-8.30	205.29	113.14	-919.43	-133.17	-484.77	-375.65
19924	-13.07	-16.49	-8.30	223.41	91.02	-881.53	-125.01	-445.80	-386.18
19925	-11.88	-17.37	-8.30	239.74	70.58	-842.16	-114.02	-406.99	-392.96
19926	-10.62	-18.17	-8.30	253.89	52.25	-801.46	-100.58	-368.63	-396.24
19927	-9.32	-18.87	-8.30	265.57	36.38	-759.62	-85.14	-331.06	-396.16
19928	-7.96	-19.48	-8.30	274.61	23.16	-716.93	-68.22	-294.61	-392.98
19929	-6.57	-19.99	-8.30	280.99	12.67	-673.70	-50.33	-259.60	-387.04
19930	-5.14	-20.41	-8.30	284.84	4.88	-630.32	-31.99	-226.24	-378.74
19931	-3.69	-20.72	-8.30	286.37	-0.28	-587.13	-13.71	-194.72	-368.49
19932	-2.22	-20.93	-8.30	285.85	-2.93	-544.46	4.00	-165.19	-356.64
19933	-0.74	-21.03	-8.30	283.49	-3.13	-502.51	20.73	-137.58	-343.39
19934	-17.76	-9.62	-8.30	184.04	219.29	-1270.49	-87.64	-679.29	-306.28
19935	-17.06	-10.82	-8.30	196.25	202.86	-1237.53	-93.60	-644.91	-336.82
19936	-16.27	-11.98	-8.30	209.91	185.30	-1202.26	-97.27	-607.83	-363.73
19937	-15.40	-13.08	-8.30	224.27	166.98	-1164.86	-98.27	-568.33	-386.70
19938	-14.46	-14.11	-8.30	238.58	148.86	-1125.38	-96.59	-527.47	-404.77
19939	-13.44	-15.08	-8.30	252.35	131.38	-1083.91	-92.56	-485.86	-418.62
19940	-12.37	-15.98	-8.30	265.12	114.60	-1040.69	-86.42	-444.43	-428.01
19941	-11.23	-16.80	-8.30	276.98	98.69	-995.83	-78.38	-403.18	-433.89
19942	-10.04	-17.54	-8.30	287.58	84.09	-949.46	-68.50	-362.44	-435.98
19943	-8.80	-18.19	-8.30	296.70	70.96	-901.88	-57.10	-322.72	-434.51
19944	-7.52	-18.76	-8.30	304.24	59.48	-853.41	-44.46	-284.43	-429.76
19945	-6.20	-19.23	-8.30	310.16	49.75	-804.41	-30.88	-247.91	-422.10
19946	-4.86	-19.62	-8.30	314.51	41.82	-755.25	-16.67	-213.41	-411.94
19947	-3.49	-19.90	-8.30	317.36	35.72	-706.33	-2.15	-181.12	-399.71
19948	-2.10	-20.10	-8.30	318.83	31.46	-658.03	12.38	-151.14	-385.79
19949	-0.70	-20.20	-8.30	319.09	29.08	-610.72	26.69	-123.40	-370.59
19950	11.67	-9.50	-2.70	-408.70	-187.68	-641.99	-31.64	151.39	-177.14
19951	12.71	-9.45	-2.70	-463.63	-198.27	-699.22	-34.04	180.05	-144.77
19952	13.75	-9.40	-2.70	-525.99	-210.84	-773.74	-36.65	220.63	-102.58
19953	11.86	-10.51	-2.70	-433.48	-213.45	-645.75	-34.05	177.37	-174.76
19954	12.77	-10.36	-2.70	-486.57	-220.17	-698.78	-36.25	205.49	-144.42
19955	13.67	-10.20	-2.70	-546.09	-227.08	-766.07	-38.81	240.40	-107.27
19956	12.05	-11.51	-2.70	-466.91	-241.79	-659.06	-30.59	205.28	-165.46
19957	12.82	-11.26	-2.70	-516.41	-243.74	-706.16	-32.88	230.90	-137.17
19958	13.59	-10.99	-2.70	-572.55	-244.49	-765.08	-35.50	263.33	-107.13
19959	0.56	-9.90	-2.70	-52.54	-159.09	-833.87	-55.70	-127.27	-332.24
19960	1.69	-9.89	-2.70	-60.76	-156.38	-784.02	-46.74	-84.34	-326.68
19961	2.81	-9.87	-2.70	-76.95	-154.91	-735.68	-39.09	-44.66	-318.82
19962	3.93	-9.85	-2.70	-100.57	-154.62	-690.27	-32.95	-8.77	-308.79
19963	5.05	-9.82	-2.70	-130.96	-155.53	-649.58	-28.47	22.98	-296.73
19964	6.17	-9.78	-2.70	-167.37	-157.63	-615.78	-25.70	50.51	-282.76
19965	7.28	-9.74	-2.70	-208.95	-160.96	-591.38	-24.60	74.03	-266.93
19966	8.39	-9.69	-2.70	-254.80	-165.55	-579.13	-25.01	94.20	-249.15
19967	9.50	-9.63	-2.70	-303.98	-171.45	-581.98	-26.65	112.24	-229.12
19968	10.60	-9.56	-2.70	-355.73	-178.68	-602.78	-29.04	130.22	-206.26
19969	0.58	-11.69	-2.70	-91.47	-206.34	-817.47	-67.32	-128.51	-353.18
19970	1.75	-11.67	-2.70	-97.04	-202.32	-765.19	-56.34	-85.28	-346.33
19971	2.91	-11.62	-2.70	-110.62	-199.25	-715.82	-46.86	-44.85	-336.73
19972	4.07	-11.55	-2.70	-131.71	-197.14	-670.70	-39.14	-7.68	-324.57
19973	5.22	-11.46	-2.70	-159.70	-196.05	-631.57	-33.34	25.97	-310.09
19974	6.37	-11.35	-2.70	-193.93	-196.03	-600.46	-29.56	56.08	-293.46
19975	7.51	-11.21	-2.70	-233.71	-197.15	-579.68	-27.73	82.91	-274.81
19976	8.64	-11.06	-2.70	-278.35	-199.47	-571.77	-27.67	107.11	-254.12
19977	9.75	-10.88	-2.70	-327.24	-202.99	-579.36	-29.05	129.85	-231.16
19978	10.86	-10.68	-2.70	-380.03	-207.62	-605.15	-31.47	152.87	-205.21
19979	0.60	-13.49	-2.70	-140.89	-262.28	-820.42	-80.52	-132.39	-364.37
19980	1.81	-13.45	-2.70	-143.39	-256.47	-764.71	-67.10	-88.91	-356.18
19981	3.02	-13.37	-2.70	-153.93	-251.28	-713.37	-55.25	-47.64	-344.98
19982	4.21	-13.26	-2.70	-172.06	-246.80	-667.68	-45.28	-8.92	-331.00
19983	5.40	-13.10	-2.70	-197.31	-243.13	-629.25	-37.38	27.08	-314.45
19984	6.58	-12.91	-2.70	-229.17	-240.39	-599.94	-31.66	60.40	-295.53
19985	7.74	-12.69	-2.70	-267.14	-238.67	-581.87	-28.09	91.33	-274.39
19986	8.88	-12.43	-2.70	-310.83	-238.05	-577.35	-26.51	120.48	-250.99
19987	10.01	-12.13	-2.70	-359.97	-238.49	-588.74	-26.61	148.84	-225.07
19988	11.11	-11.80	-2.70	-414.45	-239.88	-618.59	-28.18	177.90	-196.24
19989	0.63	-15.29	-2.70	-204.13	-332.38	-849.71	-97.68	-140.40	-370.17
19990	1.88	-15.23	-2.70	-203.10	-323.89	-789.30	-81.06	-96.54	-360.33
19991	3.12	-15.12	-2.70	-210.30	-315.65	-734.81	-65.99	-54.22	-347.38
19992	4.36	-14.96	-2.70	-225.41	-307.78	-687.44	-52.80	-13.66	-331.51
19993	5.58	-14.75	-2.70	-248.10	-300.42	-648.68	-41.74	25.06	-312.90
19994	6.78	-14.48	-2.70	-278.05	-293.73	-620.25	-32.96	62.06	-291.70
19995	7.97	-14.16	-2.70	-315.03	-287.80	-604.11	-26.48	97.62	-267.98
19996	9.13	-13.80	-2.70	-358.93	-282.64	-602.40	-22.26	132.21	-241.69
19997	10.27	-13.38	-2.70	-409.84	-278.13	-617.31	-20.13	166.58	-212.56
19998	11.37	-12.92	-2.70	-467.99	-274.15	-651.27	-19.95	201.72	-180.03

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
19999	0.65	-17.08	-2.70	-293.23	-431.11	-955.89	-124.72	-158.34	-365.97
20000	1.94	-17.01	-2.70	-287.25	-418.37	-886.42	-103.49	-113.36	-354.71
20001	3.22	-16.87	-2.70	-290.20	-405.35	-824.62	-83.76	-69.21	-340.41
20002	4.50	-16.66	-2.70	-301.89	-392.12	-771.74	-65.85	-25.92	-323.10
20003	5.75	-16.39	-2.70	-322.18	-378.83	-729.16	-50.06	16.53	-302.89
20004	6.99	-16.04	-2.70	-350.98	-365.63	-698.48	-36.66	58.22	-279.90
20005	8.20	-15.64	-2.70	-388.30	-352.54	-681.47	-25.84	99.36	-254.26
20006	9.38	-15.17	-2.70	-434.24	-339.49	-679.94	-17.78	140.26	-226.03
20007	10.52	-14.63	-2.70	-489.10	-326.20	-695.60	-12.63	181.42	-195.21
20008	11.63	-14.04	-2.70	-553.25	-312.29	-730.32	-10.58	223.47	-161.92
20009	0.67	-18.88	-2.70	-419.21	-619.25	-1092.65	-194.96	-164.54	-435.32
20010	2.00	-18.79	-2.70	-404.40	-598.66	-1012.42	-161.14	-116.75	-416.71
20011	3.33	-18.62	-2.70	-400.63	-575.33	-940.26	-128.34	-69.46	-395.97
20012	4.64	-18.37	-2.70	-408.07	-549.63	-877.53	-97.32	-22.55	-373.39
20013	5.93	-18.03	-2.70	-426.84	-521.79	-825.69	-68.80	24.19	-349.12
20014	7.20	-17.61	-2.70	-457.00	-492.05	-786.22	-43.48	70.99	-323.35
20015	8.43	-17.11	-2.70	-498.51	-460.63	-760.53	-22.07	118.21	-296.28
20016	9.63	-16.54	-2.70	-551.22	-427.69	-749.90	-5.28	166.24	-268.15
20017	10.78	-15.88	-2.70	-614.75	-393.32	-755.29	6.10	215.58	-239.15
20018	11.89	-15.16	-2.70	-688.59	-357.67	-777.09	11.38	267.05	-209.41
20019	16.80	-9.56	-2.70	-935.00	-221.76	-1001.01	-84.95	518.56	18.51
20020	16.19	-10.65	-2.70	-983.73	-207.83	-995.73	-68.24	501.44	-18.82
20021	15.51	-11.70	-2.70	-979.59	-224.05	-962.87	-44.24	478.38	-70.14
20022	15.78	-9.48	-2.70	-727.64	-242.96	-972.01	-58.33	374.29	17.82
20023	15.36	-10.44	-2.70	-756.19	-245.09	-959.22	-51.79	368.53	-8.70
20024	14.89	-11.36	-2.70	-772.83	-254.31	-935.52	-39.90	366.39	-35.86
20025	14.77	-9.41	-2.70	-608.72	-226.65	-862.95	-42.40	286.56	-47.49
20026	14.53	-10.23	-2.70	-630.77	-237.92	-847.46	-42.99	297.59	-61.00
20027	14.27	-11.03	-2.70	-647.42	-250.67	-836.83	-36.40	303.42	-70.15
20028	12.91	-14.38	-2.70	-768.62	-321.53	-812.49	9.31	321.80	-182.88
20029	12.60	-13.43	-2.70	-617.83	-297.86	-776.28	-12.30	263.62	-132.06
20030	12.30	-12.48	-2.70	-524.48	-270.28	-694.63	-21.73	234.59	-150.87
20031	13.85	-13.56	-2.70	-847.23	-285.48	-858.00	0.15	374.18	-151.77
20032	13.44	-12.81	-2.70	-679.00	-283.17	-828.74	-17.80	301.05	-100.29
20033	13.05	-12.07	-2.70	-575.14	-265.52	-742.54	-25.23	262.59	-122.46
20034	14.73	-12.67	-2.70	-924.63	-250.04	-910.79	-16.42	427.23	-118.88
20035	14.25	-12.15	-2.70	-744.26	-267.08	-890.37	-26.79	340.08	-68.38
20036	13.77	-11.64	-2.70	-629.82	-261.40	-801.80	-31.12	293.17	-88.60
20037	11.67	-9.50	-4.10	-156.40	-128.57	-602.48	9.66	97.37	-156.10
20038	12.71	-9.45	-4.10	-187.92	-129.56	-648.91	6.82	123.45	-128.38
20039	13.75	-9.40	-4.10	-219.24	-127.93	-706.86	0.56	158.15	-96.05
20040	11.86	-10.51	-4.10	-188.64	-140.60	-606.97	6.15	111.69	-152.79
20041	12.77	-10.36	-4.10	-217.35	-136.91	-650.16	2.50	135.20	-128.33
20042	13.67	-10.20	-4.10	-245.37	-129.80	-702.28	-3.69	163.74	-102.05
20043	12.05	-11.51	-4.10	-225.22	-149.69	-618.78	1.48	126.17	-146.71
20044	12.82	-11.26	-4.10	-249.45	-142.20	-656.66	-3.01	146.57	-126.06
20045	13.59	-10.99	-4.10	-272.37	-129.92	-700.38	-10.11	174.04	-108.55
20046	0.56	-9.90	-4.10	79.94	-110.55	-767.66	-35.67	-121.53	-288.14
20047	1.69	-9.89	-4.10	77.10	-109.45	-721.57	-25.99	-89.43	-284.42
20048	2.81	-9.87	-4.10	67.54	-109.26	-677.80	-17.22	-59.84	-278.71
20049	3.93	-9.85	-4.10	51.80	-109.92	-637.53	-9.54	-33.13	-271.05
20050	5.05	-9.82	-4.10	30.59	-111.35	-602.26	-3.06	-9.48	-261.51
20051	6.17	-9.78	-4.10	4.78	-113.48	-573.80	2.13	11.18	-250.10
20052	7.28	-9.74	-4.10	-24.67	-116.19	-554.18	6.04	29.22	-236.75
20053	8.39	-9.69	-4.10	-56.66	-119.33	-545.53	8.71	45.39	-221.29
20054	9.50	-9.63	-4.10	-90.04	-122.65	-549.93	10.21	60.89	-203.39
20055	10.60	-9.56	-4.10	-123.75	-125.70	-569.05	10.53	77.50	-182.75
20056	0.58	-11.69	-4.10	37.04	-149.79	-761.26	-44.73	-119.49	-302.50
20057	1.75	-11.67	-4.10	35.76	-147.63	-712.23	-33.38	-87.35	-297.82
20058	2.91	-11.62	-4.10	27.74	-145.98	-666.70	-23.06	-57.40	-290.76
20059	4.07	-11.55	-4.10	13.50	-144.79	-625.84	-14.02	-29.98	-281.41
20060	5.22	-11.46	-4.10	-6.29	-144.04	-591.09	-6.46	-5.23	-269.90
20061	6.37	-11.35	-4.10	-30.86	-143.67	-564.15	-0.47	16.90	-256.30
20062	7.51	-11.21	-4.10	-59.28	-143.56	-546.93	3.91	36.76	-240.60
20063	8.64	-11.06	-4.10	-90.53	-143.52	-541.38	6.73	55.01	-222.74
20064	9.75	-10.88	-4.10	-123.52	-143.22	-549.41	8.04	72.72	-202.54
20065	10.86	-10.68	-4.10	-157.11	-142.14	-572.42	7.78	91.50	-179.68
20066	0.60	-13.49	-4.10	-14.53	-191.93	-772.59	-55.77	-118.81	-306.78
20067	1.81	-13.45	-4.10	-14.04	-188.56	-719.68	-42.73	-86.89	-301.10
20068	3.02	-13.37	-4.10	-20.22	-185.18	-671.52	-30.77	-56.73	-292.81
20069	4.21	-13.26	-4.10	-32.63	-181.79	-629.21	-20.21	-28.62	-282.05
20070	5.40	-13.10	-4.10	-50.70	-178.40	-594.11	-11.31	-2.67	-268.96
20071	6.58	-12.91	-4.10	-73.72	-174.95	-567.80	-4.26	21.15	-253.67
20072	7.74	-12.69	-4.10	-100.86	-171.33	-552.03	0.86	43.14	-236.24
20073	8.88	-12.43	-4.10	-131.16	-167.29	-548.60	4.00	63.85	-216.72
20074	10.01	-12.13	-4.10	-163.53	-162.43	-559.19	5.11	84.19	-195.09
20075	11.11	-11.80	-4.10	-196.65	-156.16	-584.92	4.11	105.72	-171.56
20076	0.63	-15.29	-4.10	-76.39	-234.92	-812.84	-70.54	-120.09	-300.74
20077	1.88	-15.23	-4.10	-73.89	-230.26	-754.63	-55.97	-88.73	-294.07
20078	3.12	-15.12	-4.10	-77.97	-224.87	-702.43	-42.39	-58.61	-284.83
20079	4.36	-14.96	-4.10	-88.29	-218.79	-657.26	-30.24	-29.94	-273.15
20080	5.58	-14.75	-4.10	-104.37	-212.04	-620.41	-19.89	-2.84	-259.19
20081	6.78	-14.48	-4.10	-125.59	-204.60	-593.30	-11.63	22.78	-243.14
20082	7.97	-14.16	-4.10	-151.16	-196.34	-577.48	-5.69	47.13	-225.20
20083	9.13	-13.80	-4.10	-180.15	-186.98	-574.45	-2.27	70.70	-205.58
20084	10.27	-13.38	-4.10	-211.33	-176.13	-585.49	-1.53	94.29	-184.57
20085	11.37	-12.92	-4.10	-243.16	-163.06	-611.25	-3.66	119.29	-162.46
20086	0.65	-17.08	-4.10	-148.39	-262.06	-899.37	-93.88	-120.21	-301.15
20087	1.94	-17.01	-4.10	-143.50	-257.36	-833.14	-78.49	-89.26	-292.48
20088	3.22	-16.87	-4.10	-144.97	-250.84	-773.57	-63.70	-59.13	-281.98
20089	4.50	-16.66	-4.10	-152.63	-242.54	-721.83	-50.13	-29.85	-269.69
20090	5.75	-16.39	-4.10	-166.10	-232.50	-679.12	-38.31	-1.42	-255.77
20091	6.99	-16.04	-4.10	-184.83	-220.76	-646.70	-28.73	26.30	-240.47
20092	8.20	-15.64	-4.10	-208.02	-207.27	-625.80	-21.83	53.56	-224.10
20093	9.38	-15.17	-4.10	-234.61	-191.93	-617.47	-17.99	80.83	-207.01
20094	10.52	-14.63	-4.10	-263.18	-174.58	-622.34	-17.48	108.85	-189.58
20095	11.63	-14.04	-4.10	-291.82	-154.96	-640.33	-20.54	139.02	-172.32
20096	0.67	-18.88	-4.10	-209.54	-253.49	-916.05	-124.28	-104.69	-393.36
20097	2.00	-18.79	-4.10	-204.01	-251.32	-847.95	-109.15	-71.23	-374.56

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
20098	3.33	-18.62	-4.10	-204.28	-246.23	-785.96	-93.94	-39.26	-355.07
20099	4.64	-18.37	-4.10	-210.38	-238.21	-731.26	-79.43	-8.54	-335.26
20100	5.93	-18.03	-4.10	-222.04	-227.31	-685.03	-66.36	21.27	-315.42
20101	7.20	-17.61	-4.10	-238.72	-213.69	-648.39	-55.45	50.58	-295.80
20102	8.43	-17.11	-4.10	-259.59	-197.52	-622.38	-47.32	79.90	-276.62
20103	9.63	-16.54	-4.10	-283.45	-179.07	-607.81	-42.42	109.83	-258.01
20104	10.78	-15.88	-4.10	-308.72	-158.62	-605.11	-41.02	141.06	-240.00
20105	11.89	-15.16	-4.10	-333.40	-136.68	-614.08	-43.10	174.22	-222.04
20106	16.80	-9.56	-4.10	-328.66	-44.45	-787.72	-65.63	390.24	-73.65
20107	16.19	-10.65	-4.10	-353.53	-47.09	-765.64	-65.75	358.07	-104.64
20108	15.51	-11.70	-4.10	-372.83	-54.32	-730.73	-65.32	327.02	-138.30
20109	15.78	-9.48	-4.10	-289.40	-91.69	-815.34	-39.36	290.94	-51.58
20110	15.36	-10.44	-4.10	-317.10	-87.68	-795.16	-41.66	274.13	-76.23
20111	14.89	-11.36	-4.10	-339.43	-87.88	-765.21	-44.79	260.85	-103.71
20112	14.77	-9.41	-4.10	-253.36	-118.77	-770.57	-13.77	214.46	-63.79
20113	14.53	-10.23	-4.10	-279.51	-116.48	-758.26	-17.34	210.88	-79.18
20114	14.27	-11.03	-4.10	-301.70	-114.97	-743.62	-21.68	205.15	-95.76
20115	12.91	-14.38	-4.10	-354.81	-113.84	-633.40	-48.11	210.54	-207.92
20116	12.60	-13.43	-4.10	-315.48	-134.81	-666.54	-26.33	169.73	-159.58
20117	12.30	-12.48	-4.10	-269.86	-149.44	-643.75	-8.23	143.70	-144.97
20118	13.85	-13.56	-4.10	-369.81	-91.95	-661.07	-53.84	247.02	-189.46
20119	13.44	-12.81	-4.10	-332.04	-116.43	-697.21	-32.99	199.90	-144.48
20120	13.05	-12.07	-4.10	-289.05	-136.33	-678.09	-14.07	166.39	-128.73
20121	14.73	-12.67	-4.10	-376.95	-70.51	-693.96	-60.23	285.26	-168.96
20122	14.25	-12.15	-4.10	-343.37	-97.01	-730.90	-40.64	232.82	-129.37
20123	13.77	-11.64	-4.10	-305.04	-123.53	-716.53	-21.40	192.90	-109.85
20124	11.67	-9.50	-5.50	120.84	-58.42	-562.22	49.56	70.55	-148.32
20125	12.71	-9.45	-5.50	110.71	-53.82	-596.79	47.23	101.27	-129.83
20126	13.75	-9.40	-5.50	104.88	-45.79	-636.30	41.78	141.90	-111.15
20127	11.86	-10.51	-5.50	87.89	-60.10	-565.62	46.28	83.53	-150.30
20128	12.77	-10.36	-5.50	80.78	-52.39	-595.88	43.34	111.85	-135.45
20129	13.67	-10.20	-5.50	77.40	-41.78	-628.81	38.64	146.86	-121.74
20130	12.05	-11.51	-5.50	53.17	-57.53	-571.18	39.71	98.61	-154.18
20131	12.82	-11.26	-5.50	49.77	-48.77	-595.10	37.00	123.64	-142.32
20132	13.59	-10.99	-5.50	49.94	-36.66	-619.60	32.73	156.90	-134.50
20133	0.56	-9.90	-5.50	241.64	-45.42	-718.07	-11.08	-112.71	-249.20
20134	1.69	-9.89	-5.50	243.85	-46.35	-674.87	-0.82	-89.58	-246.77
20135	2.81	-9.87	-5.50	240.71	-47.79	-634.53	8.90	-68.30	-242.75
20136	3.93	-9.85	-5.50	232.73	-49.66	-597.98	17.88	-49.02	-237.15
20137	5.05	-9.82	-5.50	220.65	-51.85	-566.45	25.99	-31.68	-229.98
20138	6.17	-9.78	-5.50	205.34	-54.21	-541.39	33.09	-15.99	-221.21
20139	7.28	-9.74	-5.50	187.83	-56.53	-524.38	39.10	-1.38	-210.79
20140	8.39	-9.69	-5.50	169.32	-58.52	-517.01	43.92	13.08	-198.59
20141	9.50	-9.63	-5.50	151.09	-59.77	-520.63	47.43	28.71	-184.52
20142	10.60	-9.56	-5.50	134.45	-59.70	-536.07	49.39	47.24	-168.71
20143	0.58	-11.69	-5.50	196.08	-74.58	-720.07	-16.52	-108.68	-261.40
20144	1.75	-11.67	-5.50	198.84	-74.73	-673.59	-5.04	-85.47	-258.12
20145	2.91	-11.62	-5.50	196.37	-74.88	-631.01	5.83	-63.92	-253.00
20146	4.07	-11.55	-5.50	189.16	-74.95	-593.24	15.79	-44.13	-246.09
20147	5.22	-11.46	-5.50	177.94	-74.89	-561.48	24.64	-26.05	-237.45
20148	6.37	-11.35	-5.50	163.57	-74.55	-537.09	32.18	-9.38	-227.12
20149	7.51	-11.21	-5.50	147.14	-73.75	-521.52	38.30	6.44	-215.13
20150	8.64	-11.06	-5.50	129.89	-72.21	-516.18	42.88	22.33	-201.49
20151	9.75	-10.88	-5.50	113.25	-69.53	-522.15	45.82	39.58	-186.30
20152	10.86	-10.68	-5.50	98.71	-65.23	-539.84	46.94	59.97	-169.74
20153	0.60	-13.49	-5.50	144.06	-100.08	-739.20	-23.84	-105.42	-266.67
20154	1.81	-13.45	-5.50	147.34	-99.66	-688.54	-11.61	-82.25	-262.35
20155	3.02	-13.37	-5.50	145.66	-98.56	-642.78	0.01	-60.45	-256.19
20156	4.21	-13.26	-5.50	139.48	-96.79	-602.82	10.65	-40.11	-248.25
20157	5.40	-13.10	-5.50	129.46	-94.31	-569.75	20.00	-21.12	-238.64
20158	6.58	-12.91	-5.50	116.47	-91.04	-544.83	27.80	-3.19	-227.47
20159	7.74	-12.69	-5.50	101.60	-86.82	-529.34	33.88	14.26	-214.88
20160	8.88	-12.43	-5.50	86.17	-81.45	-524.41	38.11	32.10	-201.01
20161	10.01	-12.13	-5.50	71.73	-74.59	-530.78	40.41	51.64	-186.10
20162	11.11	-11.80	-5.50	59.98	-65.92	-548.36	40.75	74.74	-170.72
20163	0.63	-15.29	-5.50	87.00	-113.25	-781.20	-33.81	-102.74	-271.65
20164	1.88	-15.23	-5.50	90.64	-112.95	-725.17	-21.72	-79.47	-265.75
20165	3.12	-15.12	-5.50	89.82	-111.23	-674.76	-10.08	-57.31	-258.41
20166	4.36	-14.96	-5.50	84.89	-108.13	-630.86	0.65	-36.21	-249.67
20167	5.58	-14.75	-5.50	76.45	-103.66	-594.50	10.06	-16.02	-239.67
20168	6.78	-14.48	-5.50	65.33	-97.83	-566.75	17.83	3.62	-228.57
20169	7.97	-14.16	-5.50	52.64	-90.60	-548.63	23.72	23.29	-216.56
20170	9.13	-13.80	-5.50	39.71	-81.89	-540.96	27.61	43.83	-203.88
20171	10.27	-13.38	-5.50	28.16	-71.63	-544.01	29.52	66.52	-190.76
20172	11.37	-12.92	-5.50	19.79	-59.55	-557.18	29.60	93.07	-177.41
20173	0.65	-17.08	-5.50	30.94	-102.72	-828.22	-46.22	-98.47	-303.81
20174	1.94	-17.01	-5.50	34.23	-104.06	-766.99	-35.58	-73.85	-293.77
20175	3.22	-16.87	-5.50	33.82	-103.47	-711.25	-24.99	-50.35	-283.08
20176	4.50	-16.66	-5.50	29.94	-100.93	-662.02	-14.98	-27.74	-271.81
20177	5.75	-16.39	-5.50	23.10	-96.49	-620.30	-6.00	-5.71	-260.08
20178	6.99	-16.04	-5.50	14.04	-90.24	-587.08	1.55	16.19	-248.03
20179	8.20	-15.64	-5.50	3.78	-82.28	-563.18	7.43	38.56	-235.79
20180	9.38	-15.17	-5.50	-6.41	-72.74	-549.14	11.57	62.21	-223.46
20181	10.52	-14.63	-5.50	-14.99	-61.79	-545.05	14.12	88.13	-210.95
20182	11.63	-14.04	-5.50	-20.26	-49.64	-550.19	15.37	117.75	-198.11
20183	0.67	-18.88	-5.50	-13.75	-92.80	-791.64	-54.97	-92.05	-387.52
20184	2.00	-18.79	-5.50	-12.96	-94.85	-732.79	-45.77	-63.76	-368.78
20185	3.33	-18.62	-5.50	-14.96	-94.97	-678.65	-36.50	-37.22	-349.87
20186	4.64	-18.37	-5.50	-19.53	-93.15	-630.19	-27.59	-12.03	-331.14
20187	5.93	-18.03	-5.50	-26.26	-89.43	-588.38	-19.44	12.31	-312.83
20188	7.20	-17.61	-5.50	-34.49	-83.90	-554.12	-12.35	36.40	-295.10
20189	8.43	-17.11	-5.50	-43.36	-76.71	-528.19	-6.46	60.92	-278.01
20190	9.63	-16.54	-5.50	-51.79	-67.98	-511.18	-1.76	86.62	-261.45
20191	10.78	-15.88	-5.50	-58.46	-57.87	-503.39	2.00	114.25	-245.11
20192	11.89	-15.16	-5.50	-61.82	-46.68	-504.59	5.30	144.40	-228.13
20193	16.80	-9.56	-5.50	83.82	14.32	-636.09	23.71	354.89	-100.13
20194	16.19	-10.65	-5.50	37.21	9.01	-607.93	25.28	324.68	-122.76
20195	15.51	-11.70	-5.50	-3.87	1.53	-578.67	21.94	292.13	-149.16
20196	15.78	-9.48	-5.50	95.39	-8.63	-675.23	23.43	276.88	-96.64

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
20197	15.36	-10.44	-5.50	58.31	-8.20	-649.25	23.87	261.16	-116.93
20198	14.89	-11.36	-5.50	22.50	-10.01	-620.27	21.55	243.89	-138.27
20199	14.77	-9.41	-5.50	101.24	-30.32	-668.90	32.07	204.36	-97.75
20200	14.53	-10.23	-5.50	71.86	-26.56	-652.05	30.44	201.14	-114.41
20201	14.27	-11.03	-5.50	42.58	-24.03	-632.35	27.73	193.46	-131.83
20202	12.91	-14.38	-5.50	-60.28	-34.04	-514.26	8.29	178.18	-214.37
20203	12.60	-13.43	-5.50	-20.26	-37.23	-561.99	15.94	148.96	-188.54
20204	12.30	-12.48	-5.50	16.42	-47.65	-574.89	28.16	120.70	-167.77
20205	13.85	-13.56	-5.50	-51.18	-21.64	-531.03	12.43	213.31	-195.83
20206	13.44	-12.81	-5.50	-13.83	-26.80	-577.94	17.22	179.88	-175.11
20207	13.05	-12.07	-5.50	18.60	-37.71	-593.33	26.76	147.00	-157.70
20208	14.73	-12.67	-5.50	-33.72	-9.06	-552.14	17.53	250.79	-175.28
20209	14.25	-12.15	-5.50	-2.01	-16.22	-595.86	19.32	213.42	-160.31
20210	13.77	-11.64	-5.50	24.60	-29.32	-612.56	25.72	177.50	-144.22
20211	11.67	-9.50	-6.90	403.58	10.85	-512.16	98.23	62.04	-146.12
20212	12.71	-9.45	-6.90	405.97	15.48	-532.50	100.24	98.50	-134.63
20213	13.75	-9.40	-6.90	412.07	22.39	-553.13	101.40	144.46	-122.99
20214	11.86	-10.51	-6.90	366.92	13.33	-510.91	99.13	76.56	-152.84
20215	12.77	-10.36	-6.90	371.08	19.40	-526.63	100.89	109.70	-143.51
20216	13.67	-10.20	-6.90	378.17	27.04	-541.62	102.63	148.89	-134.46
20217	12.05	-11.51	-6.90	327.88	18.39	-507.31	97.27	93.22	-162.05
20218	12.82	-11.26	-6.90	334.23	23.95	-517.97	99.51	121.43	-153.26
20219	13.59	-10.99	-6.90	343.42	31.66	-527.76	101.33	156.78	-146.89
20220	0.56	-9.90	-6.90	428.61	31.53	-680.15	16.89	-101.81	-215.49
20221	1.69	-9.89	-6.90	435.55	28.32	-639.23	27.96	-85.76	-213.87
20222	2.81	-9.87	-6.90	438.43	24.92	-601.30	38.80	-71.01	-211.18
20223	3.93	-9.85	-6.90	437.73	21.43	-567.09	49.24	-57.45	-207.38
20224	5.05	-9.82	-6.90	434.09	17.98	-537.54	59.09	-44.77	-202.45
20225	6.17	-9.78	-6.90	428.31	14.72	-513.75	68.21	-32.46	-196.38
20226	7.28	-9.74	-6.90	421.34	11.89	-496.86	76.48	-19.72	-189.12
20227	8.39	-9.69	-6.90	414.25	9.77	-487.93	83.75	-5.42	-180.65
20228	9.50	-9.63	-6.90	408.19	8.73	-487.70	89.88	11.86	-170.99
20229	10.60	-9.56	-6.90	404.33	9.21	-496.28	94.72	33.83	-160.47
20230	0.58	-11.69	-6.90	380.46	10.36	-687.22	15.62	-97.09	-229.28
20231	1.75	-11.67	-6.90	387.10	7.76	-642.92	27.63	-80.61	-226.72
20232	2.91	-11.62	-6.90	389.93	5.54	-602.49	39.37	-65.34	-223.02
20233	4.07	-11.55	-6.90	389.41	3.76	-566.62	50.58	-51.13	-218.16
20234	5.22	-11.46	-6.90	386.21	2.49	-536.22	61.00	-37.65	-212.17
20235	6.37	-11.35	-6.90	381.17	1.84	-512.29	70.45	-24.35	-205.05
20236	7.51	-11.21	-6.90	375.30	1.97	-495.81	78.76	-10.39	-196.84
20237	8.64	-11.06	-6.90	369.78	3.08	-487.62	85.83	5.36	-187.59
20238	9.75	-10.88	-6.90	365.88	5.40	-488.11	91.57	24.36	-177.44
20239	10.86	-10.68	-6.90	364.87	9.16	-496.92	95.99	48.33	-166.57
20240	0.60	-13.49	-6.90	327.60	-3.84	-708.14	12.46	-93.13	-241.83
20241	1.81	-13.45	-6.90	333.69	-6.18	-659.74	24.71	-75.99	-237.89
20242	3.02	-13.37	-6.90	336.41	-7.53	-615.87	36.74	-59.95	-232.98
20243	4.21	-13.26	-6.90	336.18	-7.87	-577.26	48.21	-44.80	-227.10
20244	5.40	-13.10	-6.90	333.65	-7.20	-544.73	58.80	-30.17	-220.29
20245	6.58	-12.91	-6.90	329.66	-5.49	-519.15	68.30	-15.45	-212.60
20246	7.74	-12.69	-6.90	325.27	-2.70	-501.33	76.54	0.20	-204.08
20247	8.88	-12.43	-6.90	321.69	1.23	-491.82	83.47	17.90	-194.79
20248	10.01	-12.13	-6.90	320.28	6.36	-490.68	89.12	39.08	-184.82
20249	11.11	-11.80	-6.90	322.37	12.73	-497.17	93.69	65.50	-174.48
20250	0.63	-15.29	-6.90	272.80	-5.62	-739.40	7.57	-90.14	-262.63
20251	1.88	-15.23	-6.90	277.90	-8.40	-686.48	19.13	-71.69	-256.23
20252	3.12	-15.12	-6.90	280.28	-9.69	-638.33	30.65	-54.31	-249.31
20253	4.36	-14.96	-6.90	280.29	-9.52	-595.71	41.73	-37.68	-241.85
20254	5.58	-14.75	-6.90	278.50	-7.92	-559.42	52.05	-21.35	-233.89
20255	6.78	-14.48	-6.90	275.72	-4.96	-530.21	61.36	-4.69	-225.46
20256	7.97	-14.16	-6.90	272.96	-0.72	-508.72	69.56	13.14	-216.56
20257	9.13	-13.80	-6.90	271.42	4.70	-495.30	76.66	33.17	-207.14
20258	10.27	-13.38	-6.90	272.42	11.18	-489.81	82.82	56.70	-197.08
20259	11.37	-12.92	-6.90	277.28	18.72	-491.40	88.35	85.17	-186.08
20260	0.65	-17.08	-6.90	220.61	1.49	-756.02	2.24	-88.34	-306.13
20261	1.94	-17.01	-6.90	223.89	-2.02	-700.28	12.50	-67.31	-295.15
20262	3.22	-16.87	-6.90	225.22	-3.94	-648.90	22.90	-47.53	-284.05
20263	4.50	-16.66	-6.90	224.88	-4.22	-602.73	33.11	-28.59	-272.93
20264	5.75	-16.39	-6.90	223.39	-2.91	-562.60	42.82	-9.94	-261.83
20265	6.99	-16.04	-6.90	221.44	-0.10	-529.27	51.85	9.06	-250.73
20266	8.20	-15.64	-6.90	219.96	4.07	-503.32	60.13	29.22	-239.56
20267	9.38	-15.17	-6.90	220.02	9.47	-485.11	67.74	51.43	-228.08
20268	10.52	-14.63	-6.90	222.88	15.91	-474.59	74.96	76.67	-215.89
20269	11.63	-14.04	-6.90	229.89	23.19	-471.19	82.05	106.10	-202.49
20270	0.67	-18.88	-6.90	175.23	-4.24	-709.24	-1.05	-89.56	-366.73
20271	2.00	-18.79	-6.90	175.43	-6.76	-656.64	8.47	-65.02	-349.71
20272	3.33	-18.62	-6.90	174.42	-7.76	-607.75	17.98	-42.09	-332.66
20273	4.64	-18.37	-6.90	172.53	-7.28	-563.39	27.29	-20.28	-315.82
20274	5.93	-18.03	-6.90	170.25	-5.37	-524.34	36.22	0.99	-299.38
20275	7.20	-17.61	-6.90	168.18	-2.12	-491.32	44.69	22.38	-283.38
20276	8.43	-17.11	-6.90	167.13	2.41	-464.98	52.75	44.63	-267.71
20277	9.63	-16.54	-6.90	168.05	8.13	-445.79	60.59	68.53	-252.10
20278	10.78	-15.88	-6.90	172.11	14.98	-434.03	68.53	94.82	-236.08
20279	11.89	-15.16	-6.90	180.75	22.70	-429.66	77.01	124.04	-218.71
20280	16.80	-9.56	-6.90	424.54	61.40	-525.57	120.85	340.53	-93.36
20281	16.19	-10.65	-6.90	356.61	58.59	-499.34	121.47	306.92	-114.30
20282	15.51	-11.70	-6.90	297.67	55.06	-474.67	115.44	272.54	-138.03
20283	15.78	-9.48	-6.90	421.91	46.67	-557.62	108.71	273.30	-105.74
20284	15.36	-10.44	-6.90	369.74	47.32	-532.50	110.80	254.31	-122.65
20285	14.89	-11.36	-6.90	320.67	46.82	-507.94	108.68	233.73	-139.80
20286	14.77	-9.41	-6.90	418.37	33.35	-564.68	102.94	207.65	-112.88
20287	14.53	-10.23	-6.90	379.31	36.68	-546.06	104.86	202.28	-127.63
20288	14.27	-11.03	-6.90	339.98	38.73	-526.59	104.98	191.44	-141.95
20289	12.91	-14.38	-6.90	195.23	31.84	-432.50	85.66	157.34	-204.05
20290	12.60	-13.43	-6.90	241.74	30.98	-473.91	88.75	137.43	-191.69
20291	12.30	-12.48	-6.90	285.60	25.99	-497.15	92.64	114.85	-177.59
20292	13.85	-13.56	-6.90	218.29	40.42	-441.62	95.59	192.61	-184.34
20293	13.44	-12.81	-6.90	259.68	37.13	-481.06	95.68	168.52	-176.72
20294	13.05	-12.07	-6.90	297.41	31.46	-504.52	96.69	142.44	-167.50
20295	14.73	-12.67	-6.90	251.13	48.74	-455.18	106.26	230.46	-162.96

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
20296	14.25	-12.15	-6.90	283.49	43.40	-490.60	103.26	201.95	-160.25
20297	13.77	-11.64	-6.90	312.69	35.36	-512.73	101.40	173.46	-153.30
20298	11.67	-9.50	-8.30	685.10	76.31	-453.70	157.20	59.01	-140.98
20299	12.71	-9.45	-8.30	692.56	78.02	-460.61	165.22	98.44	-132.97
20300	13.75	-9.40	-8.30	702.05	81.02	-466.99	173.72	146.06	-123.26
20301	11.86	-10.51	-8.30	641.41	79.25	-447.96	164.24	73.90	-149.55
20302	12.77	-10.36	-8.30	649.89	81.98	-451.71	171.51	108.77	-142.15
20303	13.67	-10.20	-8.30	660.14	85.69	-454.86	179.42	148.49	-133.55
20304	12.05	-11.51	-8.30	594.28	83.49	-438.93	168.67	89.76	-159.39
20305	12.82	-11.26	-8.30	604.62	85.83	-440.24	175.51	118.50	-150.99
20306	13.59	-10.99	-8.30	617.23	90.05	-441.30	182.02	153.50	-143.90
20307	0.56	-9.90	-8.30	636.57	116.23	-649.92	47.20	-89.42	-184.68
20308	1.69	-9.89	-8.30	647.98	110.59	-610.85	59.55	-78.85	-183.54
20309	2.81	-9.87	-8.30	656.46	104.96	-574.53	71.97	-69.14	-181.86
20310	3.93	-9.85	-8.30	662.40	99.44	-541.47	84.27	-59.97	-179.57
20311	5.05	-9.82	-8.30	666.29	94.12	-512.34	96.32	-50.84	-176.63
20312	6.17	-9.78	-8.30	668.75	89.15	-487.91	107.98	-41.03	-173.01
20313	7.28	-9.74	-8.30	670.48	84.73	-468.94	119.13	-29.58	-168.66
20314	8.39	-9.69	-8.30	672.26	81.05	-456.05	129.67	-15.29	-163.56
20315	9.50	-9.63	-8.30	674.87	78.38	-449.55	139.52	3.29	-157.71
20316	10.60	-9.56	-8.30	679.08	76.96	-449.20	148.67	27.70	-151.32
20317	0.58	-11.69	-8.30	585.05	98.54	-657.82	50.18	-84.90	-201.53
20318	1.75	-11.67	-8.30	595.48	93.58	-615.57	63.52	-73.42	-199.30
20319	2.91	-11.62	-8.30	603.30	89.15	-576.72	76.90	-62.82	-196.58
20320	4.07	-11.55	-8.30	608.90	85.29	-541.78	90.07	-52.73	-193.32
20321	5.22	-11.46	-8.30	612.79	82.08	-511.38	102.81	-42.57	-189.49
20322	6.37	-11.35	-8.30	615.64	79.56	-486.17	114.97	-31.61	-185.03
20323	7.51	-11.21	-8.30	618.23	77.82	-466.78	126.40	-18.84	-179.92
20324	8.64	-11.06	-8.30	621.41	76.94	-453.61	137.04	-3.04	-174.12
20325	9.75	-10.88	-8.30	626.08	77.01	-446.69	146.88	17.19	-167.63
20326	10.86	-10.68	-8.30	633.07	78.09	-445.44	156.01	43.33	-160.37
20327	0.60	-13.49	-8.30	529.43	86.75	-674.62	50.88	-81.52	-221.57
20328	1.81	-13.45	-8.30	538.52	82.20	-628.74	64.54	-68.63	-217.59
20329	3.02	-13.37	-8.30	545.48	78.69	-586.65	78.28	-56.67	-213.34
20330	4.21	-13.26	-8.30	550.66	76.20	-548.89	91.81	-45.18	-208.78
20331	5.40	-13.10	-8.30	554.58	74.72	-516.06	104.89	-33.55	-203.84
20332	6.58	-12.91	-8.30	557.93	74.24	-488.72	117.34	-21.01	-198.48
20333	7.74	-12.69	-8.30	561.50	74.71	-467.35	129.06	-6.57	-192.60
20334	8.88	-12.43	-8.30	566.21	76.07	-452.16	140.02	10.97	-186.08
20335	10.01	-12.13	-8.30	573.00	78.25	-443.01	150.30	32.93	-178.73
20336	11.11	-11.80	-8.30	582.78	81.20	-439.19	160.09	60.74	-170.56
20337	0.63	-15.29	-8.30	472.24	81.56	-693.11	49.63	-80.02	-251.21
20338	1.88	-15.23	-8.30	479.54	77.16	-643.77	62.95	-64.94	-244.39
20339	3.12	-15.12	-8.30	485.29	74.10	-598.21	76.46	-50.91	-237.59
20340	4.36	-14.96	-8.30	489.82	72.36	-557.04	89.86	-37.40	-230.77
20341	5.58	-14.75	-8.30	493.62	71.91	-520.86	102.93	-23.77	-223.88
20342	6.78	-14.48	-8.30	497.33	72.65	-490.20	115.52	-9.23	-216.81
20343	7.97	-14.16	-8.30	501.76	74.45	-465.48	127.56	7.16	-209.37
20344	9.13	-13.80	-8.30	507.79	77.17	-446.86	139.10	26.47	-201.29
20345	10.27	-13.38	-8.30	516.42	80.63	-434.18	150.27	49.87	-192.20
20346	11.37	-12.92	-8.30	528.61	84.79	-426.85	161.23	78.53	-181.52
20347	0.65	-17.08	-8.30	416.41	76.38	-693.71	47.19	-81.37	-293.79
20348	1.94	-17.01	-8.30	421.31	72.45	-642.82	59.96	-63.26	-282.91
20349	3.22	-16.87	-8.30	425.27	69.93	-595.31	72.94	-46.39	-272.16
20350	4.50	-16.66	-8.30	428.63	68.83	-551.85	85.93	-30.22	-261.60
20351	5.75	-16.39	-8.30	431.84	69.11	-513.10	98.76	-14.10	-251.22
20352	6.99	-16.04	-8.30	435.50	70.65	-479.64	111.33	2.74	-240.90
20353	8.20	-15.64	-8.30	440.35	73.34	-451.92	123.64	21.14	-230.42
20354	9.38	-15.17	-8.30	447.27	77.00	-430.21	135.79	42.04	-219.38
20355	10.52	-14.63	-8.30	457.29	81.43	-414.53	147.95	66.37	-207.22
20356	11.63	-14.04	-8.30	471.59	86.41	-404.57	160.24	95.17	-193.35
20357	0.67	-18.88	-8.30	364.10	58.96	-650.65	44.18	-87.18	-337.61
20358	2.00	-18.79	-8.30	365.98	56.87	-602.40	56.85	-65.85	-322.70
20359	3.33	-18.62	-8.30	367.49	56.25	-557.06	69.53	-45.88	-307.78
20360	4.64	-18.37	-8.30	368.99	57.01	-515.28	82.14	-26.76	-293.04
20361	5.93	-18.03	-8.30	370.96	59.05	-477.69	94.60	-7.88	-278.59
20362	7.20	-17.61	-8.30	373.96	62.27	-444.87	106.92	11.44	-264.36
20363	8.43	-17.11	-8.30	378.70	66.58	-417.34	119.19	31.97	-250.15
20364	9.63	-16.54	-8.30	386.02	71.86	-395.51	131.61	54.47	-235.58
20365	10.78	-15.88	-8.30	396.98	77.96	-379.66	144.43	79.71	-220.12
20366	11.89	-15.16	-8.30	413.00	84.52	-369.87	157.95	108.22	-202.77
20367	16.80	-9.56	-8.30	721.84	103.71	-430.08	216.61	334.90	-77.78
20368	16.19	-10.65	-8.30	638.46	105.72	-407.76	218.51	296.83	-97.92
20369	15.51	-11.70	-8.30	566.25	106.34	-388.44	211.63	259.18	-120.92
20370	15.78	-9.48	-8.30	715.61	94.31	-455.72	198.11	270.45	-98.77
20371	15.36	-10.44	-8.30	651.70	97.50	-434.82	202.12	247.63	-113.85
20372	14.89	-11.36	-8.30	592.03	99.59	-415.67	200.50	224.02	-129.02
20373	14.77	-9.41	-8.30	710.15	86.66	-467.01	183.98	208.04	-111.58
20374	14.53	-10.23	-8.30	662.02	90.93	-450.59	188.93	199.68	-124.34
20375	14.27	-11.03	-8.30	614.00	93.98	-434.48	191.12	186.03	-136.33
20376	12.91	-14.38	-8.30	435.18	92.08	-366.31	171.37	141.22	-187.77
20377	12.60	-13.43	-8.30	490.34	91.83	-400.41	171.62	126.19	-181.82
20378	12.30	-12.48	-8.30	542.98	88.86	-424.08	170.38	108.39	-172.77
20379	13.85	-13.56	-8.30	466.54	98.45	-368.51	185.59	176.74	-167.49
20380	13.44	-12.81	-8.30	515.05	95.47	-400.96	182.41	157.26	-166.05
20381	13.05	-12.07	-8.30	559.81	91.51	-424.18	178.31	135.91	-162.06
20382	14.73	-12.67	-8.30	508.61	103.80	-375.27	199.97	215.43	-145.58
20383	14.25	-12.15	-8.30	546.02	98.92	-404.30	193.40	190.88	-148.73
20384	13.77	-11.64	-8.30	580.08	92.50	-425.71	186.62	166.71	-147.06
20385	0.62	-1.65	-9.50	987.48	273.24	-660.21	15.77	-93.26	-66.25
20386	1.85	-1.65	-9.50	1010.56	260.54	-622.19	19.87	-86.44	-66.10
20387	3.08	-1.65	-9.50	1031.47	246.66	-585.63	24.06	-80.40	-65.57
20388	4.31	-1.65	-9.50	1050.83	231.76	-551.33	28.30	-74.59	-64.64
20389	5.55	-1.65	-9.50	1069.33	216.01	-520.28	32.56	-68.15	-63.30
20390	6.78	-1.65	-9.50	1087.66	199.70	-493.60	36.79	-59.84	-61.55
20391	8.01	-1.65	-9.50	1106.50	183.22	-472.43	40.93	-48.02	-59.39
20392	9.25	-1.65	-9.50	1126.45	167.11	-457.81	44.88	-30.72	-56.84
20393	10.48	-1.65	-9.50	1147.97	152.10	-450.49	48.53	-5.66	-53.90
20394	11.71	-1.65	-9.50	1171.40	139.21	-450.75	51.71	29.53	-50.61

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
20395	12.94	-1.65	-9.50	1196.91	129.73	-458.13	54.23	77.21	-46.97
20396	14.18	-1.65	-9.50	1224.51	125.33	-470.97	55.85	139.34	-42.95
20397	15.41	-1.65	-9.50	1253.86	128.08	-485.96	56.30	216.90	-38.42
20398	16.64	-1.65	-9.50	1284.29	140.40	-497.74	55.24	308.56	-33.05
20399	17.87	-1.65	-9.50	1315.36	165.10	-499.35	52.24	409.04	-26.18
20400	19.11	-1.65	-9.50	1348.05	205.29	-483.25	46.87	507.65	-16.81
20401	0.62	-0.55	-9.50	993.92	279.23	-668.01	5.72	-93.56	-51.05
20402	1.85	-0.55	-9.50	1017.24	266.34	-629.92	7.79	-86.46	-50.76
20403	3.09	-0.55	-9.50	1038.38	252.20	-593.28	9.88	-80.15	-50.14
20404	4.33	-0.55	-9.50	1057.96	236.98	-558.88	11.96	-74.09	-49.18
20405	5.56	-0.55	-9.50	1076.70	220.88	-527.74	14.02	-67.39	-47.88
20406	6.80	-0.55	-9.50	1095.29	204.17	-501.00	16.05	-58.82	-46.25
20407	8.04	-0.55	-9.50	1114.41	187.28	-479.83	18.00	-46.71	-44.30
20408	9.27	-0.55	-9.50	1134.66	170.76	-465.28	19.85	-29.06	-42.03
20409	10.51	-0.55	-9.50	1156.48	155.41	-458.13	21.55	-3.59	-39.46
20410	11.75	-0.55	-9.50	1180.16	142.28	-458.65	23.04	32.11	-36.60
20411	12.98	-0.55	-9.50	1205.84	132.75	-466.41	24.22	80.41	-33.47
20412	14.22	-0.55	-9.50	1233.44	128.58	-479.73	25.01	143.30	-30.06
20413	15.46	-0.55	-9.50	1262.49	131.94	-495.22	25.28	221.74	-26.34
20414	16.69	-0.55	-9.50	1292.13	145.33	-507.38	24.85	314.38	-22.19
20415	17.93	-0.55	-9.50	1321.72	171.52	-509.05	23.57	415.79	-17.41
20416	19.17	-0.55	-9.50	1352.20	213.39	-492.46	21.27	515.00	-11.65
20417	0.62	0.55	-9.50	996.54	283.56	-675.93	-4.40	-93.31	-35.26
20418	1.85	0.55	-9.50	1019.83	270.63	-637.85	-4.43	-85.90	-34.83
20419	3.09	0.55	-9.50	1040.91	256.44	-601.21	-4.50	-79.27	-34.12
20420	4.33	0.55	-9.50	1060.41	241.14	-566.82	-4.62	-72.90	-33.14
20421	5.56	0.55	-9.50	1079.03	224.93	-535.69	-4.80	-65.91	-31.90
20422	6.80	0.55	-9.50	1097.48	208.09	-508.97	-5.04	-57.04	-30.40
20423	8.04	0.55	-9.50	1116.46	191.06	-487.83	-5.30	-44.65	-28.67
20424	9.27	0.55	-9.50	1136.55	174.39	-473.31	-5.57	-26.74	-26.70
20425	10.51	0.55	-9.50	1158.19	158.88	-466.18	-5.82	-1.02	-24.51
20426	11.75	0.55	-9.50	1181.69	145.60	-466.73	-5.99	34.92	-22.10
20427	12.98	0.55	-9.50	1207.16	135.93	-474.48	-6.05	83.43	-19.48
20428	14.22	0.55	-9.50	1234.53	131.65	-487.74	-5.95	146.52	-16.68
20429	15.46	0.55	-9.50	1263.30	134.90	-503.08	-5.66	225.14	-13.75
20430	16.69	0.55	-9.50	1292.60	148.19	-514.99	-5.14	317.92	-10.82
20431	17.93	0.55	-9.50	1321.79	174.29	-516.28	-4.36	419.39	-8.14
20432	19.17	0.55	-9.50	1351.79	216.04	-499.19	-3.31	518.58	-6.10
20433	0.62	1.65	-9.50	995.30	286.11	-683.98	-14.48	-92.52	-18.97
20434	1.85	1.65	-9.50	1018.29	273.32	-645.96	-16.59	-84.76	-18.42
20435	3.08	1.65	-9.50	1039.03	259.28	-609.41	-18.80	-77.78	-17.64
20436	4.31	1.65	-9.50	1058.13	244.12	-575.13	-21.13	-71.05	-16.65
20437	5.55	1.65	-9.50	1076.29	228.07	-544.11	-23.54	-63.71	-15.47
20438	6.78	1.65	-9.50	1094.23	211.39	-517.48	-26.01	-54.53	-14.11
20439	8.01	1.65	-9.50	1112.63	194.49	-496.40	-28.49	-41.88	-12.60
20440	9.25	1.65	-9.50	1132.10	177.93	-481.88	-30.88	-23.79	-10.94
20441	10.48	1.65	-9.50	1153.11	162.47	-474.66	-33.08	2.02	-9.13
20442	11.71	1.65	-9.50	1175.98	149.12	-474.99	-34.95	37.92	-7.18
20443	12.94	1.65	-9.50	1200.88	139.23	-482.34	-36.33	86.25	-5.09
20444	14.18	1.65	-9.50	1227.79	134.47	-495.01	-37.04	148.98	-2.91
20445	15.41	1.65	-9.50	1256.32	136.90	-509.56	-36.92	227.05	-0.80
20446	16.64	1.65	-9.50	1285.76	148.94	-520.56	-35.74	319.12	0.87
20447	17.87	1.65	-9.50	1315.62	173.35	-521.00	-33.22	419.81	1.41
20448	19.11	1.65	-9.50	1346.90	213.22	-503.42	-29.06	518.36	-0.25
20449	0.62	-1.65	-10.50	1167.09	344.99	-643.54	20.08	-82.10	-56.09
20450	1.85	-1.65	-10.50	1195.01	329.73	-606.03	24.74	-78.71	-56.04
20451	3.08	-1.65	-10.50	1221.85	313.40	-569.66	29.53	-75.76	-55.69
20452	4.31	-1.65	-10.50	1248.06	296.13	-535.00	34.44	-72.66	-55.03
20453	5.55	-1.65	-10.50	1274.07	278.05	-502.79	39.42	-68.53	-54.04
20454	6.78	-1.65	-10.50	1300.27	259.40	-473.85	44.45	-62.15	-52.72
20455	8.01	-1.65	-10.50	1326.91	240.46	-449.03	49.46	-51.93	-51.09
20456	9.25	-1.65	-10.50	1354.11	221.68	-429.11	54.38	-35.96	-49.14
20457	10.48	-1.65	-10.50	1381.76	203.62	-414.67	59.10	-12.06	-46.88
20458	11.71	-1.65	-10.50	1409.54	187.10	-405.95	63.45	22.09	-44.33
20459	12.94	-1.65	-10.50	1436.89	173.20	-402.65	67.22	68.78	-41.45
20460	14.18	-1.65	-10.50	1463.05	163.32	-403.66	70.14	129.93	-38.19
20461	15.41	-1.65	-10.50	1487.10	159.29	-406.96	71.83	206.49	-34.39
20462	16.64	-1.65	-10.50	1508.44	163.39	-409.67	71.76	297.62	-29.74
20463	17.87	-1.65	-10.50	1527.70	178.54	-408.58	69.23	399.47	-23.78
20464	19.11	-1.65	-10.50	1548.10	208.38	-400.71	63.49	504.22	-15.76
20465	0.62	-0.55	-10.50	1174.34	352.18	-650.63	7.24	-82.37	-43.92
20466	1.85	-0.55	-10.50	1202.56	336.70	-613.05	9.71	-78.77	-43.70
20467	3.09	-0.55	-10.50	1229.70	320.10	-576.59	12.22	-75.60	-43.19
20468	4.33	-0.55	-10.50	1256.21	302.48	-541.84	14.74	-72.30	-42.39
20469	5.56	-0.55	-10.50	1282.54	284.02	-509.54	17.24	-67.95	-41.31
20470	6.80	-0.55	-10.50	1309.08	264.94	-480.54	19.72	-61.34	-39.95
20471	8.04	-0.55	-10.50	1336.09	245.56	-455.70	22.15	-50.86	-38.30
20472	9.27	-0.55	-10.50	1363.65	226.33	-435.82	24.48	-34.57	-36.38
20473	10.51	-0.55	-10.50	1391.64	207.87	-421.49	26.67	-10.27	-34.19
20474	11.75	-0.55	-10.50	1419.70	191.05	-412.96	28.65	24.39	-31.74
20475	12.98	-0.55	-10.50	1447.21	177.01	-409.94	30.34	71.70	-29.04
20476	14.22	-0.55	-10.50	1473.28	167.27	-411.31	31.60	133.61	-26.08
20477	15.46	-0.55	-10.50	1496.89	163.74	-414.98	32.27	211.06	-22.81
20478	16.69	-0.55	-10.50	1517.23	168.78	-417.98	32.14	303.13	-19.16
20479	17.93	-0.55	-10.50	1534.76	185.28	-416.97	30.93	405.80	-14.98
20480	19.17	-0.55	-10.50	1552.73	216.67	-408.84	28.36	511.03	-10.03
20481	0.62	0.55	-10.50	1177.60	357.96	-657.89	-5.70	-82.15	-31.32
20482	1.85	0.55	-10.50	1205.78	342.45	-620.31	-5.46	-78.27	-30.91
20483	3.09	0.55	-10.50	1232.84	325.78	-583.86	-5.29	-74.84	-30.24
20484	4.33	0.55	-10.50	1259.25	308.07	-549.12	-5.22	-71.27	-29.32
20485	5.56	0.55	-10.50	1285.45	289.49	-516.84	-5.24	-66.66	-28.15
20486	6.80	0.55	-10.50	1311.84	270.26	-487.86	-5.36	-59.79	-26.73
20487	8.04	0.55	-10.50	1338.67	250.71	-463.05	-5.58	-49.05	-25.08
20488	9.27	0.55	-10.50	1366.03	231.28	-443.21	-5.87	-32.52	-23.19
20489	10.51	0.55	-10.50	1393.81	212.63	-428.91	-6.21	-7.99	-21.07
20490	11.75	0.55	-10.50	1421.63	195.60	-420.42	-6.57	26.89	-18.73
20491	12.98	0.55	-10.50	1448.88	181.37	-417.39	-6.91	74.40	-16.20
20492	14.22	0.55	-10.50	1474.66	171.44	-418.71	-7.18	136.48	-13.51
20493	15.46	0.55	-10.50	1497.94	167.72	-422.26	-7.30	214.07	-10.75



Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
20494	16.69	0.55	-10.50	1517.90	172.57	-425.05	-7.18	306.22	-8.05
20495	17.93	0.55	-10.50	1535.00	188.87	-423.73	-6.70	408.91	-5.62
20496	19.17	0.55	-10.50	1552.47	220.05	-415.22	-5.71	514.05	-3.76
20497	0.62	1.65	-10.50	1176.81	362.20	-665.25	-18.58	-81.44	-18.32
20498	1.85	1.65	-10.50	1204.62	346.83	-627.74	-20.58	-77.24	-17.74
20499	3.08	1.65	-10.50	1231.25	330.31	-591.40	-22.75	-73.48	-16.92
20500	4.31	1.65	-10.50	1257.15	312.75	-556.78	-25.10	-69.58	-15.88
20501	5.55	1.65	-10.50	1282.78	294.31	-524.62	-27.64	-64.66	-14.62
20502	6.78	1.65	-10.50	1308.51	275.22	-495.76	-30.35	-57.50	-13.17
20503	8.01	1.65	-10.50	1334.63	255.78	-471.03	-33.19	-46.53	-11.51
20504	9.25	1.65	-10.50	1361.25	236.43	-451.23	-36.09	-29.83	-9.65
20505	10.48	1.65	-10.50	1388.26	217.79	-436.90	-38.98	-5.23	-7.60
20506	11.71	1.65	-10.50	1415.34	200.67	-428.26	-41.71	29.58	-5.37
20507	12.94	1.65	-10.50	1441.92	186.17	-424.95	-44.14	76.87	-3.01
20508	14.18	1.65	-10.50	1467.21	175.72	-425.82	-46.05	138.53	-0.62
20509	15.41	1.65	-10.50	1490.28	171.14	-428.75	-47.17	215.50	1.60
20510	16.64	1.65	-10.50	1510.48	174.69	-430.81	-47.11	306.88	3.27
20511	17.87	1.65	-10.50	1528.44	189.25	-428.78	-45.31	408.75	3.85
20512	19.11	1.65	-10.50	1547.41	218.44	-419.77	-41.10	513.27	2.58
20513	-19.11	-1.65	-9.50	348.33	359.08	-1447.78	-22.50	-680.86	-59.30
20514	-17.87	-1.65	-9.50	417.55	348.76	-1479.62	-18.60	-607.90	-61.05
20515	-16.64	-1.65	-9.50	470.43	340.35	-1464.02	-15.82	-519.86	-60.51
20516	-15.41	-1.65	-9.50	510.86	334.34	-1410.77	-14.19	-434.19	-59.06
20517	-14.18	-1.65	-9.50	545.59	330.65	-1335.16	-13.33	-360.89	-57.71
20518	-12.94	-1.65	-9.50	580.26	328.72	-1251.41	-12.71	-302.72	-56.96
20519	-11.71	-1.65	-9.50	617.67	327.75	-1169.28	-11.96	-258.13	-56.89
20520	-10.48	-1.65	-9.50	658.13	327.00	-1093.76	-10.87	-224.11	-57.41
20521	-9.25	-1.65	-9.50	700.66	325.85	-1026.43	-9.33	-197.77	-58.35
20522	-8.01	-1.65	-9.50	743.88	323.87	-966.93	-7.36	-176.80	-59.57
20523	-6.78	-1.65	-9.50	786.45	320.77	-913.99	-4.96	-159.53	-60.92
20524	-5.55	-1.65	-9.50	827.28	316.38	-866.06	-2.18	-144.79	-62.28
20525	-4.31	-1.65	-9.50	865.59	310.59	-821.66	0.93	-131.88	-63.55
20526	-3.08	-1.65	-9.50	900.88	303.37	-779.58	4.32	-120.39	-64.64
20527	-1.85	-1.65	-9.50	932.92	294.72	-738.93	7.96	-110.16	-65.48
20528	-0.62	-1.65	-9.50	961.72	284.65	-699.19	11.78	-101.13	-66.04
20529	-19.17	-0.55	-9.50	347.72	363.20	-1457.60	-13.54	-687.26	-25.61
20530	-17.93	-0.55	-9.50	417.85	352.66	-1490.16	-12.46	-613.61	-29.18
20531	-16.69	-0.55	-9.50	471.30	344.15	-1474.48	-11.55	-524.56	-31.77
20532	-15.46	-0.55	-9.50	512.06	338.19	-1420.61	-10.87	-437.96	-33.82
20533	-14.22	-0.55	-9.50	547.04	334.71	-1344.17	-10.33	-363.99	-35.68
20534	-12.98	-0.55	-9.50	582.02	333.08	-1259.68	-9.80	-305.39	-37.51
20535	-11.75	-0.55	-9.50	619.82	332.46	-1177.01	-9.18	-260.54	-39.37
20536	-10.51	-0.55	-9.50	660.76	332.06	-1101.17	-8.41	-226.35	-41.23
20537	-9.27	-0.55	-9.50	703.81	331.23	-1033.71	-7.46	-199.87	-43.05
20538	-8.04	-0.55	-9.50	747.56	329.53	-974.21	-6.32	-178.76	-44.79
20539	-6.80	-0.55	-9.50	790.65	326.66	-921.36	-5.01	-161.32	-46.39
20540	-5.56	-0.55	-9.50	831.97	322.44	-873.55	-3.53	-146.40	-47.82
20541	-4.33	-0.55	-9.50	870.72	316.76	-829.29	-1.89	-133.26	-49.02
20542	-3.09	-0.55	-9.50	906.41	309.59	-787.31	-0.13	-121.53	-49.97
20543	-1.85	-0.55	-9.50	938.80	300.93	-746.73	1.74	-111.03	-50.64
20544	-0.62	-0.55	-9.50	967.90	290.79	-707.01	3.70	-101.71	-51.00
20545	-19.17	0.55	-9.50	348.01	365.96	-1464.91	-4.40	-691.21	8.54
20546	-17.93	0.55	-9.50	418.49	355.52	-1498.04	-6.20	-617.48	3.17
20547	-16.69	0.55	-9.50	472.24	347.08	-1482.75	-7.17	-528.22	-2.58
20548	-15.46	0.55	-9.50	513.22	341.21	-1429.09	-7.41	-441.35	-8.18
20549	-14.22	0.55	-9.50	548.38	337.83	-1352.70	-7.17	-367.09	-13.25
20550	-12.98	0.55	-9.50	583.51	336.32	-1268.15	-6.71	-308.22	-17.68
20551	-11.75	0.55	-9.50	621.45	335.84	-1185.39	-6.20	-263.11	-21.45
20552	-10.51	0.55	-9.50	662.53	335.58	-1109.44	-5.75	-228.66	-24.65
20553	-9.27	0.55	-9.50	705.72	334.91	-1041.87	-5.38	-201.93	-27.33
20554	-8.04	0.55	-9.50	749.62	333.36	-982.29	-5.11	-180.57	-29.56
20555	-6.80	0.55	-9.50	792.84	330.62	-929.37	-4.90	-162.87	-31.39
20556	-5.56	0.55	-9.50	834.29	326.52	-881.52	-4.75	-147.67	-32.85
20557	-4.33	0.55	-9.50	873.16	320.94	-837.23	-4.63	-134.25	-33.97
20558	-3.09	0.55	-9.50	908.93	313.85	-795.25	-4.54	-122.22	-34.76
20559	-1.85	0.55	-9.50	941.39	305.23	-754.66	-4.47	-111.41	-35.23
20560	-0.62	0.55	-9.50	970.52	295.12	-714.94	-4.42	-101.78	-35.39
20561	-19.11	1.65	-9.50	349.24	367.31	-1469.68	4.76	-692.63	42.95
20562	-17.87	1.65	-9.50	419.50	357.28	-1503.22	0.13	-619.45	35.87
20563	-16.64	1.65	-9.50	473.25	349.11	-1488.79	-2.71	-530.80	27.07
20564	-15.41	1.65	-9.50	514.36	343.36	-1436.16	-3.88	-444.33	18.02
20565	-14.18	1.65	-9.50	549.62	339.97	-1360.70	-3.96	-370.18	9.76
20566	-12.94	1.65	-9.50	584.74	338.39	-1276.82	-3.57	-311.18	2.76
20567	-11.71	1.65	-9.50	622.56	337.83	-1194.40	-3.18	-265.80	-2.93
20568	-10.48	1.65	-9.50	663.44	337.51	-1118.55	-3.06	-231.03	-7.46
20569	-9.25	1.65	-9.50	706.39	336.81	-1050.91	-3.28	-203.94	-11.01
20570	-8.01	1.65	-9.50	750.03	335.26	-991.15	-3.86	-182.21	-13.75
20571	-6.78	1.65	-9.50	793.01	332.57	-938.02	-4.76	-164.15	-15.82
20572	-5.55	1.65	-9.50	834.22	328.53	-889.96	-5.93	-148.59	-17.34
20573	-4.31	1.65	-9.50	872.86	323.03	-845.49	-7.33	-134.82	-18.38
20574	-3.08	1.65	-9.50	908.42	316.04	-803.37	-8.91	-122.45	-19.02
20575	-1.85	1.65	-9.50	940.65	307.53	-762.71	-10.64	-111.30	-19.30
20576	-0.62	1.65	-9.50	969.55	297.54	-722.96	-12.50	-101.33	-19.28
20577	-19.11	-1.65	-10.50	436.44	440.60	-1377.46	-28.75	-604.75	-51.54
20578	-17.87	-1.65	-10.50	518.71	438.19	-1390.63	-25.16	-545.73	-53.88
20579	-16.64	-1.65	-10.50	588.42	435.90	-1371.61	-21.99	-471.09	-54.08
20580	-15.41	-1.65	-10.50	646.53	433.88	-1325.95	-19.43	-394.53	-53.13
20581	-14.18	-1.65	-10.50	696.61	432.08	-1263.11	-17.36	-325.38	-51.86
20582	-12.94	-1.65	-10.50	742.50	430.28	-1192.73	-15.53	-267.90	-50.81
20583	-11.71	-1.65	-10.50	786.86	428.15	-1122.13	-13.68	-222.61	-50.22
20584	-10.48	-1.65	-10.50	830.86	425.34	-1055.60	-11.64	-187.99	-50.12
20585	-9.25	-1.65	-10.50	874.57	421.56	-994.86	-9.31	-161.86	-50.44
20586	-8.01	-1.65	-10.50	917.59	416.61	-940.00	-6.65	-142.11	-51.09
20587	-6.78	-1.65	-10.50	959.35	410.38	-890.24	-3.65	-126.98	-51.94
20588	-5.55	-1.65	-10.50	999.36	402.80	-844.46	-0.34	-115.12	-52.88
20589	-4.31	-1.65	-10.50	1037.28	393.87	-801.56	3.27	-105.62	-53.82
20590	-3.08	-1.65	-10.50	1072.95	383.58	-760.57	7.15	-97.86	-54.67
20591	-1.85	-1.65	-10.50	1106.37	371.98	-720.80	11.26	-91.48	-55.37
20592	-0.62	-1.65	-10.50	1137.66	359.10	-681.84	15.58	-86.28	-55.86

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
20593	-19.17	-0.55	-10.50	435.58	445.88	-1386.63	-17.54	-610.46	-21.48
20594	-17.93	-0.55	-10.50	518.87	443.49	-1400.32	-16.71	-550.93	-24.95
20595	-16.69	-0.55	-10.50	589.39	441.25	-1381.26	-15.77	-475.44	-27.53
20596	-15.46	-0.55	-10.50	648.10	439.34	-1335.16	-14.82	-398.01	-29.54
20597	-14.22	-0.55	-10.50	698.65	437.75	-1271.68	-13.86	-328.14	-31.24
20598	-12.98	-0.55	-10.50	744.99	436.22	-1200.68	-12.87	-270.16	-32.81
20599	-11.75	-0.55	-10.50	789.81	434.39	-1129.59	-11.77	-224.55	-34.34
20600	-10.51	-0.55	-10.50	834.30	431.87	-1062.74	-10.54	-189.73	-35.85
20601	-9.27	-0.55	-10.50	878.52	428.36	-1001.84	-9.14	-163.46	-37.32
20602	-8.04	-0.55	-10.50	922.05	423.65	-946.93	-7.58	-143.60	-38.73
20603	-6.80	-0.55	-10.50	964.30	417.61	-897.19	-5.86	-128.35	-40.04
20604	-5.56	-0.55	-10.50	1004.78	410.17	-851.47	-3.98	-116.36	-41.21
20605	-4.33	-0.55	-10.50	1043.14	401.32	-808.63	-1.96	-106.70	-42.20
20606	-3.09	-0.55	-10.50	1079.21	391.05	-767.69	0.20	-98.76	-43.00
20607	-1.85	-0.55	-10.50	1112.98	379.41	-727.95	2.46	-92.19	-43.56
20608	-0.62	-0.55	-10.50	1144.60	366.44	-688.98	4.81	-86.78	-43.87
20609	-19.17	0.55	-10.50	435.96	449.33	-1393.49	-6.06	-613.96	8.96
20610	-17.93	0.55	-10.50	519.63	447.16	-1407.59	-8.04	-554.39	4.39
20611	-16.69	0.55	-10.50	590.51	445.11	-1388.83	-9.35	-478.75	-0.59
20612	-15.46	0.55	-10.50	649.53	443.38	-1342.89	-10.01	-401.10	-5.59
20613	-14.22	0.55	-10.50	700.34	441.96	-1279.47	-10.16	-330.98	-10.28
20614	-12.98	0.55	-10.50	746.90	440.63	-1208.44	-9.98	-272.74	-14.49
20615	-11.75	0.55	-10.50	791.93	439.00	-1137.28	-9.63	-226.88	-18.16
20616	-10.51	0.55	-10.50	836.60	436.68	-1070.33	-9.21	-191.81	-21.27
20617	-9.27	0.55	-10.50	881.01	433.37	-1009.34	-8.76	-165.30	-23.89
20618	-8.04	0.55	-10.50	924.70	428.84	-954.35	-8.33	-145.19	-26.05
20619	-6.80	0.55	-10.50	967.11	422.96	-904.55	-7.91	-129.70	-27.80
20620	-5.56	0.55	-10.50	1007.73	415.67	-858.79	-7.50	-117.47	-29.17
20621	-4.33	0.55	-10.50	1046.21	406.93	-815.92	-7.10	-107.55	-30.20
20622	-3.09	0.55	-10.50	1082.37	396.76	-774.96	-6.71	-99.35	-30.92
20623	-1.85	0.55	-10.50	1116.21	385.17	-735.21	-6.34	-92.51	-31.34
20624	-0.62	0.55	-10.50	1147.86	372.22	-696.23	-6.00	-86.83	-31.47
20625	-19.11	1.65	-10.50	437.64	450.86	-1397.96	5.45	-615.19	39.61
20626	-17.87	1.65	-10.50	521.04	449.10	-1412.36	0.70	-556.06	34.02
20627	-16.64	1.65	-10.50	591.80	447.37	-1394.23	-2.83	-480.98	26.74
20628	-15.41	1.65	-10.50	650.82	445.88	-1349.08	-5.09	-403.77	18.84
20629	-14.18	1.65	-10.50	701.67	444.63	-1286.40	-6.35	-333.87	11.20
20630	-12.94	1.65	-10.50	748.24	443.41	-1215.94	-7.00	-275.62	4.38
20631	-11.71	1.65	-10.50	793.21	441.87	-1145.12	-7.40	-229.57	-1.41
20632	-10.48	1.65	-10.50	837.76	439.66	-1078.31	-7.79	-194.21	-6.14
20633	-9.25	1.65	-10.50	882.01	436.46	-1017.30	-8.31	-167.36	-9.92
20634	-8.01	1.65	-10.50	925.53	432.06	-962.21	-9.00	-146.89	-12.85
20635	-6.78	1.65	-10.50	967.75	426.32	-912.27	-9.89	-131.02	-15.06
20636	-5.55	1.65	-10.50	1008.18	419.16	-866.36	-10.95	-118.42	-16.66
20637	-4.31	1.65	-10.50	1046.46	410.57	-823.36	-12.18	-108.15	-17.75
20638	-3.08	1.65	-10.50	1082.41	400.55	-782.32	-13.56	-99.61	-18.41
20639	-1.85	1.65	-10.50	1116.01	389.11	-742.53	-15.08	-92.45	-18.69
20640	-0.62	1.65	-10.50	1147.39	376.31	-703.55	-16.75	-86.44	-18.65
20641	-23.52	-1.65	-9.50	-0.26	424.18	-877.87	-28.73	-157.32	21.71
20642	-22.67	-1.65	-9.50	17.06	413.05	-948.06	-32.60	-397.86	-1.16
20643	-21.83	-1.65	-9.50	67.73	400.28	-1068.34	-33.71	-574.05	-21.92
20644	-20.99	-1.65	-9.50	150.67	386.56	-1214.69	-31.85	-685.99	-39.92
20645	-20.14	-1.65	-9.50	254.59	372.02	-1355.35	-27.43	-718.36	-53.02
20646	-23.57	-0.55	-9.50	-1.75	427.89	-882.51	-10.64	-156.73	19.90
20647	-22.73	-0.55	-9.50	15.04	416.68	-953.17	-13.22	-399.41	8.99
20648	-21.89	-0.55	-9.50	65.36	404.32	-1074.30	-14.61	-577.64	-1.60
20649	-21.05	-0.55	-9.50	148.42	390.90	-1221.81	-15.13	-691.20	-11.58
20650	-20.20	-0.55	-9.50	252.99	376.35	-1363.87	-14.63	-724.64	-19.97
20651	-23.57	0.55	-9.50	-1.76	429.48	-886.77	7.71	-156.42	18.37
20652	-22.73	0.55	-9.50	14.64	417.88	-957.69	6.88	-401.04	19.60
20653	-21.89	0.55	-9.50	64.56	406.20	-1079.22	5.03	-580.31	18.92
20654	-21.05	0.55	-9.50	147.83	393.30	-1227.44	1.90	-694.56	17.00
20655	-20.20	0.55	-9.50	252.84	378.98	-1370.39	-1.61	-728.44	13.46
20656	-23.52	1.65	-9.50	-1.12	428.66	-892.82	26.60	-158.74	19.10
20657	-22.67	1.65	-9.50	14.84	416.69	-961.80	27.76	-403.44	30.51
20658	-21.83	1.65	-9.50	65.17	406.26	-1082.91	24.63	-581.98	39.25
20659	-20.99	1.65	-9.50	149.00	393.76	-1231.48	18.80	-695.97	45.63
20660	-20.14	1.65	-9.50	254.23	379.86	-1374.86	11.37	-729.68	47.04
20661	-23.52	-1.65	-10.50	8.02	451.10	-1054.59	-30.62	-136.84	22.12
20662	-22.67	-1.65	-10.50	44.31	451.13	-1066.36	-35.48	-349.18	1.38
20663	-21.83	-1.65	-10.50	118.63	448.83	-1141.15	-36.99	-505.45	-17.32
20664	-20.99	-1.65	-10.50	218.35	446.21	-1236.48	-35.90	-603.14	-33.38
20665	-20.14	-1.65	-10.50	332.92	443.35	-1324.02	-32.68	-632.88	-45.29
20666	-23.57	-0.55	-10.50	6.57	455.73	-1060.03	-11.90	-136.14	20.11
20667	-22.73	-0.55	-10.50	42.45	455.26	-1072.11	-15.40	-350.41	9.99
20668	-21.89	-0.55	-10.50	116.38	453.20	-1147.51	-17.01	-508.54	0.34
20669	-21.05	-0.55	-10.50	216.06	451.10	-1243.71	-17.95	-607.68	-8.64
20670	-20.20	-0.55	-10.50	331.13	448.52	-1332.26	-18.09	-638.40	-16.23
20671	-23.57	0.55	-10.50	6.91	459.11	-1064.55	6.46	-135.68	18.25
20672	-22.73	0.55	-10.50	42.73	456.71	-1076.90	5.23	-351.78	18.98
20673	-21.89	0.55	-10.50	115.91	455.18	-1152.72	3.63	-510.89	18.14
20674	-21.05	0.55	-10.50	215.64	453.88	-1249.40	0.38	-610.63	16.27
20675	-20.20	0.55	-10.50	331.10	451.70	-1338.57	-3.20	-641.75	13.14
20676	-23.52	1.65	-10.50	8.46	461.57	-1067.38	23.94	-137.86	18.97
20677	-22.67	1.65	-10.50	43.96	454.48	-1080.92	27.06	-354.02	28.22
20678	-21.83	1.65	-10.50	116.94	455.30	-1156.67	24.35	-512.42	35.67
20679	-20.99	1.65	-10.50	217.17	454.50	-1253.47	18.61	-611.93	41.19
20680	-20.14	1.65	-10.50	332.89	452.79	-1342.85	11.65	-642.87	42.62
20681	20.14	-1.65	-9.50	1391.44	273.92	-431.06	38.12	594.47	-1.70
20682	20.99	-1.65	-9.50	1462.84	379.84	-316.06	24.32	632.83	22.92
20683	21.83	-1.65	-9.50	1586.98	514.03	-114.36	-2.32	565.91	54.69
20684	22.67	-1.65	-9.50	1767.19	682.07	395.67	-94.58	296.22	39.31
20685	23.52	-1.65	-9.50	1759.23	802.38	988.69	-258.03	-10.72	-223.33
20686	20.20	-0.55	-9.50	1392.25	283.38	-438.98	17.45	601.63	-3.56
20687	21.05	-0.55	-9.50	1457.58	391.51	-322.17	11.14	638.22	8.07
20688	21.89	-0.55	-9.50	1556.39	543.99	-115.43	-5.51	564.78	20.33
20689	22.73	-0.55	-9.50	1620.11	782.19	371.05	-55.67	220.33	-3.81
20690	23.57	-0.55	-9.50	1395.13	888.08	680.83	-85.23	-370.42	-73.48
20691	20.20	0.55	-9.50	1391.19	285.89	-445.12	-1.85	605.04	-5.12

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
20692	21.05	0.55	-9.50	1455.69	393.74	-327.82	0.79	641.30	-6.41
20693	21.89	0.55	-9.50	1553.72	545.66	-121.23	13.73	567.52	-7.95
20694	22.73	0.55	-9.50	1617.40	782.73	363.87	63.93	222.30	25.92
20695	23.57	0.55	-9.50	1392.69	889.74	674.16	103.87	-370.89	91.78
20696	20.14	1.65	-9.50	1388.43	281.39	-449.45	-22.61	604.65	-6.41
20697	20.99	1.65	-9.50	1457.35	386.56	-332.89	-12.42	641.96	-20.94
20698	21.83	1.65	-9.50	1578.71	519.36	-131.40	10.10	574.17	-42.19
20699	22.67	1.65	-9.50	1758.04	684.51	372.92	101.06	302.77	-16.13
20700	23.52	1.65	-9.50	1750.45	808.47	970.00	275.05	-15.30	237.96
20701	20.14	-1.65	-10.50	1582.18	266.28	-376.57	52.73	608.64	-3.13
20702	20.99	-1.65	-10.50	1658.75	365.13	-318.98	34.36	685.33	18.03
20703	21.83	-1.65	-10.50	1831.20	509.74	-193.16	2.24	702.53	42.07
20704	22.67	-1.65	-10.50	2284.98	711.99	22.27	-67.97	593.68	43.73
20705	23.52	-1.65	-10.50	3489.26	1133.33	1393.30	-165.73	479.11	-66.28
20706	20.20	-0.55	-10.50	1583.25	275.85	-383.93	23.69	614.99	-3.17
20707	21.05	-0.55	-10.50	1653.67	376.55	-324.78	15.45	689.76	6.84
20708	21.89	-0.55	-10.50	1805.28	532.24	-196.89	-1.18	696.43	15.48
20709	22.73	-0.55	-10.50	2200.09	771.29	-18.55	-35.55	528.70	8.95
20710	23.57	-0.55	-10.50	3332.00	1294.47	1157.23	-85.55	267.16	-47.53
20711	20.20	0.55	-10.50	1582.36	278.94	-389.87	-3.92	617.77	-2.75
20712	21.05	0.55	-10.50	1651.95	379.19	-330.41	-0.15	692.08	-3.69
20713	21.89	0.55	-10.50	1802.52	534.31	-202.83	11.34	698.15	-2.43
20714	22.73	0.55	-10.50	2195.69	771.54	-25.85	41.92	529.14	15.45
20715	23.57	0.55	-10.50	3325.48	1292.75	1146.38	102.09	264.56	80.45
20716	20.14	1.65	-10.50	1579.63	275.47	-394.32	-33.17	616.96	-2.28
20717	20.99	1.65	-10.50	1653.73	373.10	-335.81	-19.21	692.31	-14.53
20718	21.83	1.65	-10.50	1822.64	516.03	-210.25	7.47	707.53	-29.25
20719	22.67	1.65	-10.50	2271.04	714.34	-1.22	72.34	597.11	-17.21
20720	23.52	1.65	-10.50	3463.24	1129.49	1352.84	176.17	468.77	99.99
20721	0.61	2.50	-9.50	992.01	286.81	-690.34	-22.15	-91.59	-6.09
20722	1.84	2.50	-9.50	1014.61	274.23	-652.40	-25.83	-83.54	-5.46
20723	3.07	2.50	-9.50	1034.91	260.42	-615.98	-29.67	-76.26	-4.63
20724	4.30	2.50	-9.50	1053.51	245.54	-581.84	-33.66	-69.23	-3.64
20725	5.52	2.50	-9.50	1071.12	229.76	-550.96	-37.76	-61.60	-2.52
20726	6.75	2.50	-9.50	1088.43	213.38	-524.46	-41.93	-52.17	-1.28
20727	7.98	2.50	-9.50	1106.14	196.77	-503.44	-46.08	-39.34	0.06
20728	9.21	2.50	-9.50	1124.86	180.46	-488.89	-50.10	-21.15	1.48
20729	10.43	2.50	-9.50	1145.09	165.17	-481.52	-53.83	4.62	3.00
20730	11.66	2.50	-9.50	1167.19	151.86	-481.54	-57.08	40.32	4.60
20731	12.89	2.50	-9.50	1191.39	141.79	-488.36	-59.61	88.26	6.27
20732	14.12	2.50	-9.50	1217.74	136.50	-500.25	-61.20	150.37	7.95
20733	15.34	2.50	-9.50	1246.00	137.93	-513.80	-61.59	227.58	9.38
20734	16.57	2.50	-9.50	1275.70	148.33	-523.70	-60.43	318.58	10.02
20735	17.80	2.50	-9.50	1306.61	170.44	-523.20	-57.19	418.15	8.84
20736	19.03	2.50	-9.50	1339.90	207.65	-505.16	-51.16	515.89	4.28
20737	0.61	3.10	-9.50	988.08	286.66	-694.94	-27.46	-90.72	3.15
20738	1.83	3.10	-9.50	1010.29	274.29	-657.09	-32.21	-82.45	3.83
20739	3.06	3.10	-9.50	1030.18	260.74	-620.79	-37.16	-74.94	4.68
20740	4.28	3.10	-9.50	1048.32	246.13	-586.80	-42.28	-67.68	5.66
20741	5.50	3.10	-9.50	1065.39	230.66	-556.06	-47.53	-59.84	6.75
20742	6.72	3.10	-9.50	1082.11	214.61	-529.67	-52.86	-50.23	7.91
20743	7.94	3.10	-9.50	1099.15	198.32	-508.70	-58.16	-37.27	9.14
20744	9.17	3.10	-9.50	1117.15	182.31	-494.13	-63.31	-19.05	10.41
20745	10.39	3.10	-9.50	1136.62	167.26	-486.60	-68.12	6.62	11.72
20746	11.61	3.10	-9.50	1157.95	154.07	-486.29	-72.38	42.06	13.09
20747	12.83	3.10	-9.50	1181.42	143.90	-492.58	-75.83	89.54	14.47
20748	14.05	3.10	-9.50	1207.16	138.20	-503.70	-78.21	150.97	15.79
20749	15.28	3.10	-9.50	1235.05	138.74	-516.26	-79.25	227.26	16.73
20750	16.50	3.10	-9.50	1264.85	147.62	-525.10	-78.55	317.12	16.62
20751	17.72	3.10	-9.50	1296.66	167.45	-523.71	-75.40	415.54	14.21
20752	18.94	3.10	-9.50	1331.94	201.74	-505.17	-68.71	512.48	7.65
20753	0.61	2.50	-10.50	1173.75	364.33	-671.04	-28.43	-80.60	-7.99
20754	1.84	2.50	-10.50	1201.08	349.19	-633.64	-32.12	-76.11	-7.29
20755	3.07	2.50	-10.50	1227.16	332.92	-597.42	-36.06	-72.06	-6.37
20756	4.30	2.50	-10.50	1252.43	315.62	-562.96	-40.26	-67.88	-5.25
20757	5.52	2.50	-10.50	1277.35	297.46	-530.96	-44.70	-62.69	-3.94
20758	6.75	2.50	-10.50	1302.30	278.65	-502.24	-49.37	-55.30	-2.45
20759	7.98	2.50	-10.50	1327.55	259.48	-477.61	-54.20	-44.15	-0.79
20760	9.21	2.50	-10.50	1353.25	240.36	-457.84	-59.12	-27.37	1.05
20761	10.43	2.50	-10.50	1379.33	221.87	-443.44	-63.97	-2.83	3.05
20762	11.66	2.50	-10.50	1405.50	204.76	-434.59	-68.60	31.76	5.19
20763	12.89	2.50	-10.50	1431.29	190.05	-430.89	-72.77	78.61	7.39
20764	14.12	2.50	-10.50	1456.00	179.06	-431.17	-76.19	139.58	9.51
20765	15.34	2.50	-10.50	1478.88	173.46	-433.33	-78.46	215.61	11.23
20766	16.57	2.50	-10.50	1499.51	175.39	-434.52	-78.98	305.85	12.00
20767	17.80	2.50	-10.50	1518.75	187.65	-431.66	-76.85	406.58	11.02
20768	19.03	2.50	-10.50	1539.95	214.08	-422.05	-70.88	510.26	7.09
20769	0.61	3.10	-10.50	1169.91	365.25	-675.23	-35.25	-79.79	-0.51
20770	1.83	3.10	-10.50	1196.76	350.35	-637.93	-40.09	-75.09	0.26
20771	3.06	3.10	-10.50	1222.31	334.33	-601.85	-45.24	-70.82	1.24
20772	4.28	3.10	-10.50	1246.99	317.32	-567.54	-50.70	-66.41	2.42
20773	5.50	3.10	-10.50	1271.23	299.47	-535.69	-56.44	-61.01	3.77
20774	6.72	3.10	-10.50	1295.42	280.97	-507.10	-62.45	-53.45	5.29
20775	7.94	3.10	-10.50	1319.85	262.12	-482.57	-68.65	-42.18	6.96
20776	9.17	3.10	-10.50	1344.67	243.30	-462.81	-74.94	-25.39	8.78
20777	10.39	3.10	-10.50	1369.83	225.03	-448.34	-81.18	-0.95	10.75
20778	11.61	3.10	-10.50	1395.12	208.02	-439.26	-87.17	33.34	12.82
20779	12.83	3.10	-10.50	1420.10	193.22	-435.17	-92.65	79.69	14.92
20780	14.05	3.10	-10.50	1444.19	181.82	-434.86	-97.30	139.91	16.83
20781	15.28	3.10	-10.50	1466.77	175.36	-436.25	-100.66	214.93	18.15
20782	16.50	3.10	-10.50	1487.66	175.81	-436.58	-102.05	303.97	18.22
20783	17.72	3.10	-10.50	1507.99	185.87	-432.91	-100.32	403.50	16.05
20784	18.94	3.10	-10.50	1531.30	209.38	-422.62	-93.89	506.24	10.21
20785	20.06	2.50	-9.50	1384.77	273.65	-451.57	-41.04	602.17	-7.07
20786	20.91	2.50	-9.50	1459.07	377.79	-336.77	-26.60	640.76	-32.53
20787	21.75	2.50	-9.50	1595.88	502.90	-134.91	-12.64	577.19	-74.19
20788	22.60	2.50	-9.50	1864.29	603.92	347.71	15.46	345.53	-119.29
20789	23.44	2.50	-9.50	2152.88	631.31	1312.94	102.87	383.54	28.80
20790	19.98	3.10	-9.50	1380.54	265.16	-452.24	-56.21	599.05	-7.34

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
20791	20.83	3.10	-9.50	1458.91	370.08	-338.33	-38.53	638.81	-39.85
20792	21.68	3.10	-9.50	1596.70	502.52	-138.22	-31.43	574.06	-97.38
20793	22.52	3.10	-9.50	1869.15	602.82	331.18	-67.27	336.85	-195.68
20794	23.37	3.10	-9.50	2186.78	621.29	1287.94	-234.71	388.99	-332.91
20795	20.06	2.50	-10.50	1575.83	268.77	-396.82	-58.63	614.23	-1.87
20796	20.91	2.50	-10.50	1655.64	365.85	-338.38	-38.19	691.46	-23.52
20797	21.75	2.50	-10.50	1838.84	502.96	-217.25	-12.33	711.29	-57.90
20798	22.60	2.50	-10.50	2342.73	679.09	19.44	29.68	650.49	-99.58
20799	23.44	2.50	-10.50	3592.31	989.62	1532.53	59.21	639.00	-75.81
20800	19.98	3.10	-10.50	1571.14	261.33	-397.60	-79.14	610.87	-2.02
20801	20.83	3.10	-10.50	1655.93	359.22	-338.73	-53.88	689.99	-30.09
20802	21.68	3.10	-10.50	1843.87	502.95	-220.28	-29.18	709.46	-78.14
20803	22.52	3.10	-10.50	2358.52	690.91	16.51	-20.42	646.20	-175.63
20804	23.37	3.10	-10.50	3650.32	1008.75	1530.84	-75.54	650.53	-286.39
20805	-19.03	2.50	-9.50	350.81	367.49	-1471.81	11.84	-692.16	69.74
20806	-17.80	2.50	-9.50	420.53	357.93	-1505.58	5.09	-619.80	61.49
20807	-16.57	2.50	-9.50	474.09	350.05	-1492.10	0.82	-532.12	50.46
20808	-15.34	2.50	-9.50	515.21	344.38	-1440.78	-1.11	-446.36	38.83
20809	-14.12	2.50	-9.50	550.49	340.90	-1366.59	-1.47	-372.53	28.17
20810	-12.89	2.50	-9.50	585.50	339.14	-1283.65	-1.17	-313.53	19.19
20811	-11.66	2.50	-9.50	623.07	338.37	-1201.78	-0.90	-267.96	12.01
20812	-10.43	2.50	-9.50	663.58	337.87	-1126.15	-1.03	-232.89	6.42
20813	-9.21	2.50	-9.50	706.12	337.03	-1058.48	-1.70	-205.46	2.16
20814	-7.98	2.50	-9.50	749.32	335.40	-998.54	-2.93	-183.39	-1.01
20815	-6.75	2.50	-9.50	791.88	332.66	-945.15	-4.67	-164.98	-3.32
20816	-5.52	2.50	-9.50	832.70	328.63	-896.84	-6.85	-149.10	-4.91
20817	-4.30	2.50	-9.50	870.96	323.19	-852.14	-9.39	-135.03	-5.93
20818	-3.07	2.50	-9.50	906.17	316.28	-809.84	-12.24	-122.37	-6.48
20819	-1.84	2.50	-9.50	938.05	307.90	-769.07	-15.34	-110.94	-6.65
20820	-0.61	2.50	-9.50	966.61	298.06	-729.29	-18.65	-100.69	-6.51
20821	-18.94	3.10	-9.50	352.40	367.00	-1472.21	16.76	-690.65	88.69
20822	-17.72	3.10	-9.50	421.46	357.90	-1506.08	8.60	-619.17	79.70
20823	-16.50	3.10	-9.50	474.73	350.35	-1493.44	3.33	-532.53	67.18
20824	-15.28	3.10	-9.50	515.81	344.79	-1443.39	0.85	-447.57	53.82
20825	-14.05	3.10	-9.50	551.07	341.24	-1370.47	0.25	-374.15	41.51
20826	-12.83	3.10	-9.50	585.94	339.30	-1288.51	0.45	-315.23	31.16
20827	-11.61	3.10	-9.50	623.22	338.32	-1207.25	0.62	-269.52	22.93
20828	-10.39	3.10	-9.50	663.33	337.61	-1131.88	0.30	-234.22	16.58
20829	-9.17	3.10	-9.50	705.41	336.60	-1064.21	-0.68	-206.51	11.80
20830	-7.94	3.10	-9.50	748.15	334.84	-1004.13	-2.36	-184.15	8.29
20831	-6.72	3.10	-9.50	790.25	332.03	-950.51	-4.67	-165.47	5.80
20832	-5.50	3.10	-9.50	830.63	327.98	-901.95	-7.54	-149.33	4.12
20833	-4.28	3.10	-9.50	868.49	322.56	-857.03	-10.87	-135.01	3.09
20834	-3.06	3.10	-9.50	903.31	315.72	-814.56	-14.58	-122.13	2.57
20835	-1.83	3.10	-9.50	934.84	307.43	-773.68	-18.61	-110.49	2.46
20836	-0.61	3.10	-9.50	963.04	297.73	-733.86	-22.92	-100.04	2.68
20837	-19.03	2.50	-10.50	439.77	450.82	-1399.96	14.27	-614.71	63.45
20838	-17.80	2.50	-10.50	522.54	449.44	-1414.54	7.46	-556.23	57.22
20839	-16.57	2.50	-10.50	592.90	448.01	-1397.09	2.26	-482.01	48.29
20840	-15.34	2.50	-10.50	651.73	446.73	-1352.92	-1.24	-405.54	38.25
20841	-14.12	2.50	-10.50	702.47	445.58	-1291.24	-3.38	-336.09	28.41
20842	-12.89	2.50	-10.50	748.90	444.40	-1221.59	-4.69	-278.00	19.60
20843	-11.66	2.50	-10.50	793.66	442.87	-1151.29	-5.69	-231.86	12.17
20844	-10.43	2.50	-10.50	837.93	440.66	-1084.73	-6.71	-196.26	6.16
20845	-9.21	2.50	-10.50	881.86	437.49	-1023.77	-7.97	-169.09	1.46
20846	-7.98	2.50	-10.50	925.03	433.15	-968.59	-9.53	-148.25	-2.11
20847	-6.75	2.50	-10.50	966.91	427.49	-918.48	-11.42	-132.02	-4.73
20848	-5.52	2.50	-10.50	1007.00	420.45	-872.40	-13.61	-119.07	-6.55
20849	-4.30	2.50	-10.50	1044.93	411.99	-829.26	-16.08	-108.47	-7.72
20850	-3.07	2.50	-10.50	1080.53	402.12	-788.11	-18.81	-99.62	-8.37
20851	-1.84	2.50	-10.50	1113.77	390.85	-748.26	-21.78	-92.16	-8.58
20852	-0.61	2.50	-10.50	1144.76	378.24	-709.29	-24.99	-85.88	-8.43
20853	-18.94	3.10	-10.50	441.95	450.04	-1400.33	20.42	-613.29	80.36
20854	-17.72	3.10	-10.50	523.93	448.96	-1415.02	12.24	-555.51	73.73
20855	-16.50	3.10	-10.50	593.78	447.85	-1398.17	5.88	-482.21	63.72
20856	-15.28	3.10	-10.50	652.33	446.76	-1354.94	1.51	-406.56	52.24
20857	-14.05	3.10	-10.50	702.89	445.70	-1294.27	-1.26	-337.64	40.91
20858	-12.83	3.10	-10.50	749.13	444.52	-1225.45	-3.06	-279.76	30.74
20859	-11.61	3.10	-10.50	793.62	442.97	-1155.71	-4.49	-233.61	22.17
20860	-10.39	3.10	-10.50	837.57	440.73	-1089.45	-5.98	-197.84	15.27
20861	-9.17	3.10	-10.50	881.13	437.55	-1028.56	-7.75	-170.40	9.89
20862	-7.94	3.10	-10.50	923.92	433.21	-973.31	-9.92	-149.26	5.84
20863	-6.72	3.10	-10.50	965.41	427.60	-923.07	-12.51	-132.72	2.91
20864	-5.50	3.10	-10.50	1005.11	420.62	-876.83	-15.48	-119.47	0.90
20865	-4.28	3.10	-10.50	1042.67	412.26	-833.55	-18.81	-108.60	-0.36
20866	-3.06	3.10	-10.50	1077.90	402.51	-792.29	-22.47	-99.50	-1.03
20867	-1.83	3.10	-10.50	1110.76	391.40	-752.39	-26.43	-91.80	-1.21
20868	-0.61	3.10	-10.50	1141.35	378.96	-713.42	-30.69	-85.30	-1.02
20869	-20.06	2.50	-9.50	256.29	379.50	-1377.06	21.32	-729.05	73.06
20870	-19.98	3.10	-9.50	258.45	378.45	-1377.74	28.20	-727.46	91.45
20871	-20.91	2.50	-9.50	150.96	392.96	-1233.33	31.64	-695.72	67.51
20872	-20.83	3.10	-9.50	153.10	391.52	-1233.58	40.52	-694.50	83.05
20873	-21.75	2.50	-9.50	66.53	405.36	-1084.57	39.25	-582.20	54.53
20874	-21.68	3.10	-9.50	68.31	403.74	-1084.74	49.28	-581.36	65.32
20875	-22.60	2.50	-9.50	14.75	415.29	-963.42	43.80	-404.78	37.33
20876	-22.52	3.10	-9.50	14.95	414.65	-962.55	54.06	-404.15	41.81
20877	-23.44	2.50	-9.50	-1.76	424.08	-902.94	41.22	-164.97	23.12
20878	-23.37	3.10	-9.50	-2.87	416.98	-914.02	50.60	-172.23	21.15
20879	-20.06	2.50	-10.50	335.32	452.30	-1344.84	23.09	-642.32	65.53
20880	-19.98	3.10	-10.50	337.75	451.12	-1345.26	30.98	-640.91	81.70
20881	-20.91	2.50	-10.50	219.14	453.60	-1255.09	32.54	-611.59	60.11
20882	-20.83	3.10	-10.50	220.94	452.16	-1254.84	42.20	-610.15	73.58
20883	-21.75	2.50	-10.50	118.20	454.36	-1157.98	39.86	-512.05	48.66
20884	-21.68	3.10	-10.50	119.31	452.50	-1157.18	50.63	-510.11	57.77
20885	-22.60	2.50	-10.50	44.11	452.15	-1082.80	44.43	-353.87	33.12
20886	-22.52	3.10	-10.50	43.82	452.17	-1082.66	55.49	-350.49	36.44
20887	-23.44	2.50	-10.50	8.29	454.66	-1069.16	36.87	-142.92	24.51
20888	-23.37	3.10	-10.50	7.23	438.10	-1070.48	46.88	-147.91	21.91
20889	0.61	3.95	-9.50	980.27	285.55	-701.81	-34.76	-89.18	16.42

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
20890	1.82	3.95	-9.50	1001.79	273.57	-664.12	-40.97	-80.58	17.16
20891	3.03	3.95	-9.50	1020.92	260.47	-628.06	-47.41	-72.73	18.04
20892	4.24	3.95	-9.50	1038.22	246.39	-594.33	-54.06	-65.12	19.02
20893	5.45	3.95	-9.50	1054.36	231.51	-563.86	-60.87	-56.94	20.07
20894	6.67	3.95	-9.50	1070.01	216.08	-537.66	-67.76	-47.05	21.15
20895	7.88	3.96	-9.50	1085.86	200.44	-516.79	-74.63	-33.94	22.25
20896	9.09	3.96	-9.50	1102.54	185.05	-502.13	-81.34	-15.73	23.34
20897	10.30	3.96	-9.50	1120.60	170.53	-494.30	-87.69	9.68	24.42
20898	11.51	3.96	-9.50	1140.47	157.67	-493.38	-93.44	44.56	25.48
20899	12.73	3.96	-9.50	1162.48	147.50	-498.68	-98.34	91.12	26.50
20900	13.94	3.96	-9.50	1186.84	141.28	-508.40	-102.15	151.21	27.33
20901	15.15	3.96	-9.50	1213.65	140.52	-519.18	-104.61	225.69	27.59
20902	16.36	3.96	-9.50	1243.01	146.97	-526.09	-105.34	313.36	26.39
20903	17.57	3.96	-9.50	1275.63	162.93	-523.08	-103.50	409.56	22.22
20904	18.78	3.96	-9.50	1313.62	191.67	-503.73	-97.48	504.98	12.92
20905	0.60	5.05	-9.50	967.20	282.55	-711.46	-43.75	-86.88	33.92
20906	1.79	5.05	-9.50	987.64	271.17	-674.02	-51.69	-77.84	34.68
20907	2.99	5.06	-9.50	1005.63	258.79	-638.32	-59.92	-69.51	35.57
20908	4.18	5.06	-9.50	1021.67	245.55	-605.00	-68.38	-61.41	36.54
20909	5.38	5.06	-9.50	1036.39	231.62	-574.91	-77.03	-52.79	37.54
20910	6.58	5.06	-9.50	1050.43	217.22	-549.00	-85.78	-42.54	38.54
20911	7.77	5.06	-9.50	1064.46	202.67	-528.24	-94.54	-29.25	39.51
20912	8.97	5.07	-9.50	1079.11	188.35	-513.42	-103.15	-11.15	40.41
20913	10.16	5.07	-9.50	1094.94	174.79	-505.07	-111.43	13.77	41.23
20914	11.36	5.07	-9.50	1112.42	162.66	-503.15	-119.16	47.69	41.96
20915	12.55	5.07	-9.50	1131.93	152.78	-506.89	-126.13	92.70	42.53
20916	13.75	5.07	-9.50	1153.76	146.13	-514.40	-132.19	150.55	42.77
20917	14.94	5.08	-9.50	1178.18	143.85	-522.41	-137.22	222.03	42.15
20918	16.14	5.08	-9.50	1205.70	147.20	-526.33	-141.02	306.06	39.55
20919	17.33	5.08	-9.50	1237.75	157.82	-520.73	-142.82	398.53	33.06
20920	18.53	5.08	-9.50	1277.56	178.25	-500.13	-140.73	491.37	20.16
20921	0.59	6.15	-9.50	950.46	277.90	-722.43	-52.11	-84.22	51.83
20922	1.76	6.15	-9.50	969.64	267.23	-685.25	-61.54	-74.71	52.55
20923	2.94	6.16	-9.50	986.30	255.73	-649.94	-71.29	-65.89	53.38
20924	4.11	6.16	-9.50	1000.91	243.51	-617.07	-81.30	-57.28	54.29
20925	5.29	6.16	-9.50	1014.02	230.73	-587.40	-91.51	-48.17	55.22
20926	6.46	6.16	-9.50	1026.24	217.61	-561.78	-101.85	-37.57	56.15
20927	7.64	6.16	-9.50	1038.18	204.41	-541.07	-112.20	-24.14	57.03
20928	8.81	6.17	-9.50	1050.46	191.48	-525.98	-122.46	-6.25	57.82
20929	9.99	6.17	-9.50	1063.63	179.26	-516.91	-132.45	17.99	58.48
20930	11.16	6.17	-9.50	1078.16	168.26	-513.73	-142.02	50.61	58.95
20931	12.34	6.17	-9.50	1094.41	159.11	-515.53	-151.06	93.62	59.17
20932	13.51	6.17	-9.50	1112.69	152.53	-520.38	-159.54	148.64	58.90
20933	14.69	6.18	-9.50	1133.29	149.28	-525.10	-167.57	216.34	57.51
20934	15.86	6.18	-9.50	1156.92	150.17	-525.47	-175.29	295.71	53.62
20935	17.04	6.18	-9.50	1185.46	156.11	-516.74	-182.35	383.29	45.03
20936	18.21	6.18	-9.50	1222.90	168.56	-494.37	-187.28	472.34	28.76
20937	0.58	7.25	-9.50	930.20	271.81	-735.27	-59.71	-81.28	70.32
20938	1.73	7.25	-9.50	947.97	261.94	-698.33	-70.34	-71.31	70.91
20939	2.88	7.25	-9.50	963.20	251.43	-663.43	-81.32	-61.96	71.61
20940	4.03	7.25	-9.50	976.27	240.37	-631.02	-92.58	-52.81	72.40
20941	5.18	7.25	-9.50	987.68	228.92	-601.76	-104.04	-43.21	73.26
20942	6.33	7.26	-9.50	997.95	217.26	-576.38	-115.61	-32.25	74.13
20943	7.48	7.26	-9.50	1007.66	205.65	-555.63	-127.22	-18.71	74.97
20944	8.63	7.26	-9.50	1017.36	194.38	-540.09	-138.76	-1.12	75.74
20945	9.78	7.26	-9.50	1027.58	183.79	-530.06	-150.15	22.25	76.36
20946	10.93	7.26	-9.50	1038.73	174.30	-525.30	-161.28	53.28	76.72
20947	12.08	7.26	-9.50	1051.14	166.35	-524.81	-172.15	93.84	76.70
20948	13.23	7.26	-9.50	1065.03	160.37	-526.61	-182.91	145.45	76.00
20949	14.38	7.26	-9.50	1080.57	156.87	-527.65	-193.81	208.71	73.99
20950	15.53	7.26	-9.50	1098.27	156.38	-524.09	-205.41	282.54	69.16
20951	16.68	7.26	-9.50	1120.07	159.17	-511.86	-218.03	363.92	58.87
20952	17.83	7.26	-9.50	1150.01	165.94	-487.33	-230.91	447.78	40.04
20953	0.61	3.95	-10.50	1162.12	365.81	-681.50	-44.69	-78.35	10.31
20954	1.82	3.95	-10.50	1188.11	351.33	-644.38	-51.11	-73.30	11.16
20955	3.03	3.95	-10.50	1212.69	335.80	-608.55	-57.90	-68.68	12.23
20956	4.24	3.95	-10.50	1236.30	319.33	-574.53	-65.06	-63.92	13.49
20957	5.45	3.95	-10.50	1259.34	302.06	-542.96	-72.57	-58.20	14.91
20958	6.67	3.95	-10.50	1282.18	284.20	-514.61	-80.39	-50.37	16.48
20959	7.88	3.96	-10.50	1305.13	265.99	-490.24	-88.46	-38.97	18.19
20960	9.09	3.96	-10.50	1328.35	247.77	-470.50	-96.66	-22.20	20.04
20961	10.30	3.96	-10.50	1351.85	230.03	-455.86	-104.85	1.96	21.99
20962	11.51	3.96	-10.50	1375.46	213.36	-446.37	-112.81	35.66	24.00
20963	12.73	3.96	-10.50	1398.84	198.57	-441.55	-120.29	81.00	25.95
20964	13.94	3.96	-10.50	1421.54	186.69	-440.15	-126.95	139.74	27.56
20965	15.15	3.96	-10.50	1443.18	179.02	-440.14	-132.35	212.77	28.30
20966	16.36	3.96	-10.50	1463.91	177.21	-438.88	-135.74	299.44	27.30
20967	17.57	3.96	-10.50	1485.33	183.64	-433.67	-135.81	396.56	23.30
20968	18.78	3.96	-10.50	1511.47	201.87	-422.18	-130.42	497.56	14.78
20969	0.60	5.05	-10.50	1148.93	365.04	-690.28	-56.39	-76.20	24.73
20970	1.79	5.05	-10.50	1173.59	351.23	-653.46	-64.70	-70.66	25.63
20971	2.99	5.06	-10.50	1196.71	336.47	-618.02	-73.45	-65.54	26.78
20972	4.18	5.06	-10.50	1218.69	320.87	-584.42	-82.64	-60.29	28.12
20973	5.38	5.06	-10.50	1239.90	304.57	-553.28	-92.25	-54.12	29.62
20974	6.58	5.06	-10.50	1260.70	287.74	-525.29	-102.23	-45.94	31.28
20975	7.77	5.06	-10.50	1281.39	270.61	-501.13	-112.54	-34.37	33.06
20976	8.97	5.07	-10.50	1302.14	253.46	-481.40	-123.07	-17.73	34.95
20977	10.16	5.07	-10.50	1323.02	236.69	-466.46	-133.67	5.91	36.91
20978	11.36	5.07	-10.50	1343.91	220.77	-456.28	-144.18	38.57	38.86
20979	12.55	5.07	-10.50	1364.59	206.32	-450.30	-154.37	82.22	40.61
20980	13.75	5.07	-10.50	1384.73	194.11	-447.21	-163.99	138.50	41.80
20981	14.94	5.08	-10.50	1404.20	185.11	-445.02	-172.69	208.23	41.73
20982	16.14	5.08	-10.50	1423.51	180.54	-441.28	-179.84	290.90	39.22
20983	17.33	5.08	-10.50	1444.77	182.11	-433.58	-184.17	383.84	32.66
20984	18.53	5.08	-10.50	1472.77	192.67	-420.02	-183.29	481.64	20.12
20985	0.59	6.15	-10.50	1131.87	362.63	-700.14	-67.36	-73.71	39.74
20986	1.76	6.15	-10.50	1154.97	349.61	-663.64	-77.32	-67.62	40.62
20987	2.94	6.16	-10.50	1176.41	335.79	-628.64	-87.78	-61.95	41.77
20988	4.11	6.16	-10.50	1196.52	321.25	-595.53	-98.72	-56.17	43.14

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
20989	5.29	6.16	-10.50	1215.64	306.13	-564.86	-110.12	-49.52	44.70
20990	6.46	6.16	-10.50	1234.11	290.59	-537.24	-121.95	-40.99	46.44
20991	7.64	6.16	-10.50	1252.19	274.82	-513.27	-134.17	-29.30	48.31
20992	8.81	6.17	-10.50	1270.08	259.07	-493.47	-146.69	-12.89	50.27
20993	9.99	6.17	-10.50	1287.84	243.63	-478.09	-159.43	10.01	52.27
20994	11.16	6.17	-10.50	1305.41	228.88	-467.02	-172.25	41.30	54.17
20995	12.34	6.17	-10.50	1322.60	215.25	-459.60	-185.04	82.79	55.74
20996	13.51	6.17	-10.50	1339.18	203.28	-454.50	-197.66	135.95	56.53
20997	14.69	6.18	-10.50	1355.08	193.63	-449.75	-209.95	201.51	55.67
20998	15.86	6.18	-10.50	1370.98	187.09	-443.07	-221.58	279.00	51.72
20999	17.04	6.18	-10.50	1389.23	184.73	-432.31	-231.66	366.30	42.68
21000	18.21	6.18	-10.50	1414.85	188.24	-415.98	-238.30	459.13	26.17
21001	0.58	7.25	-10.50	1111.08	358.60	-711.53	-77.48	-70.97	55.66
21002	1.73	7.25	-10.50	1132.46	346.49	-675.34	-88.80	-64.29	56.41
21003	2.88	7.25	-10.50	1152.06	333.74	-640.79	-100.66	-58.02	57.47
21004	4.03	7.25	-10.50	1170.15	320.42	-608.19	-113.03	-51.66	58.82
21005	5.18	7.25	-10.50	1187.03	306.65	-577.99	-125.88	-44.50	60.40
21006	6.33	7.26	-10.50	1203.00	292.58	-550.71	-139.18	-35.62	62.19
21007	7.48	7.26	-10.50	1218.28	278.40	-526.86	-152.91	-23.85	64.16
21008	8.63	7.26	-10.50	1233.04	264.31	-506.85	-167.02	-7.77	66.24
21009	9.78	7.26	-10.50	1247.34	250.53	-490.84	-181.48	14.20	68.33
21010	10.93	7.26	-10.50	1261.14	237.34	-478.63	-196.22	43.78	70.23
21011	12.08	7.26	-10.50	1274.24	225.03	-469.50	-211.25	82.65	71.63
21012	13.23	7.26	-10.50	1286.44	213.91	-462.11	-226.56	132.11	72.01
21013	14.38	7.26	-10.50	1297.60	204.41	-454.55	-242.13	192.79	70.47
21014	15.53	7.26	-10.50	1308.17	197.14	-444.68	-258.01	264.12	65.42
21015	16.68	7.26	-10.50	1320.33	192.54	-430.58	-273.97	344.27	54.34
21016	17.83	7.26	-10.50	1338.65	191.61	-410.99	-288.86	430.28	34.68
21017	19.82	3.96	-9.50	1369.11	248.33	-451.52	-83.21	592.38	-7.23
21018	20.67	3.96	-9.50	1456.09	352.75	-338.76	-58.42	635.54	-48.52
21019	21.53	3.96	-9.50	1587.75	505.64	-146.99	-47.72	568.74	-119.86
21020	22.38	3.96	-9.50	1790.88	677.87	318.94	-140.87	293.40	-283.44
21021	23.24	3.96	-9.50	1851.24	786.24	905.22	-431.68	-8.28	-546.93
21022	19.56	5.08	-9.50	1341.35	221.81	-448.20	-129.03	580.42	-6.35
21023	20.42	5.08	-9.50	1447.68	314.85	-338.67	-94.91	631.81	-57.42
21024	21.29	5.08	-9.50	1588.92	490.63	-150.81	-51.36	574.08	-137.25
21025	22.15	5.07	-9.50	1710.27	771.58	288.68	-94.12	244.43	-306.94
21026	23.02	5.07	-9.50	1587.63	886.47	607.00	-262.79	-352.91	-415.62
21027	19.24	6.18	-9.50	1289.42	196.90	-442.14	-185.89	563.04	-4.10
21028	20.12	6.18	-9.50	1416.23	261.33	-337.02	-159.41	627.08	-65.28
21029	20.99	6.18	-9.50	1611.45	417.34	-156.01	-78.72	596.88	-152.92
21030	21.87	6.18	-9.50	1786.89	753.33	289.85	15.16	295.27	-269.22
21031	22.75	6.17	-9.50	1713.32	926.69	612.53	-73.95	-326.20	-261.21
21032	18.86	7.26	-9.50	1208.57	182.17	-434.14	-244.68	538.27	0.84
21033	19.75	7.26	-9.50	1335.90	217.78	-332.44	-246.14	615.69	-71.62
21034	20.64	7.26	-9.50	1582.78	300.42	-170.49	-192.44	622.65	-174.82
21035	21.53	7.26	-9.50	1966.01	592.56	288.68	-14.77	436.18	-300.71
21036	22.42	7.26	-9.50	2237.07	929.27	888.74	105.96	87.27	-113.24
21037	19.82	3.96	-10.50	1557.88	246.72	-396.60	-114.31	603.07	-2.96
21038	20.67	3.96	-10.50	1651.76	341.93	-338.62	-81.31	686.34	-38.16
21039	21.53	3.96	-10.50	1838.85	503.43	-222.36	-49.15	706.19	-100.53
21040	22.38	3.96	-10.50	2311.04	742.87	-28.86	-52.32	600.55	-243.42
21041	23.24	3.96	-10.50	3585.40	1161.26	1293.59	-185.37	500.29	-509.40
21042	19.56	5.08	-10.50	1526.13	224.62	-392.70	-170.77	587.93	-4.48
21043	20.42	5.08	-10.50	1636.46	305.43	-335.13	-131.50	680.08	-49.16
21044	21.29	5.08	-10.50	1834.68	478.93	-221.51	-68.51	709.24	-116.86
21045	22.15	5.07	-10.50	2270.08	791.77	-75.02	-8.33	570.98	-257.16
21046	23.02	5.07	-10.50	3496.44	1333.63	1044.30	-81.44	335.66	-484.83
21047	19.24	6.18	-10.50	1468.94	206.21	-385.58	-236.93	564.86	-6.06
21048	20.12	6.18	-10.50	1591.82	258.42	-327.10	-209.18	667.86	-62.92
21049	20.99	6.18	-10.50	1830.68	400.05	-214.31	-124.67	725.32	-134.18
21050	21.87	6.18	-10.50	2322.95	738.87	-67.16	36.76	626.97	-240.56
21051	22.75	6.17	-10.50	3606.82	1354.31	1072.95	106.83	410.15	-355.17
21052	18.86	7.26	-10.50	1382.86	198.75	-376.51	-303.06	532.40	-5.07
21053	19.75	7.26	-10.50	1497.51	225.87	-315.04	-303.92	642.28	-77.10
21054	20.64	7.26	-10.50	1755.01	293.86	-205.04	-261.34	733.60	-167.64
21055	21.53	7.26	-10.50	2371.99	557.13	-35.38	-74.83	740.09	-275.28
21056	22.42	7.26	-10.50	3897.91	1210.24	1290.31	114.62	717.47	-332.70
21057	-18.78	3.96	-9.50	355.36	365.32	-1471.21	23.72	-686.89	115.93
21058	-17.57	3.96	-9.50	423.12	357.16	-1505.07	13.60	-617.00	105.90
21059	-16.36	3.96	-9.50	475.77	350.24	-1493.86	6.95	-532.31	91.42
21060	-15.15	3.96	-9.50	516.68	344.93	-1446.08	3.64	-448.89	75.71
21061	-13.94	3.96	-9.50	551.84	341.29	-1375.49	2.63	-376.31	61.14
21062	-12.73	3.96	-9.50	586.40	339.05	-1295.39	2.63	-317.63	48.87
21063	-11.51	3.96	-9.50	623.12	337.67	-1215.33	2.61	-271.77	39.12
21064	-10.30	3.96	-9.50	662.48	336.56	-1140.52	2.01	-236.11	31.65
21065	-9.09	3.96	-9.50	703.69	335.21	-1072.96	0.58	-207.97	26.07
21066	-7.88	3.96	-9.50	745.53	333.18	-1012.66	-1.72	-185.14	22.03
21067	-6.67	3.95	-9.50	786.74	330.20	-958.68	-4.82	-166.01	19.20
21068	-5.45	3.95	-9.50	826.29	326.07	-909.70	-8.62	-149.46	17.33
21069	-4.24	3.95	-9.50	863.38	320.65	-864.39	-13.01	-134.77	16.22
21070	-3.03	3.95	-9.50	897.48	313.90	-821.63	-17.89	-121.55	15.69
21071	-1.82	3.95	-9.50	928.33	305.78	-780.56	-23.18	-109.59	15.62
21072	-0.61	3.95	-9.50	955.88	296.32	-740.67	-28.82	-98.84	15.88
21073	-18.53	5.08	-9.50	360.14	361.87	-1467.81	32.65	-679.79	151.39
21074	-17.33	5.08	-9.50	425.70	355.11	-1501.47	20.20	-612.39	140.33
21075	-16.14	5.08	-9.50	477.26	349.14	-1492.36	11.76	-530.81	123.64
21076	-14.94	5.08	-9.50	517.79	344.20	-1448.09	7.29	-449.91	105.18
21077	-13.75	5.07	-9.50	552.70	340.43	-1381.22	5.60	-378.79	87.86
21078	-12.55	5.07	-9.50	586.73	337.71	-1304.18	5.19	-320.61	73.17
21079	-11.36	5.07	-9.50	622.52	335.69	-1226.16	4.84	-274.63	61.45
21080	-10.16	5.07	-9.50	660.63	333.92	-1152.43	3.84	-238.52	52.44
21081	-8.97	5.07	-9.50	700.43	331.98	-1085.17	1.85	-209.78	45.72
21082	-7.77	5.06	-9.50	740.80	329.51	-1024.68	-1.20	-186.30	40.85
21083	-6.58	5.06	-9.50	780.58	326.21	-970.22	-5.25	-166.54	37.45
21084	-5.38	5.06	-9.50	818.77	321.91	-920.66	-10.17	-149.41	35.21
21085	-4.18	5.06	-9.50	854.60	316.46	-874.80	-15.84	-134.20	33.87
21086	-2.99	5.06	-9.50	887.55	309.81	-831.59	-22.13	-120.50	33.22
21087	-1.79	5.05	-9.50	917.32	301.93	-790.23	-28.93	-108.11	33.10

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
21088	-0.60	5.05	-9.50	943.84	292.83	-750.24	-36.15	-96.94	33.36
21089	-18.21	6.18	-9.50	366.00	356.82	-1461.61	41.21	-669.91	186.28
21090	-17.04	6.18	-9.50	428.78	351.68	-1494.80	26.70	-605.54	174.52
21091	-15.86	6.18	-9.50	478.87	346.85	-1488.02	16.58	-527.74	156.14
21092	-14.69	6.18	-9.50	518.82	342.44	-1447.90	10.87	-450.00	135.45
21093	-13.51	6.17	-9.50	553.32	338.60	-1385.60	8.33	-380.78	115.75
21094	-12.34	6.17	-9.50	586.64	335.38	-1312.46	7.35	-323.38	98.85
21095	-11.16	6.17	-9.50	621.26	332.64	-1237.19	6.56	-277.44	85.23
21096	-9.99	6.17	-9.50	657.83	330.10	-1165.06	5.09	-240.93	74.67
21097	-8.81	6.17	-9.50	695.87	327.45	-1098.46	2.55	-211.56	66.71
21098	-7.64	6.16	-9.50	734.40	324.39	-1037.97	-1.19	-187.40	60.88
21099	-6.46	6.16	-9.50	772.39	320.67	-983.13	-6.08	-166.95	56.77
21100	-5.29	6.16	-9.50	808.88	316.11	-933.02	-12.00	-149.19	54.00
21101	-4.11	6.16	-9.50	843.14	310.58	-886.60	-18.79	-133.41	52.28
21102	-2.94	6.16	-9.50	874.65	304.00	-842.92	-26.31	-119.19	51.39
21103	-1.76	6.15	-9.50	903.08	296.35	-801.25	-34.44	-106.32	51.13
21104	-0.59	6.15	-9.50	928.35	287.63	-761.13	-43.06	-94.69	51.31
21105	-17.83	7.26	-9.50	372.76	350.22	-1452.64	49.22	-657.44	220.40
21106	-16.68	7.26	-9.50	432.33	346.84	-1485.02	32.97	-596.46	208.28
21107	-15.53	7.26	-9.50	480.61	343.30	-1480.69	21.33	-523.04	188.80
21108	-14.38	7.26	-9.50	519.74	339.57	-1445.21	14.34	-448.96	166.41
21109	-13.23	7.26	-9.50	553.66	335.80	-1388.22	10.80	-382.06	144.83
21110	-12.08	7.26	-9.50	586.07	332.15	-1319.84	9.07	-325.80	126.07
21111	-10.93	7.26	-9.50	619.28	328.68	-1248.14	7.69	-280.13	110.69
21112	-9.78	7.26	-9.50	654.02	325.33	-1178.28	5.71	-243.33	98.55
21113	-8.63	7.26	-9.50	689.98	321.91	-1112.87	2.62	-213.39	89.24
21114	-7.48	7.26	-9.50	726.34	318.20	-1052.78	-1.75	-188.53	82.31
21115	-6.33	7.26	-9.50	762.18	313.98	-997.83	-7.38	-167.39	77.29
21116	-5.18	7.25	-9.50	796.65	309.10	-947.34	-14.16	-148.97	73.81
21117	-4.03	7.25	-9.50	829.05	303.41	-900.46	-21.91	-132.57	71.54
21118	-2.88	7.25	-9.50	858.85	296.86	-856.34	-30.48	-117.75	70.25
21119	-1.73	7.25	-9.50	885.72	289.39	-814.31	-39.73	-104.30	69.77
21120	-0.58	7.25	-9.50	909.51	280.99	-773.97	-49.52	-92.15	69.88
21121	-18.78	3.96	-10.50	445.94	447.77	-1399.45	29.06	-609.82	104.65
21122	-17.57	3.96	-10.50	526.41	447.37	-1414.17	18.96	-553.30	97.46
21123	-16.36	3.96	-10.50	595.24	446.80	-1398.34	10.99	-481.70	86.00
21124	-15.15	3.96	-10.50	653.18	446.07	-1356.80	5.37	-407.59	72.62
21125	-13.94	3.96	-10.50	703.32	445.16	-1297.97	1.67	-339.71	59.28
21126	-12.73	3.96	-10.50	749.13	443.99	-1230.72	-0.85	-282.34	47.24
21127	-11.51	3.96	-10.50	793.09	442.35	-1162.08	-2.93	-236.24	37.07
21128	-10.30	3.96	-10.50	836.39	440.02	-1096.42	-5.09	-200.23	28.87
21129	-9.09	3.96	-10.50	879.22	436.77	-1035.74	-7.61	-172.38	22.49
21130	-7.88	3.96	-10.50	921.25	432.41	-980.44	-10.62	-150.76	17.71
21131	-6.67	3.95	-10.50	961.99	426.82	-929.99	-14.17	-133.71	14.27
21132	-5.45	3.95	-10.50	1000.95	419.93	-883.50	-18.21	-119.98	11.92
21133	-4.24	3.95	-10.50	1037.80	411.71	-839.97	-22.72	-108.67	10.46
21134	-3.03	3.95	-10.50	1072.33	402.15	-798.54	-27.64	-99.16	9.71
21135	-1.82	3.95	-10.50	1104.48	391.29	-758.55	-32.96	-91.09	9.51
21136	-0.61	3.95	-10.50	1134.34	379.16	-719.58	-38.64	-84.23	9.73
21137	-18.53	5.08	-10.50	452.26	443.08	-1396.41	40.04	-603.32	136.19
21138	-17.33	5.08	-10.50	530.25	443.67	-1411.04	27.66	-548.74	128.51
21139	-16.14	5.08	-10.50	597.33	443.90	-1396.74	17.69	-479.83	115.50
21140	-14.94	5.08	-10.50	654.18	443.68	-1357.80	10.44	-408.21	99.96
21141	-13.75	5.07	-10.50	703.56	442.99	-1301.88	5.47	-342.09	84.25
21142	-12.55	5.07	-10.50	748.61	441.80	-1237.19	1.92	-285.63	69.93
21143	-11.36	5.07	-10.50	791.65	440.02	-1170.40	-1.07	-239.74	57.73
21144	-10.16	5.07	-10.50	833.87	437.51	-1105.83	-4.11	-203.47	47.83
21145	-8.97	5.07	-10.50	875.50	434.11	-1045.62	-7.59	-175.07	40.08
21146	-7.77	5.06	-10.50	916.29	429.67	-990.33	-11.67	-152.76	34.24
21147	-6.58	5.06	-10.50	955.79	424.08	-939.66	-16.41	-134.99	30.01
21148	-5.38	5.06	-10.50	993.55	417.29	-892.83	-21.78	-120.57	27.10
21149	-4.18	5.06	-10.50	1029.24	409.25	-848.97	-27.72	-108.60	25.27
21150	-2.99	5.06	-10.50	1062.63	399.98	-807.29	-34.19	-98.51	24.28
21151	-1.79	5.05	-10.50	1093.65	389.48	-767.17	-41.14	-89.91	23.95
21152	-0.60	5.05	-10.50	1122.37	377.82	-728.21	-48.53	-82.55	24.14
21153	-18.21	6.18	-10.50	459.98	436.35	-1390.79	50.39	-594.35	167.15
21154	-17.04	6.18	-10.50	534.81	438.05	-1405.15	36.00	-542.11	159.20
21155	-15.86	6.18	-10.50	599.64	439.20	-1392.54	24.19	-476.46	145.06
21156	-14.69	6.18	-10.50	655.04	439.59	-1356.68	15.36	-407.91	127.83
21157	-13.51	6.17	-10.50	703.35	439.20	-1304.32	9.07	-344.01	110.17
21158	-12.34	6.17	-10.50	747.38	438.02	-1242.85	4.41	-288.80	93.89
21159	-11.16	6.17	-10.50	789.24	436.07	-1178.52	0.46	-243.35	79.85
21160	-9.99	6.17	-10.50	830.07	433.33	-1115.52	-3.49	-206.91	68.31
21161	-8.81	6.17	-10.50	870.19	429.72	-1056.10	-7.91	-177.97	59.16
21162	-7.64	6.16	-10.50	909.41	425.15	-1001.07	-13.02	-154.94	52.17
21163	-6.46	6.16	-10.50	947.35	419.53	-950.29	-18.87	-136.38	47.03
21164	-5.29	6.16	-10.50	983.61	412.80	-903.21	-25.45	-121.18	43.43
21165	-4.11	6.16	-10.50	1017.84	404.95	-859.06	-32.70	-108.49	41.08
21166	-2.94	6.16	-10.50	1049.82	395.97	-817.13	-40.56	-97.72	39.73
21167	-1.76	6.15	-10.50	1079.46	385.88	-776.87	-48.98	-88.50	39.17
21168	-0.59	6.15	-10.50	1106.78	374.75	-737.91	-57.92	-80.57	39.22
21169	-17.83	7.26	-10.50	468.87	427.68	-1382.55	59.90	-583.08	197.37
21170	-16.68	7.26	-10.50	540.02	430.52	-1396.43	43.78	-533.44	189.36
21171	-15.53	7.26	-10.50	602.15	432.63	-1385.59	30.35	-471.53	174.55
21172	-14.38	7.26	-10.50	655.72	433.74	-1353.16	20.02	-406.48	156.13
21173	-13.23	7.26	-10.50	702.69	433.72	-1304.91	12.37	-345.20	137.06
21174	-12.08	7.26	-10.50	745.42	432.60	-1247.35	6.56	-291.63	119.27
21175	-10.93	7.26	-10.50	785.81	430.51	-1186.14	1.60	-246.90	103.66
21176	-9.78	7.26	-10.50	824.97	427.56	-1125.31	-3.29	-210.47	90.59
21177	-8.63	7.26	-10.50	863.27	423.74	-1067.20	-8.63	-181.08	80.07
21178	-7.48	7.26	-10.50	900.61	419.03	-1012.80	-14.68	-157.32	71.88
21179	-6.33	7.26	-10.50	936.69	413.37	-962.23	-21.54	-137.96	65.73
21180	-5.18	7.25	-10.50	971.14	406.72	-915.10	-29.21	-121.93	61.30
21181	-4.03	7.25	-10.50	1003.63	399.06	-870.81	-37.62	-108.45	58.27
21182	-2.88	7.25	-10.50	1033.94	390.37	-828.70	-46.72	-96.93	56.41
21183	-1.73	7.25	-10.50	1061.94	380.67	-788.27	-56.44	-86.98	55.49
21184	-0.58	7.25	-10.50	1087.64	370.03	-749.21	-66.71	-78.39	55.31
21185	-23.24	3.96	-9.50	0.32	411.88	-918.20	63.71	-176.15	11.54
21186	-22.38	3.96	-9.50	18.47	410.84	-962.83	67.43	-404.12	49.16

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
21187	-21.53	3.96	-9.50	73.02	399.92	-1085.05	63.28	-579.80	81.08
21188	-20.67	3.96	-9.50	157.95	387.92	-1233.68	52.92	-691.52	105.71
21189	-19.82	3.96	-9.50	262.77	375.72	-1377.47	37.80	-723.42	117.92
21190	-23.02	5.07	-9.50	8.63	408.48	-913.27	81.28	-174.69	4.94
21191	-22.15	5.07	-9.50	27.10	403.86	-963.25	84.73	-403.82	57.55
21192	-21.29	5.08	-9.50	81.74	392.93	-1084.90	80.74	-576.88	101.36
21193	-20.42	5.08	-9.50	166.35	381.46	-1232.88	68.56	-686.02	134.82
21194	-19.56	5.08	-9.50	269.81	370.66	-1375.38	50.03	-716.00	152.23
21195	-22.75	6.17	-9.50	19.22	403.64	-904.26	98.82	-170.98	1.17
21196	-21.87	6.18	-9.50	38.95	395.08	-962.06	102.27	-401.84	67.00
21197	-20.99	6.18	-9.50	93.19	383.48	-1083.40	97.67	-572.30	121.85
21198	-20.12	6.18	-9.50	176.89	372.75	-1230.36	83.48	-678.24	163.74
21199	-19.24	6.18	-9.50	278.49	363.70	-1371.06	61.62	-705.81	186.04
21200	-22.42	7.26	-9.50	30.70	397.06	-894.80	115.88	-168.22	-1.13
21201	-21.53	7.26	-9.50	52.52	384.33	-960.00	119.38	-399.32	77.60
21202	-20.64	7.26	-9.50	106.55	371.89	-1080.63	114.06	-566.35	142.65
21203	-19.75	7.26	-9.50	189.13	362.06	-1226.14	97.56	-668.38	192.38
21204	-18.86	7.26	-9.50	288.55	355.00	-1364.50	72.36	-692.99	219.13
21205	-23.24	3.96	-10.50	12.27	431.91	-1070.30	64.76	-151.18	9.84
21206	-22.38	3.96	-10.50	47.75	447.64	-1083.32	69.83	-349.89	42.84
21207	-21.53	3.96	-10.50	124.30	448.83	-1157.16	65.52	-508.50	71.41
21208	-20.67	3.96	-10.50	226.28	448.53	-1254.72	55.52	-607.48	93.39
21209	-19.82	3.96	-10.50	342.91	448.17	-1344.86	41.87	-637.34	104.88
21210	-23.02	5.07	-10.50	22.20	432.47	-1070.09	87.54	-150.75	2.78
21211	-22.15	5.07	-10.50	57.73	440.39	-1083.35	88.94	-351.12	49.63
21212	-21.29	5.08	-10.50	134.27	441.80	-1157.29	84.13	-506.60	88.96
21213	-20.42	5.08	-10.50	236.03	441.79	-1253.95	72.39	-602.83	118.76
21214	-19.56	5.08	-10.50	351.44	442.38	-1342.85	55.79	-630.77	135.02
21215	-22.75	6.17	-10.50	32.94	429.72	-1069.56	107.54	-148.14	-1.15
21216	-21.87	6.18	-10.50	70.52	432.26	-1081.61	108.30	-350.74	57.65
21217	-20.99	6.18	-10.50	147.08	432.21	-1155.81	102.18	-503.21	106.77
21218	-20.12	6.18	-10.50	248.10	432.66	-1251.34	88.48	-596.18	143.97
21219	-19.24	6.18	-10.50	361.92	434.41	-1338.62	68.89	-621.75	164.67
21220	-22.42	7.26	-10.50	44.09	425.12	-1067.48	125.60	-146.47	-3.51
21221	-21.53	7.26	-10.50	84.73	421.85	-1078.81	126.74	-349.97	67.01
21222	-20.64	7.26	-10.50	161.85	420.45	-1152.90	119.59	-498.61	124.96
21223	-19.75	7.26	-10.50	262.04	421.38	-1246.96	103.57	-587.72	168.98
21224	-18.86	7.26	-10.50	374.06	424.43	-1332.18	80.92	-610.45	193.71
21225	17.50	8.10	-9.50	1083.47	168.92	-481.56	-259.60	424.71	51.17
21226	17.23	8.70	-9.50	1031.30	173.51	-477.75	-275.22	405.39	61.17
21227	16.37	8.10	-9.50	1062.29	164.80	-507.93	-241.16	346.06	71.83
21228	16.11	8.70	-9.50	1018.27	170.33	-505.32	-253.70	332.08	82.91
21229	15.24	8.10	-9.50	1047.54	163.24	-523.00	-224.77	270.48	82.87
21230	15.00	8.70	-9.50	1009.15	168.78	-522.46	-235.59	261.25	93.47
21231	14.11	8.10	-9.50	1035.44	163.97	-529.79	-210.76	201.29	88.00
21232	13.89	8.70	-9.50	1001.19	169.35	-531.61	-220.50	194.79	98.57
21233	12.98	8.10	-9.50	1024.41	167.31	-531.78	-197.93	141.92	90.47
21234	12.78	8.70	-9.50	993.80	172.61	-535.79	-206.43	139.00	101.77
21235	11.85	8.10	-9.50	1014.38	172.48	-532.58	-185.62	93.40	91.41
21236	11.67	8.70	-9.50	986.56	176.91	-538.65	-193.33	92.74	102.54
21237	10.73	8.10	-9.50	1005.25	179.20	-535.11	-173.58	55.03	91.47
21238	10.56	8.70	-9.50	979.88	182.72	-542.82	-180.61	56.20	102.63
21239	9.60	8.10	-9.50	996.93	187.33	-541.32	-161.47	25.47	91.03
21240	9.45	8.70	-9.50	973.71	189.82	-550.23	-167.97	27.81	101.98
21241	8.47	8.10	-9.50	989.16	196.46	-552.27	-149.25	2.88	90.29
21242	8.34	8.70	-9.50	967.71	197.86	-561.98	-155.34	5.79	101.04
21243	7.34	8.10	-9.50	981.55	206.30	-568.27	-136.95	-14.43	89.44
21244	7.22	8.70	-9.50	961.60	206.66	-578.42	-142.65	-11.32	100.09
21245	6.21	8.10	-9.50	973.63	216.55	-589.14	-124.60	-28.03	88.58
21246	6.11	8.70	-9.50	954.97	215.92	-599.42	-129.94	-24.96	99.16
21247	5.08	8.10	-9.50	964.91	226.96	-614.37	-112.30	-39.26	87.73
21248	5.00	8.70	-9.50	947.36	225.42	-624.58	-117.25	-36.40	98.30
21249	3.95	8.10	-9.50	954.88	237.30	-643.33	-100.10	-49.25	86.94
21250	3.89	8.70	-9.50	938.32	234.95	-653.33	-104.67	-46.67	97.55
21251	2.82	8.10	-9.50	943.05	247.38	-675.37	-88.09	-58.82	86.25
21252	2.78	8.70	-9.50	927.40	244.31	-685.11	-92.26	-56.55	96.94
21253	1.69	8.10	-9.50	929.00	257.04	-709.94	-76.34	-68.58	85.71
21254	1.67	8.70	-9.50	914.23	253.38	-719.41	-80.11	-66.64	96.52
21255	0.56	8.10	-9.50	912.44	266.20	-746.71	-65.00	-78.88	85.29
21256	0.56	8.70	-9.50	898.55	261.92	-756.07	-68.33	-77.23	96.35
21257	17.50	8.10	-10.50	1269.73	199.31	-407.12	-321.92	403.65	43.65
21258	17.23	8.70	-10.50	1216.13	207.19	-404.97	-340.14	381.95	52.35
21259	16.37	8.10	-10.50	1259.76	201.96	-429.34	-301.41	324.31	65.54
21260	16.11	8.70	-10.50	1213.77	210.17	-428.85	-316.48	308.99	75.37
21261	15.24	8.10	-10.50	1253.99	207.00	-446.09	-281.53	250.76	77.53
21262	15.00	8.70	-10.50	1213.06	214.62	-447.45	-294.84	240.73	86.93
21263	14.11	8.10	-10.50	1248.48	213.95	-458.52	-263.08	184.57	83.00
21264	13.89	8.70	-10.50	1211.27	220.99	-461.70	-275.24	177.58	92.43
21265	12.98	8.10	-10.50	1241.55	222.92	-468.36	-245.38	128.11	85.08
21266	12.78	8.70	-10.50	1207.74	229.59	-473.14	-256.20	124.89	95.30
21267	11.85	8.10	-10.50	1233.20	232.99	-477.69	-228.29	81.94	85.00
21268	11.67	8.70	-10.50	1202.14	238.57	-484.01	-238.24	81.11	95.14
21269	10.73	8.10	-10.50	1223.56	243.95	-488.34	-211.88	45.41	83.65
21270	10.56	8.70	-10.50	1195.09	248.53	-495.88	-221.06	46.51	93.91
21271	9.60	8.10	-10.50	1212.92	255.74	-501.61	-195.94	17.39	81.67
21272	9.45	8.70	-10.50	1186.83	259.24	-510.03	-204.47	19.75	91.76
21273	8.47	8.10	-10.50	1201.46	268.06	-518.25	-180.45	-3.73	79.42
21274	8.34	8.70	-10.50	1177.43	270.45	-527.23	-188.46	-0.74	89.33
21275	7.34	8.10	-10.50	1189.24	280.72	-538.52	-165.39	-19.47	77.20
21276	7.22	8.70	-10.50	1167.04	282.06	-547.77	-172.90	-16.24	86.99
21277	6.21	8.10	-10.50	1176.23	293.54	-562.33	-150.76	-31.28	75.14
21278	6.11	8.70	-10.50	1155.66	293.89	-571.61	-157.79	-28.07	84.85
21279	5.08	8.10	-10.50	1162.29	306.35	-589.37	-136.56	-40.42	73.30
21280	5.00	8.70	-10.50	1143.19	305.77	-598.51	-143.11	-37.42	82.97
21281	3.95	8.10	-10.50	1147.23	318.97	-619.21	-122.83	-47.99	71.72
21282	3.89	8.70	-10.50	1129.45	317.55	-628.09	-128.90	-45.29	81.39
21283	2.82	8.10	-10.50	1130.78	331.26	-651.40	-109.58	-54.82	70.44
21284	2.78	8.70	-10.50	1114.22	329.08	-659.98	-115.16	-52.48	80.16
21285	1.69	8.10	-10.50	1112.70	343.09	-685.57	-96.83	-61.58	69.50



Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
21286	1.67	8.70	-10.50	1097.26	340.23	-693.84	-101.91	-59.61	79.33
21287	0.56	8.10	-10.50	1092.75	354.41	-721.54	-84.66	-68.73	68.94
21288	0.56	8.70	-10.50	1078.37	350.90	-729.62	-89.27	-67.16	78.99
21289	22.14	8.10	-9.50	2839.11	853.64	1208.21	-79.33	610.29	-330.24
21290	21.91	8.70	-9.50	2801.85	888.49	1225.26	-694.80	808.96	-774.67
21291	21.23	8.10	-9.50	1988.13	387.96	224.98	-241.88	533.53	-379.20
21292	20.99	8.70	-9.50	1818.03	291.15	150.83	-410.96	575.16	-389.95
21293	20.33	8.10	-9.50	1483.39	232.91	-178.74	-319.06	636.07	-189.85
21294	20.07	8.70	-9.50	1351.12	230.17	-178.63	-400.18	632.43	-205.58
21295	19.42	8.10	-9.50	1238.51	201.35	-327.27	-312.95	599.05	-75.87
21296	19.16	8.70	-9.50	1149.69	200.96	-324.22	-349.48	580.17	-72.70
21297	18.52	8.10	-9.50	1129.47	179.32	-427.26	-284.93	513.93	8.00
21298	18.24	8.70	-9.50	1064.80	182.69	-422.54	-307.17	492.86	15.76
21299	22.14	8.10	-10.50	4088.49	1047.94	1429.96	-235.39	998.40	-538.02
21300	21.91	8.70	-10.50	3501.10	1004.95	1342.68	-1031.24	1089.40	-914.03
21301	21.23	8.10	-10.50	2237.63	349.14	-28.14	-352.79	809.76	-358.26
21302	20.99	8.70	-10.50	1986.89	297.56	-31.19	-494.52	806.21	-375.75
21303	20.33	8.10	-10.50	1623.33	249.38	-194.74	-387.63	720.01	-197.03
21304	20.07	8.70	-10.50	1476.57	252.41	-186.41	-468.54	690.16	-223.89
21305	19.42	8.10	-10.50	1390.93	216.34	-304.06	-374.69	611.97	-86.17
21306	19.16	8.70	-10.50	1297.56	220.88	-297.09	-413.24	583.73	-84.22
21307	18.52	8.10	-10.50	1300.27	202.03	-368.97	-347.78	501.51	-0.53
21308	18.24	8.70	-10.50	1233.79	209.58	-364.08	-372.53	475.75	5.35
21309	-17.23	8.70	-9.50	383.30	338.93	-1436.24	59.01	-636.09	265.48
21310	-17.50	8.10	-9.50	378.58	344.04	-1443.87	55.17	-645.89	246.82
21311	-16.11	8.70	-9.50	437.84	338.02	-1467.09	41.09	-580.72	253.86
21312	-16.37	8.10	-9.50	435.39	342.04	-1475.43	37.81	-587.85	234.88
21313	-15.00	8.70	-9.50	483.08	336.39	-1466.13	27.54	-514.16	233.17
21314	-15.24	8.10	-9.50	482.04	339.57	-1473.04	25.05	-518.26	214.80
21315	-13.89	8.70	-9.50	521.07	333.80	-1437.33	18.76	-444.89	209.13
21316	-14.11	8.10	-9.50	520.41	336.48	-1441.41	17.02	-447.20	191.36
21317	-12.78	8.70	-9.50	553.82	330.36	-1388.44	13.84	-382.01	186.33
21318	-12.98	8.10	-9.50	553.77	332.86	-1388.95	12.61	-382.37	168.75
21319	-11.67	8.70	-9.50	584.50	326.48	-1327.83	10.92	-328.18	165.57
21320	-11.85	8.10	-9.50	585.31	328.96	-1324.80	10.21	-327.34	148.80
21321	-10.56	8.70	-9.50	615.45	322.40	-1262.55	8.47	-283.54	147.80
21322	-10.73	8.10	-9.50	617.25	325.03	-1256.46	8.27	-282.12	132.06
21323	-9.45	8.70	-9.50	647.34	318.17	-1197.39	5.65	-246.71	133.22
21324	-9.60	8.10	-9.50	650.41	321.10	-1188.92	5.81	-245.24	118.59
21325	-8.34	8.70	-9.50	680.04	313.92	-1135.06	1.78	-216.23	121.70
21326	-8.47	8.10	-9.50	684.56	317.10	-1124.91	2.29	-214.91	108.09
21327	-7.22	8.70	-9.50	713.00	309.47	-1076.81	-3.39	-190.63	112.74
21328	-7.34	8.10	-9.50	719.03	312.90	-1065.50	-2.55	-189.56	100.11
21329	-6.11	8.70	-9.50	745.47	304.69	-1022.85	-9.90	-168.67	105.92
21330	-6.21	8.10	-9.50	753.00	308.29	-1010.77	-8.71	-167.91	94.19
21331	-5.00	8.70	-9.50	776.76	299.43	-972.75	-17.65	-149.44	100.87
21332	-5.08	8.10	-9.50	785.70	303.15	-960.22	-16.07	-148.99	89.94
21333	-3.89	8.70	-9.50	806.26	293.55	-925.78	-26.48	-132.20	97.30
21334	-3.95	8.10	-9.50	816.48	297.33	-913.14	-24.47	-132.10	87.03
21335	-2.78	8.70	-9.50	833.54	286.92	-881.10	-36.21	-116.41	95.12
21336	-2.82	8.10	-9.50	844.83	290.75	-868.73	-33.74	-116.77	85.29
21337	-1.67	8.70	-9.50	858.23	279.41	-837.84	-46.64	-101.69	94.42
21338	-1.69	8.10	-9.50	870.38	283.35	-826.32	-43.71	-102.72	84.62
21339	-0.56	8.70	-9.50	880.12	270.74	-795.71	-57.53	-88.19	95.39
21340	-0.56	8.10	-9.50	892.96	275.04	-785.58	-54.21	-90.07	84.82
21341	-17.23	8.70	-10.50	482.69	412.98	-1367.39	71.16	-563.80	237.26
21342	-17.50	8.10	-10.50	476.52	419.57	-1374.47	66.78	-572.66	220.73
21343	-16.11	8.70	-10.50	547.98	417.31	-1380.31	53.38	-518.52	230.02
21344	-16.37	8.10	-10.50	544.47	423.25	-1387.83	49.54	-525.28	213.07
21345	-15.00	8.70	-10.50	605.64	420.80	-1371.92	37.97	-462.43	214.48
21346	-15.24	8.10	-10.50	604.19	426.13	-1378.40	34.97	-466.62	197.95
21347	-13.89	8.70	-10.50	656.73	422.96	-1344.39	25.67	-401.84	195.01
21348	-14.11	8.10	-10.50	656.16	427.86	-1348.81	23.49	-404.41	178.84
21349	-12.78	8.70	-10.50	701.40	423.49	-1302.35	16.44	-344.83	175.44
21350	-12.98	8.10	-10.50	701.94	428.18	-1304.06	14.78	-345.39	159.11
21351	-11.67	8.70	-10.50	741.73	422.64	-1251.06	9.14	-294.23	156.45
21352	-11.85	8.10	-10.50	743.44	427.14	-1249.95	8.08	-293.42	140.49
21353	-10.56	8.70	-10.50	779.76	420.68	-1195.27	2.71	-251.10	139.32
21354	-10.73	8.10	-10.50	782.49	425.04	-1191.65	2.29	-249.51	123.84
21355	-9.45	8.70	-10.50	816.27	417.64	-1138.63	-3.38	-215.06	124.59
21356	-9.60	8.10	-10.50	820.18	421.98	-1132.98	-3.34	-213.24	109.67
21357	-8.34	8.70	-10.50	851.72	413.83	-1083.44	-9.86	-185.27	112.49
21358	-8.47	8.10	-10.50	856.88	418.07	-1076.31	-9.36	-183.57	98.09
21359	-7.22	8.70	-10.50	886.13	409.20	-1030.98	-17.04	-160.72	102.87
21360	-7.34	8.10	-10.50	892.58	413.32	-1022.79	-16.11	-159.31	88.95
21361	-6.11	8.70	-10.50	919.28	403.75	-981.64	-25.05	-140.38	95.43
21362	-6.21	8.10	-10.50	927.03	407.69	-972.70	-23.68	-139.34	81.96
21363	-5.00	8.70	-10.50	950.88	397.43	-935.26	-33.92	-123.33	89.81
21364	-5.08	8.10	-10.50	959.89	401.15	-925.81	-32.10	-122.69	76.78
21365	-3.89	8.70	-10.50	980.64	390.19	-891.35	-43.65	-108.83	85.65
21366	-3.95	8.10	-10.50	990.86	393.68	-881.58	-41.31	-108.59	73.11
21367	-2.78	8.70	-10.50	1008.34	381.95	-849.27	-54.19	-96.26	82.66
21368	-2.82	8.10	-10.50	1019.71	385.24	-839.40	-51.27	-96.44	70.69
21369	-1.67	8.70	-10.50	1033.80	372.57	-808.31	-65.52	-85.23	80.61
21370	-1.69	8.10	-10.50	1046.31	375.79	-798.73	-61.92	-85.86	69.33
21371	-0.56	8.70	-10.50	1057.19	361.83	-768.01	-77.45	-75.51	79.38
21372	-0.56	8.10	-10.50	1070.67	365.38	-759.34	-73.10	-76.68	68.83
21373	-22.14	8.10	-9.50	40.23	390.49	-888.72	127.83	-167.22	-1.93
21374	-21.23	8.10	-9.50	63.90	374.62	-957.83	132.36	-397.11	85.89
21375	-20.33	8.10	-9.50	117.77	361.71	-1077.65	126.40	-560.93	158.73
21376	-19.42	8.10	-9.50	199.59	352.68	-1221.74	107.93	-659.39	214.28
21377	-18.52	8.10	-9.50	297.22	347.19	-1357.97	80.21	-681.30	244.49
21378	-21.91	8.70	-9.50	48.54	384.28	-886.08	135.66	-167.00	-2.89
21379	-20.99	8.70	-9.50	72.08	366.52	-955.79	141.77	-395.45	92.68
21380	-20.07	8.70	-9.50	126.27	353.74	-1074.93	134.77	-556.47	170.55
21381	-19.16	8.70	-9.50	207.67	345.14	-1217.79	114.87	-652.00	230.23
21382	-18.24	8.70	-9.50	303.94	340.86	-1352.25	85.28	-671.65	262.56
21383	-22.14	8.10	-10.50	53.06	419.40	-1065.05	137.40	-145.92	-3.89
21384	-21.23	8.10	-10.50	96.54	411.99	-1075.93	140.56	-348.82	74.18

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
21385	-20.33	8.10	-10.50	174.05	410.02	-1149.57	132.64	-494.16	138.99
21386	-19.42	8.10	-10.50	273.84	411.34	-1242.31	114.63	-579.95	188.10
21387	-18.52	8.10	-10.50	384.46	415.36	-1325.74	89.61	-600.15	215.98
21388	-21.91	8.70	-10.50	61.09	412.23	-1063.00	144.93	-145.67	-4.78
21389	-20.99	8.70	-10.50	104.94	403.82	-1073.40	150.62	-347.44	80.03
21390	-20.07	8.70	-10.50	183.14	401.81	-1146.36	141.48	-490.28	149.31
21391	-19.16	8.70	-10.50	282.86	403.29	-1238.08	122.03	-573.51	202.08
21392	-18.24	8.70	-10.50	392.53	408.06	-1320.09	95.21	-591.67	231.88
21393	0.70	20.20	-9.50	528.85	107.75	-793.35	-74.67	-88.27	443.37
21394	2.10	20.10	-9.50	529.50	110.01	-748.84	-95.21	-57.23	427.84
21395	3.49	19.90	-9.50	529.27	114.37	-705.05	-115.43	-27.34	410.72
21396	4.86	19.62	-9.50	528.73	120.55	-662.52	-135.14	1.71	392.29
21397	6.20	19.23	-9.50	528.47	128.25	-621.76	-154.22	30.29	372.70
21398	7.52	18.76	-9.50	529.12	137.22	-583.26	-172.68	58.84	351.92
21399	8.80	18.19	-9.50	531.45	147.20	-547.49	-190.64	87.93	329.75
21400	10.04	17.54	-9.50	536.41	157.91	-514.91	-208.32	118.15	305.81
21401	11.23	16.80	-9.50	545.28	169.01	-485.97	-226.07	150.12	279.62
21402	12.37	15.98	-9.50	559.71	180.06	-461.13	-244.38	184.40	250.67
21403	13.44	15.08	-9.50	582.08	190.92	-440.77	-263.43	221.86	219.04
21404	14.46	14.11	-9.50	616.45	200.09	-425.25	-283.31	263.57	183.37
21405	15.40	13.08	-9.50	667.85	206.28	-414.78	-303.68	309.28	144.80
21406	16.27	11.98	-9.50	741.46	207.34	-409.69	-322.60	358.58	103.56
21407	17.06	10.82	-9.50	840.73	201.46	-410.26	-333.56	409.28	64.89
21408	17.76	9.62	-9.50	964.45	190.10	-416.22	-327.65	459.23	33.01
21409	0.74	21.03	-9.50	482.37	57.34	-693.62	-66.62	-103.23	419.78
21410	2.22	20.93	-9.50	479.76	62.66	-650.63	-90.02	-71.82	405.39
21411	3.69	20.72	-9.50	475.79	70.66	-608.13	-112.78	-40.60	389.14
21412	5.14	20.41	-9.50	471.16	80.74	-566.77	-134.62	-9.33	371.38
21413	6.57	19.99	-9.50	466.47	92.55	-527.05	-155.37	22.28	352.08
21414	7.96	19.48	-9.50	462.31	105.85	-489.39	-175.08	54.65	330.96
21415	9.32	18.87	-9.50	459.42	120.44	-454.20	-193.99	88.34	307.52
21416	10.62	18.17	-9.50	458.74	136.11	-421.93	-212.51	123.98	281.13
21417	11.88	17.37	-9.50	461.60	152.68	-393.09	-231.26	162.17	250.99
21418	13.07	16.49	-9.50	469.92	170.02	-368.20	-251.03	203.61	216.29
21419	14.20	15.53	-9.50	486.83	187.79	-347.74	-272.84	249.13	176.04
21420	15.26	14.48	-9.50	517.50	205.21	-332.10	-298.13	299.45	129.79
21421	16.24	13.37	-9.50	571.13	220.48	-321.34	-328.41	355.24	78.04
21422	17.14	12.19	-9.50	661.04	229.21	-315.47	-361.84	416.48	24.13
21423	17.95	10.95	-9.50	801.89	226.14	-314.61	-388.43	481.17	-24.98
21424	18.68	9.66	-9.50	994.77	210.44	-319.43	-384.79	542.64	-59.34
21425	0.78	21.87	-9.50	437.24	18.74	-595.74	-55.07	-123.08	351.88
21426	2.35	21.76	-9.50	431.43	25.99	-553.92	-80.14	-94.19	341.30
21427	3.90	21.54	-9.50	423.83	36.39	-512.36	-104.54	-63.53	328.58
21428	5.43	21.20	-9.50	415.36	49.11	-472.14	-127.66	-31.35	314.11
21429	6.94	20.76	-9.50	406.45	63.79	-433.56	-149.18	2.28	297.47
21430	8.41	20.20	-9.50	397.49	80.24	-396.80	-169.16	37.74	277.92
21431	9.83	19.55	-9.50	389.11	98.29	-362.11	-187.94	75.55	254.57
21432	11.20	18.79	-9.50	382.17	117.86	-329.93	-206.01	116.20	226.40
21433	12.52	17.94	-9.50	377.87	138.98	-300.78	-224.12	160.17	192.18
21434	13.77	17.00	-9.50	378.08	161.80	-275.22	-243.37	207.98	150.53
21435	14.95	15.97	-9.50	385.90	186.63	-253.68	-265.57	260.28	100.03
21436	16.06	14.85	-9.50	407.11	213.84	-236.11	-293.70	317.92	39.66
21437	17.08	13.67	-9.50	451.77	243.27	-221.65	-332.71	382.14	-30.08
21438	18.01	12.41	-9.50	550.50	272.09	-206.78	-390.66	453.90	-104.60
21439	18.85	11.08	-9.50	750.21	277.43	-190.74	-453.96	531.21	-170.98
21440	19.60	9.70	-9.50	1077.79	249.16	-181.16	-467.02	598.85	-205.01
21441	0.83	22.71	-9.50	393.39	-1.28	-517.63	-40.15	-148.16	247.20
21442	2.47	22.59	-9.50	384.54	5.90	-475.27	-65.56	-124.04	243.28
21443	4.11	22.35	-9.50	373.76	16.60	-433.05	-90.27	-95.14	236.78
21444	5.72	21.99	-9.50	362.10	30.01	-393.00	-113.42	-62.80	227.92
21445	7.30	21.52	-9.50	349.54	45.69	-354.92	-134.52	-27.60	215.76
21446	8.85	20.93	-9.50	336.23	63.47	-318.48	-153.63	10.75	198.99
21447	10.35	20.23	-9.50	322.68	83.21	-283.77	-171.03	52.66	176.24
21448	11.79	19.42	-9.50	309.60	104.87	-251.19	-187.13	98.37	146.02
21449	13.17	18.52	-9.50	297.95	128.61	-221.28	-202.63	148.01	106.59
21450	14.48	17.51	-9.50	289.19	154.92	-194.57	-218.65	201.67	55.97
21451	15.71	16.41	-9.50	285.78	184.95	-171.19	-237.20	259.56	-8.01
21452	16.86	15.22	-9.50	291.59	220.76	-150.03	-262.00	322.14	-87.27
21453	17.92	13.96	-9.50	317.14	266.21	-126.60	-299.75	390.21	-182.16
21454	18.89	12.62	-9.50	375.03	327.14	-93.34	-367.23	464.86	-288.44
21455	19.75	11.21	-9.50	633.53	403.48	-24.74	-523.72	552.37	-388.54
21456	20.51	9.75	-9.50	1274.31	322.34	64.52	-615.12	598.01	-424.61
21457	0.87	23.55	-9.50	349.88	-3.16	-468.74	-22.42	-178.54	101.32
21458	2.60	23.42	-9.50	338.84	2.07	-424.44	-47.15	-161.24	108.01
21459	4.32	23.17	-9.50	325.74	10.98	-380.03	-70.66	-135.84	111.42
21460	6.01	22.78	-9.50	311.59	23.01	-338.65	-92.32	-104.48	110.82
21461	7.67	22.28	-9.50	296.04	37.73	-299.80	-111.79	-68.33	104.89
21462	9.29	21.65	-9.50	279.05	54.90	-262.62	-128.94	-27.32	91.91
21463	10.86	20.91	-9.50	261.06	74.31	-227.05	-143.81	18.70	70.00
21464	12.37	20.05	-9.50	242.61	95.85	-193.50	-156.55	69.51	37.07
21465	13.81	19.09	-9.50	224.41	119.63	-162.57	-167.53	124.68	-9.21
21466	15.18	18.02	-9.50	207.42	146.25	-134.74	-177.48	183.50	-71.51
21467	16.47	16.85	-9.50	192.88	177.14	-109.72	-187.82	245.11	-152.81
21468	17.66	15.59	-9.50	183.04	215.46	-84.47	-200.60	308.40	-256.03
21469	18.76	14.25	-9.50	178.00	266.47	-50.00	-220.32	370.95	-382.61
21470	19.76	12.83	-9.50	200.84	344.30	20.42	-250.40	432.02	-528.90
21471	20.65	11.34	-9.50	201.84	489.37	171.21	-337.71	491.86	-699.01
21472	21.43	9.79	-9.50	1433.94	903.14	743.93	-956.37	682.34	-976.37
21473	0.70	20.20	-10.50	668.22	146.99	-773.06	-100.46	-81.78	391.79
21474	2.10	20.10	-10.50	671.66	150.03	-728.96	-125.63	-54.74	378.60
21475	3.49	19.90	-10.50	674.24	155.55	-685.32	-150.58	-28.66	364.03
21476	4.86	19.62	-10.50	676.47	163.18	-642.57	-175.09	-3.26	348.30
21477	6.20	19.23	-10.50	678.88	172.60	-601.15	-199.03	21.81	331.50
21478	7.52	18.76	-10.50	682.09	183.49	-561.47	-222.34	46.99	313.55
21479	8.80	18.19	-10.50	686.82	195.49	-523.96	-245.08	72.78	294.25
21480	10.04	17.54	-10.50	694.01	208.16	-489.01	-267.38	99.76	273.23
21481	11.23	16.80	-10.50	704.91	220.93	-457.03	-289.43	128.55	249.99
21482	12.37	15.98	-10.50	721.16	233.07	-428.48	-311.58	159.76	224.01
21483	13.44	15.08	-10.50	745.10	244.15	-403.80	-333.75	194.36	195.30

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
21484	14.46	14.11	-10.50	780.77	252.33	-383.56	-355.83	233.63	162.41
21485	15.40	13.08	-10.50	833.15	256.08	-368.23	-377.29	277.76	126.37
21486	16.27	11.98	-10.50	907.36	253.09	-358.51	-396.00	327.03	87.30
21487	17.06	10.82	-10.50	1007.06	241.54	-355.21	-405.28	380.16	50.50
21488	17.76	9.62	-10.50	1131.83	222.98	-358.65	-396.25	435.92	20.59
21489	0.74	21.03	-10.50	610.81	90.48	-702.96	-89.07	-95.99	370.45
21490	2.22	20.93	-10.50	611.54	96.76	-658.68	-117.49	-68.49	358.30
21491	3.69	20.72	-10.50	610.73	106.13	-614.67	-145.56	-41.08	344.56
21492	5.14	20.41	-10.50	609.03	117.96	-571.43	-172.88	-13.52	329.47
21493	6.57	19.99	-10.50	606.94	131.93	-529.47	-199.19	14.43	312.96
21494	7.96	19.48	-10.50	604.98	147.76	-489.16	-224.45	43.20	294.70
21495	9.32	18.87	-10.50	603.85	165.15	-450.87	-248.79	73.32	274.22
21496	10.62	18.17	-10.50	604.49	183.66	-415.02	-272.48	105.37	250.87
21497	11.88	17.37	-10.50	608.21	202.82	-382.08	-295.93	139.99	223.86
21498	13.07	16.49	-10.50	616.90	222.10	-352.58	-319.71	177.93	192.33
21499	14.20	15.53	-10.50	633.69	240.68	-327.06	-344.56	220.17	155.20
21500	15.26	14.48	-10.50	663.65	257.26	-306.12	-371.59	267.78	111.81
21501	16.24	13.37	-10.50	715.88	269.65	-290.34	-402.05	322.19	62.26
21502	17.14	12.19	-10.50	803.84	273.38	-280.70	-434.06	384.86	9.51
21503	17.95	10.95	-10.50	943.28	263.37	-278.77	-458.13	456.33	-39.44
21504	18.68	9.66	-10.50	1138.39	238.57	-287.16	-451.56	532.32	-73.14
21505	0.78	21.87	-10.50	554.46	41.79	-633.26	-72.95	-114.74	312.27
21506	2.35	21.76	-10.50	552.25	50.55	-588.00	-103.64	-89.30	302.88
21507	3.90	21.54	-10.50	548.00	62.96	-543.03	-134.33	-61.93	291.84
21508	5.43	21.20	-10.50	542.43	78.03	-499.28	-163.89	-33.18	279.53
21509	6.94	20.76	-10.50	535.69	95.65	-456.93	-191.84	-3.10	265.29
21510	8.41	20.20	-10.50	528.08	115.64	-416.09	-218.16	28.73	248.32
21511	9.83	19.55	-10.50	520.22	137.73	-377.02	-243.01	62.83	227.74
21512	11.20	18.79	-10.50	512.97	161.55	-340.14	-266.67	99.70	202.54
21513	12.52	17.94	-10.50	507.52	186.73	-305.96	-289.61	139.85	171.52
21514	13.77	17.00	-10.50	505.75	212.90	-275.01	-312.62	183.87	133.24
21515	14.95	15.97	-10.50	510.72	239.65	-247.80	-337.12	232.55	86.14
21516	16.06	14.85	-10.50	528.21	266.56	-224.62	-365.69	287.09	28.84
21517	17.08	13.67	-10.50	568.10	292.86	-205.70	-402.91	349.48	-38.87
21518	18.01	12.41	-10.50	661.58	316.05	-189.69	-457.35	423.88	-114.04
21519	18.85	11.08	-10.50	858.01	314.24	-179.20	-517.43	515.04	-184.58
21520	19.60	9.70	-10.50	1190.68	277.17	-179.79	-530.77	618.92	-224.15
21521	0.83	22.71	-10.50	498.97	9.06	-582.69	-52.36	-138.93	221.11
21522	2.47	22.59	-10.50	493.55	17.98	-533.42	-84.09	-117.80	216.80
21523	4.11	22.35	-10.50	486.08	31.38	-485.19	-116.35	-91.08	210.67
21524	5.72	21.99	-10.50	477.17	48.00	-439.97	-147.11	-61.51	203.21
21525	7.30	21.52	-10.50	466.03	67.70	-396.73	-175.61	-29.62	192.88
21526	8.85	20.93	-10.50	452.73	90.43	-354.92	-201.85	5.19	178.24
21527	10.35	20.23	-10.50	437.86	115.87	-314.67	-225.86	43.39	157.99
21528	11.79	19.42	-10.50	422.11	143.64	-276.40	-247.72	85.26	130.65
21529	13.17	18.52	-10.50	406.48	173.42	-240.63	-267.74	130.97	94.53
21530	14.48	17.51	-10.50	392.45	204.98	-207.89	-286.63	180.70	47.58
21531	15.71	16.41	-10.50	382.57	238.47	-178.41	-305.90	234.75	-12.47
21532	16.86	15.22	-10.50	380.69	274.78	-151.85	-328.81	293.67	-87.86
21533	17.92	13.96	-10.50	398.15	317.09	-125.38	-362.06	358.68	-179.55
21534	18.89	12.62	-10.50	446.69	370.88	-96.76	-422.32	432.42	-285.88
21535	19.75	11.21	-10.50	695.96	445.80	-38.48	-576.66	543.38	-399.88
21536	20.51	9.75	-10.50	1380.22	353.41	-21.23	-690.21	704.12	-450.59
21537	0.87	23.55	-10.50	442.31	-0.17	-572.29	-28.50	-168.54	91.15
21538	2.60	23.42	-10.50	434.67	6.24	-516.60	-60.06	-153.66	96.92
21539	4.32	23.17	-10.50	424.89	17.74	-462.39	-91.55	-129.01	99.74
21540	6.01	22.78	-10.50	413.27	33.44	-413.61	-121.36	-99.37	99.45
21541	7.67	22.28	-10.50	398.32	53.02	-367.90	-148.81	-66.00	94.42
21542	9.29	21.65	-10.50	379.89	76.26	-323.80	-173.48	-28.20	82.82
21543	10.86	20.91	-10.50	358.56	102.78	-281.36	-195.05	14.37	62.86
21544	12.37	20.05	-10.50	334.88	132.06	-241.03	-213.18	61.56	32.51
21545	13.81	19.09	-10.50	309.60	163.62	-203.42	-227.71	113.02	-10.52
21546	15.18	18.02	-10.50	283.82	197.12	-169.07	-238.84	168.19	-68.92
21547	16.47	16.85	-10.50	259.01	232.70	-138.04	-247.41	226.28	-145.68
21548	17.66	15.59	-10.50	238.08	271.98	-108.60	-255.12	285.89	-243.69
21549	18.76	14.25	-10.50	220.83	319.44	-75.82	-266.94	344.79	-363.66
21550	19.76	12.83	-10.50	239.66	389.75	-17.03	-289.53	399.12	-503.05
21551	20.65	11.34	-10.50	199.53	529.62	98.70	-358.13	453.37	-653.06
21552	21.43	9.79	-10.50	1602.96	962.59	747.62	-1039.81	800.49	-940.23
21553	11.69	9.49	-9.50	951.03	180.77	-545.34	-204.34	101.76	116.63
21554	12.72	9.44	-9.50	956.78	177.46	-539.67	-216.92	144.41	115.06
21555	13.76	9.39	-9.50	962.52	175.00	-532.60	-230.53	194.01	111.09
21556	11.91	10.47	-9.50	902.36	186.01	-550.99	-218.67	122.29	137.32
21557	12.81	10.33	-9.50	908.84	183.85	-541.97	-229.75	159.11	133.74
21558	13.70	10.18	-9.50	915.90	182.42	-531.96	-241.56	199.51	128.31
21559	12.11	11.46	-9.50	848.48	191.50	-552.19	-230.45	142.51	160.04
21560	12.88	11.21	-9.50	857.21	189.55	-541.06	-239.97	172.09	152.54
21561	13.63	10.96	-9.50	867.41	189.14	-529.63	-249.15	206.93	146.16
21562	0.57	9.89	-9.50	867.48	253.77	-777.41	-74.28	-74.42	121.35
21563	1.70	9.88	-9.50	882.29	245.87	-738.76	-87.33	-62.74	120.57
21564	2.84	9.86	-9.50	894.73	237.67	-702.96	-100.63	-51.61	120.12
21565	3.96	9.83	-9.50	904.98	229.38	-670.01	-114.05	-40.76	119.92
21566	5.08	9.80	-9.50	913.44	221.14	-640.31	-127.45	-29.55	119.89
21567	6.20	9.76	-9.50	920.56	213.08	-614.30	-140.75	-17.17	119.98
21568	7.31	9.71	-9.50	926.83	205.36	-592.40	-153.87	-2.62	120.15
21569	8.42	9.66	-9.50	932.71	198.16	-574.83	-166.76	15.30	120.32
21570	9.52	9.60	-9.50	938.61	191.63	-561.53	-179.41	37.93	120.42
21571	10.62	9.54	-9.50	944.83	185.97	-551.97	-191.88	66.62	120.47
21572	0.60	11.68	-9.50	816.84	241.37	-814.94	-80.91	-69.45	161.45
21573	1.80	11.64	-9.50	830.51	234.22	-772.06	-95.88	-55.54	159.07
21574	2.99	11.58	-9.50	841.97	227.27	-732.77	-110.83	-42.25	157.09
21575	4.16	11.50	-9.50	851.41	220.63	-696.78	-125.66	-29.36	155.36
21576	5.32	11.40	-9.50	859.31	214.34	-664.41	-140.23	-16.17	153.81
21577	6.47	11.28	-9.50	866.19	208.47	-635.93	-154.41	-1.83	152.31
21578	7.60	11.15	-9.50	872.62	203.05	-611.55	-168.16	14.66	150.76
21579	8.72	10.99	-9.50	879.16	198.12	-591.25	-181.43	34.47	149.00
21580	9.83	10.82	-9.50	886.31	193.69	-574.74	-194.28	58.80	146.85
21581	10.92	10.63	-9.50	894.51	189.76	-561.36	-206.81	88.78	143.99
21582	0.63	13.48	-9.50	760.32	230.66	-858.49	-84.72	-65.98	211.93

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
21583	1.88	13.42	-9.50	772.41	224.27	-811.64	-100.84	-49.04	207.07
21584	3.11	13.32	-9.50	782.52	218.54	-768.42	-116.91	-32.95	202.79
21585	4.33	13.19	-9.50	790.92	213.50	-728.55	-132.78	-17.43	198.83
21586	5.53	13.03	-9.50	798.14	209.11	-692.28	-148.29	-1.75	195.02
21587	6.70	12.83	-9.50	804.76	205.30	-659.80	-163.33	14.92	191.18
21588	7.86	12.61	-9.50	811.38	201.99	-631.19	-177.86	33.54	187.10
21589	8.99	12.35	-9.50	818.64	199.09	-606.35	-191.89	55.18	182.47
21590	10.11	12.06	-9.50	827.14	196.50	-584.97	-205.49	80.88	176.93
21591	11.19	11.74	-9.50	837.50	194.11	-566.50	-218.78	111.63	170.21
21592	0.65	15.28	-9.50	700.81	219.12	-896.84	-85.85	-65.13	276.14
21593	1.95	15.20	-9.50	710.61	213.67	-847.06	-102.56	-44.25	268.05
21594	3.22	15.07	-9.50	718.84	209.18	-800.19	-119.28	-24.60	260.37
21595	4.47	14.90	-9.50	725.81	205.64	-756.19	-135.85	-5.81	252.90
21596	5.71	14.67	-9.50	732.05	202.96	-715.40	-152.12	12.83	245.46
21597	6.91	14.40	-9.50	738.14	201.00	-678.05	-168.00	32.10	237.82
21598	8.09	14.08	-9.50	744.72	199.62	-644.27	-183.45	52.88	229.66
21599	9.24	13.72	-9.50	752.48	198.63	-614.08	-198.51	76.06	220.59
21600	10.36	13.31	-9.50	762.15	197.85	-587.34	-213.21	102.58	210.12
21601	11.45	12.86	-9.50	774.53	197.19	-563.77	-227.64	133.26	197.70
21602	0.67	17.07	-9.50	640.95	198.68	-908.91	-84.55	-68.02	350.54
21603	1.99	16.99	-9.50	647.80	194.77	-858.52	-101.82	-42.82	338.71
21604	3.30	16.84	-9.50	653.57	192.08	-809.93	-119.13	-19.21	326.72
21605	4.59	16.62	-9.50	658.59	190.52	-763.45	-136.32	3.21	314.50
21606	5.85	16.34	-9.50	663.35	190.00	-719.53	-153.27	25.07	301.97
21607	7.09	15.99	-9.50	668.45	190.37	-678.61	-169.92	47.03	288.97
21608	8.29	15.58	-9.50	674.56	191.44	-640.99	-186.24	69.85	275.21
21609	9.46	15.11	-9.50	682.44	192.99	-606.91	-202.28	94.31	260.30
21610	10.60	14.58	-9.50	693.02	194.74	-576.50	-218.09	121.18	243.69
21611	11.69	14.00	-9.50	707.38	196.40	-549.79	-233.61	151.36	224.91
21612	0.68	18.88	-9.50	582.34	159.87	-872.85	-80.70	-75.99	415.95
21613	2.02	18.79	-9.50	586.01	158.64	-825.37	-99.07	-47.42	401.40
21614	3.36	18.61	-9.50	588.92	159.01	-778.89	-117.32	-20.46	385.80
21615	4.68	18.35	-9.50	591.52	160.84	-733.92	-135.33	5.24	369.30
21616	5.97	18.01	-9.50	594.35	163.96	-690.99	-153.00	30.15	352.01
21617	7.23	17.59	-9.50	598.02	168.16	-650.59	-170.29	54.79	333.90
21618	8.47	17.09	-9.50	603.23	173.22	-613.18	-187.25	79.77	314.82
21619	9.66	16.51	-9.50	610.85	178.86	-579.16	-203.95	105.72	294.48
21620	10.81	15.87	-9.50	621.97	184.73	-548.89	-220.55	133.32	272.43
21621	11.91	15.15	-9.50	638.06	190.27	-522.64	-237.13	163.08	247.90
21622	16.80	9.56	-9.50	959.74	179.84	-472.97	-289.46	382.01	76.42
21623	16.19	10.65	-9.50	871.11	190.00	-468.60	-296.05	345.23	103.70
21624	15.52	11.69	-9.50	794.88	197.40	-467.77	-292.38	309.29	134.55
21625	15.79	9.48	-9.50	962.04	176.29	-501.80	-266.28	318.60	95.22
21626	15.37	10.42	-9.50	893.57	185.41	-497.62	-274.88	297.93	116.53
21627	14.91	11.34	-9.50	829.55	192.64	-495.04	-276.67	276.22	138.55
21628	14.78	9.40	-9.50	964.18	174.56	-521.05	-246.52	256.68	104.42
21629	14.55	10.21	-9.50	911.68	182.83	-518.24	-256.04	250.88	122.93
21630	14.30	11.00	-9.50	859.41	189.48	-515.42	-262.16	239.12	141.26
21631	12.93	14.37	-9.50	660.33	195.85	-501.45	-252.76	196.01	225.42
21632	12.65	13.39	-9.50	726.02	198.14	-528.80	-247.40	182.48	208.24
21633	12.36	12.43	-9.50	788.49	196.70	-545.66	-239.54	163.92	186.96
21634	13.86	13.54	-9.50	692.15	199.27	-485.34	-268.04	230.62	197.29
21635	13.48	12.78	-9.50	750.71	197.92	-513.11	-259.53	212.80	187.22
21636	13.10	12.03	-9.50	804.56	195.29	-532.17	-249.23	191.39	173.98
21637	14.74	12.66	-9.50	735.18	200.48	-473.32	-282.39	267.72	167.54
21638	14.28	12.13	-9.50	781.64	196.93	-500.04	-271.11	244.77	164.72
21639	13.81	11.61	-9.50	823.77	191.88	-520.05	-258.83	221.15	156.42
21640	11.69	9.49	-10.50	1162.16	242.58	-489.12	-253.16	89.31	108.08
21641	12.72	9.44	-10.50	1166.32	234.92	-476.65	-270.21	129.42	107.23
21642	13.76	9.39	-10.50	1168.69	227.78	-463.59	-288.25	175.95	103.52
21643	11.91	10.47	-10.50	1106.98	246.71	-491.91	-272.99	108.09	127.22
21644	12.81	10.33	-10.50	1112.12	240.92	-477.98	-287.63	142.41	124.09
21645	13.70	10.18	-10.50	1116.77	235.67	-463.80	-302.76	180.07	118.84
21646	12.11	11.46	-10.50	1045.98	250.70	-491.58	-289.77	126.14	147.67
21647	12.88	11.21	-10.50	1054.02	246.03	-477.23	-301.80	153.50	140.64
21648	13.63	10.96	-10.50	1062.79	242.77	-463.08	-313.23	186.05	134.53
21649	0.57	9.89	-10.50	1046.14	343.30	-747.83	-97.55	-64.76	102.49
21650	1.70	9.88	-10.50	1064.02	333.55	-710.20	-111.72	-55.90	101.98
21651	2.84	9.86	-10.50	1080.03	323.27	-674.96	-126.34	-47.72	102.03
21652	3.96	9.83	-10.50	1094.31	312.78	-641.95	-141.31	-39.53	102.54
21653	5.08	9.80	-10.50	1107.13	302.19	-611.41	-156.58	-30.71	103.46
21654	6.20	9.76	-10.50	1118.73	291.62	-583.65	-172.11	-20.44	104.70
21655	7.31	9.71	-10.50	1129.32	281.18	-558.88	-187.85	-7.77	106.18
21656	8.42	9.66	-10.50	1139.04	270.97	-537.24	-203.80	8.45	107.78
21657	9.52	9.60	-10.50	1147.92	261.12	-518.63	-219.98	29.41	109.35
21658	10.62	9.54	-10.50	1155.87	251.75	-502.68	-236.43	56.28	110.80
21659	0.60	11.68	-10.50	993.22	329.66	-779.04	-107.09	-60.39	141.23
21660	1.80	11.64	-10.50	1009.76	320.81	-737.60	-123.73	-49.08	139.27
21661	2.99	11.58	-10.50	1024.49	311.92	-699.16	-140.47	-38.71	137.86
21662	4.16	11.50	-10.50	1037.58	303.11	-663.29	-157.32	-28.49	136.97
21663	5.32	11.40	-10.50	1049.38	294.45	-630.18	-174.20	-17.72	136.46
21664	6.47	11.28	-10.50	1060.22	285.98	-599.98	-191.04	-5.57	136.18
21665	7.60	11.15	-10.50	1070.41	277.72	-572.79	-207.79	8.91	135.97
21666	8.72	10.99	-10.50	1080.19	269.66	-548.54	-224.42	26.77	135.58
21667	9.83	10.82	-10.50	1089.75	261.81	-527.05	-240.94	49.11	134.76
21668	10.92	10.63	-10.50	1099.25	254.16	-507.90	-257.36	76.91	133.07
21669	0.63	13.48	-10.50	933.31	313.13	-813.76	-113.17	-57.51	190.55
21670	1.88	13.42	-10.50	947.99	305.52	-768.93	-131.60	-43.14	186.18
21671	3.11	13.32	-10.50	960.96	298.30	-727.07	-150.09	-29.93	182.49
21672	4.33	13.19	-10.50	972.52	291.50	-687.79	-168.56	-17.08	179.32
21673	5.53	13.03	-10.50	983.08	285.09	-651.24	-186.92	-3.90	176.48
21674	6.70	12.83	-10.50	993.07	279.03	-617.53	-205.09	10.41	173.74
21675	7.86	12.61	-10.50	1002.88	273.23	-586.68	-223.01	26.75	170.81
21676	8.99	12.35	-10.50	1012.85	267.59	-558.61	-240.64	46.09	167.35
21677	10.11	12.06	-10.50	1023.35	261.99	-533.13	-257.96	69.41	162.90
21678	11.19	11.74	-10.50	1034.83	256.34	-510.02	-274.97	97.63	157.15
21679	0.65	15.28	-10.50	868.70	290.56	-843.00	-115.63	-57.48	251.22
21680	1.95	15.20	-10.50	880.81	284.70	-795.81	-135.47	-39.30	243.77
21681	3.22	15.07	-10.50	891.52	279.55	-750.95	-155.35	-22.59	236.80

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
21682	4.47	14.90	-10.50	901.18	275.11	-708.29	-175.18	-6.58	230.17
21683	5.71	14.67	-10.50	910.24	271.32	-668.04	-194.86	9.39	223.68
21684	6.91	14.40	-10.50	919.16	268.06	-630.39	-214.30	26.05	217.07
21685	8.09	14.08	-10.50	928.44	265.18	-595.43	-233.45	44.23	210.01
21686	9.24	13.72	-10.50	938.57	262.47	-563.18	-252.26	64.78	202.06
21687	10.36	13.31	-10.50	950.09	259.71	-533.63	-270.65	88.60	192.71
21688	11.45	12.86	-10.50	963.69	256.75	-506.75	-288.56	116.51	181.36
21689	0.67	17.07	-10.50	801.31	256.43	-852.17	-114.39	-61.27	317.07
21690	1.99	16.99	-10.50	810.40	252.92	-804.53	-135.59	-39.17	306.43
21691	3.30	16.84	-10.50	818.49	250.54	-758.29	-156.77	-18.73	295.67
21692	4.59	16.62	-10.50	825.92	249.22	-713.63	-177.84	0.65	284.77
21693	5.85	16.34	-10.50	833.20	248.85	-670.92	-198.70	19.57	273.63
21694	7.09	15.99	-10.50	840.82	249.26	-630.49	-219.28	38.66	262.08
21695	8.29	15.58	-10.50	849.38	250.24	-592.59	-239.55	58.65	249.84
21696	9.46	15.11	-10.50	859.54	251.49	-557.43	-259.47	80.27	236.52
21697	10.60	14.58	-10.50	872.08	252.65	-525.17	-278.95	104.31	221.56
21698	11.69	14.00	-10.50	888.02	253.30	-495.99	-297.82	131.68	204.45
21699	0.68	18.88	-10.50	732.72	206.10	-827.64	-109.12	-69.70	371.05
21700	2.02	18.79	-10.50	738.77	205.69	-782.09	-131.82	-44.77	358.40
21701	3.36	18.61	-10.50	744.12	207.01	-737.26	-154.40	-21.32	344.82
21702	4.68	18.35	-10.50	749.21	209.94	-693.53	-176.74	1.04	330.47
21703	5.97	18.01	-10.50	754.56	214.24	-651.34	-198.73	22.74	315.41
21704	7.23	17.59	-10.50	760.76	219.66	-611.09	-220.34	44.29	299.60
21705	8.47	17.09	-10.50	768.46	225.90	-573.15	-241.55	66.27	282.87
21706	9.66	16.51	-10.50	778.49	232.57	-537.87	-262.39	89.29	264.92
21707	10.81	15.87	-10.50	791.86	239.15	-505.57	-282.87	114.00	245.32
21708	11.91	15.15	-10.50	810.01	244.92	-476.58	-302.95	140.97	223.26
21709	16.80	9.56	-10.50	1142.65	217.92	-403.07	-357.37	355.95	65.82
21710	16.19	10.65	-10.50	1051.84	233.32	-402.85	-366.64	316.88	90.81
21711	15.52	11.69	-10.50	973.51	244.99	-406.52	-364.29	280.20	119.36
21712	15.79	9.48	-10.50	1154.65	219.08	-428.35	-331.86	294.06	85.96
21713	15.37	10.42	-10.50	1082.59	231.57	-428.08	-343.04	272.06	105.04
21714	14.91	11.34	-10.50	1015.09	241.69	-429.64	-346.35	249.71	124.79
21715	14.78	9.40	-10.50	1164.52	222.23	-448.20	-308.53	235.18	96.30
21716	14.55	10.21	-10.50	1107.60	232.29	-447.96	-320.79	228.24	112.80
21717	14.30	11.00	-10.50	1051.19	240.51	-448.06	-328.98	215.63	129.04
21718	12.93	14.37	-10.50	834.10	250.07	-452.06	-321.40	171.36	203.22
21719	12.65	13.39	-10.50	907.85	253.71	-472.29	-314.20	160.34	189.40
21720	12.36	12.43	-10.50	978.20	254.01	-485.64	-303.17	144.75	171.55
21721	13.86	13.54	-10.50	867.64	252.29	-432.22	-338.75	203.84	177.44
21722	13.48	12.78	-10.50	933.61	251.80	-453.87	-328.12	188.65	169.93
21723	13.10	12.03	-10.50	994.53	250.57	-469.67	-314.71	170.23	159.42
21724	14.74	12.66	-10.50	912.17	251.36	-416.31	-354.33	239.30	149.98
21725	14.28	12.13	-10.50	965.28	248.62	-438.07	-340.95	218.90	148.97
21726	13.81	11.61	-10.50	1013.61	244.70	-455.34	-325.75	198.15	142.73
21727	-11.73	9.54	-9.50	574.89	321.48	-1344.82	12.87	-341.41	195.01
21728	-12.75	9.48	-9.50	547.19	325.55	-1395.63	16.55	-392.17	213.67
21729	-13.78	9.42	-9.50	517.40	329.36	-1435.17	21.98	-449.12	233.05
21730	-12.00	10.61	-9.50	554.02	318.10	-1376.47	17.46	-374.67	244.69
21731	-12.88	10.44	-9.50	531.30	321.41	-1409.34	22.28	-418.31	257.13
21732	-13.75	10.26	-9.50	507.35	324.39	-1433.72	28.09	-463.54	269.11
21733	-12.22	11.64	-9.50	533.71	311.24	-1388.76	24.77	-405.80	295.34
21734	-12.96	11.36	-9.50	515.54	314.93	-1408.88	29.42	-440.69	298.76
21735	-13.69	11.07	-9.50	495.44	317.25	-1425.23	35.45	-478.22	304.20
21736	-0.60	9.97	-9.50	845.43	261.05	-814.78	-60.99	-91.31	125.95
21737	-1.78	10.05	-9.50	823.53	267.14	-857.17	-48.15	-103.29	128.70
21738	-2.94	10.06	-9.50	800.49	273.68	-901.45	-36.40	-117.66	131.11
21739	-4.07	10.03	-9.50	775.58	280.38	-948.27	-25.82	-134.08	133.76
21740	-5.20	9.99	-9.50	748.83	286.97	-997.91	-16.55	-152.69	137.15
21741	-6.30	9.93	-9.50	720.56	293.38	-1050.57	-8.65	-173.80	141.79
21742	-7.41	9.86	-9.50	691.32	299.56	-1106.33	-2.16	-197.93	148.13
21743	-8.50	9.78	-9.50	661.70	305.50	-1164.97	2.97	-225.80	156.57
21744	-9.59	9.70	-9.50	632.26	311.17	-1225.73	6.89	-258.38	167.48
21745	-10.67	9.62	-9.50	603.30	316.51	-1287.03	9.97	-296.79	181.04
21746	-0.65	11.83	-9.50	793.76	248.85	-859.81	-65.59	-84.73	167.49
21747	-1.93	11.99	-9.50	768.88	255.54	-919.74	-51.21	-104.44	176.67
21748	-3.17	12.02	-9.50	745.42	263.14	-974.29	-38.25	-124.89	183.58
21749	-4.37	11.96	-9.50	722.23	270.88	-1026.67	-26.75	-146.66	189.40
21750	-5.54	11.84	-9.50	698.72	278.63	-1078.22	-16.77	-170.17	195.02
21751	-6.68	11.69	-9.50	674.79	286.27	-1129.86	-8.33	-195.89	201.04
21752	-7.80	11.50	-9.50	650.57	293.65	-1181.92	-1.33	-224.35	207.90
21753	-8.89	11.29	-9.50	626.27	300.62	-1234.16	4.40	-256.17	215.90
21754	-9.97	11.07	-9.50	602.05	307.07	-1285.71	9.15	-291.97	225.19
21755	-11.03	10.82	-9.50	577.86	312.92	-1335.12	13.35	-332.15	235.61
21756	-0.66	13.61	-9.50	740.25	237.62	-906.85	-68.58	-84.49	220.38
21757	-1.97	13.75	-9.50	718.49	244.26	-966.94	-53.61	-107.77	232.24
21758	-3.25	13.76	-9.50	697.66	251.96	-1023.62	-39.85	-132.47	242.45
21759	-4.50	13.68	-9.50	677.20	260.20	-1078.58	-27.57	-159.12	251.33
21760	-5.72	13.52	-9.50	656.81	268.64	-1131.64	-16.81	-187.79	259.27
21761	-6.90	13.30	-9.50	636.37	277.02	-1182.75	-7.51	-218.62	266.62
21762	-8.05	13.02	-9.50	615.86	285.11	-1231.73	0.51	-251.83	273.61
21763	-9.17	12.71	-9.50	595.23	292.70	-1278.17	7.50	-287.67	280.36
21764	-10.26	12.36	-9.50	574.38	299.62	-1321.36	13.81	-326.33	286.85
21765	-11.32	11.98	-9.50	553.24	305.77	-1360.46	19.73	-367.50	292.86
21766	-0.67	15.37	-9.50	685.17	225.18	-947.04	-69.22	-87.57	287.33
21767	-1.99	15.46	-9.50	667.95	231.22	-1004.78	-53.77	-114.83	301.38
21768	-3.30	15.43	-9.50	651.15	238.38	-1059.64	-39.39	-143.95	313.59
21769	-4.58	15.31	-9.50	634.48	246.20	-1112.39	-26.21	-175.17	323.97
21770	-5.83	15.10	-9.50	617.68	254.41	-1162.58	-14.28	-208.42	332.58
21771	-7.05	14.82	-9.50	600.64	262.75	-1209.83	-3.57	-243.56	339.44
21772	-8.23	14.46	-9.50	583.24	271.00	-1253.72	6.05	-280.48	344.57
21773	-9.38	14.06	-9.50	565.35	278.99	-1293.83	14.75	-319.06	347.91
21774	-10.49	13.59	-9.50	546.77	286.58	-1329.67	22.76	-359.18	349.40
21775	-11.56	13.09	-9.50	527.35	293.56	-1361.05	30.37	-400.50	349.19
21776	-0.67	17.14	-9.50	630.33	203.14	-958.52	-67.45	-94.69	363.68
21777	-2.01	17.15	-9.50	618.33	207.86	-1011.25	-51.11	-125.66	377.82
21778	-3.33	17.07	-9.50	606.09	213.97	-1061.69	-35.49	-158.46	389.79
21779	-4.64	16.89	-9.50	593.42	221.11	-1110.12	-20.76	-193.20	399.36
21780	-5.92	16.62	-9.50	580.11	229.08	-1156.06	-7.04	-229.64	406.34

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
21781	-7.16	16.27	-9.50	566.05	237.68	-1199.10	5.60	-267.50	410.60
21782	-8.37	15.85	-9.50	551.17	246.73	-1238.86	17.13	-306.45	412.03
21783	-9.54	15.35	-9.50	535.38	256.08	-1274.98	27.56	-346.12	410.54
21784	-10.67	14.79	-9.50	518.59	265.57	-1307.15	36.89	-386.20	406.02
21785	-11.76	14.16	-9.50	500.65	274.99	-1335.29	45.28	-426.54	398.55
21786	-0.68	18.90	-9.50	576.92	162.43	-920.10	-62.63	-105.86	429.56
21787	-2.03	18.84	-9.50	570.18	166.37	-968.05	-44.69	-138.81	441.94
21788	-3.37	18.69	-9.50	562.42	172.16	-1014.72	-27.17	-173.36	451.92
21789	-4.69	18.45	-9.50	553.51	179.62	-1060.06	-10.34	-209.51	459.24
21790	-5.99	18.11	-9.50	543.34	188.59	-1103.71	5.55	-247.01	463.66
21791	-7.26	17.69	-9.50	531.87	198.93	-1145.33	20.28	-285.55	464.95
21792	-8.49	17.19	-9.50	519.10	210.45	-1184.62	33.65	-324.75	462.93
21793	-9.68	16.60	-9.50	505.09	222.95	-1221.26	45.48	-364.20	457.50
21794	-10.83	15.94	-9.50	489.93	236.20	-1255.01	55.62	-403.48	448.56
21795	-11.93	15.21	-9.50	473.63	249.98	-1285.61	64.00	-442.20	435.88
21796	-16.80	9.56	-9.50	389.19	331.62	-1423.10	63.90	-624.24	289.38
21797	-16.20	10.66	-9.50	398.95	319.13	-1403.61	70.56	-602.69	322.50
21798	-15.53	11.72	-9.50	409.89	305.35	-1381.45	75.29	-578.53	353.26
21799	-15.80	9.49	-9.50	438.55	332.49	-1453.41	45.71	-574.98	276.25
21800	-15.40	10.46	-9.50	439.68	322.86	-1433.75	52.68	-564.05	307.94
21801	-14.94	11.40	-9.50	442.11	311.70	-1411.21	58.35	-550.03	336.65
21802	-14.79	9.43	-9.50	480.35	331.99	-1456.74	31.61	-515.60	255.30
21803	-14.59	10.27	-9.50	475.19	324.99	-1444.16	38.16	-517.54	286.94
21804	-14.35	11.08	-9.50	472.21	316.47	-1426.80	44.35	-512.97	316.63
21805	-12.95	14.42	-9.50	457.31	263.01	-1313.32	70.53	-479.79	422.59
21806	-12.71	13.52	-9.50	484.11	283.39	-1358.42	51.94	-463.23	390.31
21807	-12.45	12.61	-9.50	509.78	299.07	-1384.30	36.56	-437.74	347.97
21808	-13.88	13.58	-9.50	441.04	276.95	-1337.83	74.76	-514.46	403.50
21809	-13.53	12.88	-9.50	468.36	292.32	-1376.75	56.65	-495.06	376.83
21810	-13.17	12.17	-9.50	494.12	304.21	-1399.98	41.22	-468.29	342.64
21811	-14.76	12.69	-9.50	424.57	290.77	-1359.56	76.90	-547.33	381.66
21812	-14.32	12.20	-9.50	452.17	301.26	-1392.31	59.87	-525.15	361.44
21813	-13.87	11.71	-9.50	478.04	309.86	-1412.22	45.11	-497.92	333.12
21814	-11.69	9.52	-10.50	729.69	414.11	-1261.46	12.25	-305.38	181.55
21815	-12.72	9.46	-10.50	692.81	415.20	-1305.78	20.09	-352.53	198.65
21816	-13.76	9.41	-10.50	652.24	415.45	-1341.21	29.38	-403.95	215.27
21817	-11.91	10.54	-10.50	704.29	404.26	-1284.22	19.25	-332.31	222.70
21818	-12.81	10.39	-10.50	673.28	405.31	-1315.16	27.48	-372.61	234.34
21819	-13.70	10.22	-10.50	640.38	405.77	-1339.43	36.32	-413.66	244.92
21820	-12.11	11.55	-10.50	677.93	390.15	-1295.23	28.93	-357.74	265.69
21821	-12.87	11.29	-10.50	653.13	392.81	-1315.84	36.06	-390.05	269.15
21822	-13.62	11.02	-10.50	626.13	393.93	-1333.66	44.31	-424.47	274.37
21823	-0.57	9.92	-10.50	1024.21	352.31	-781.25	-83.45	-75.67	104.83
21824	-1.72	9.94	-10.50	1002.70	360.26	-818.26	-69.91	-85.07	107.35
21825	-2.85	9.94	-10.50	979.15	368.21	-859.10	-57.32	-96.63	110.01
21826	-3.98	9.91	-10.50	953.47	376.11	-902.71	-45.65	-110.31	113.41
21827	-5.10	9.88	-10.50	925.81	383.67	-948.93	-34.97	-126.41	117.93
21828	-6.21	9.83	-10.50	896.37	390.72	-997.69	-25.29	-145.39	123.94
21829	-7.32	9.78	-10.50	865.42	397.12	-1048.88	-16.58	-167.82	131.77
21830	-8.43	9.72	-10.50	833.23	402.76	-1102.15	-8.73	-194.39	141.68
21831	-9.53	9.65	-10.50	799.97	407.53	-1156.67	-1.55	-225.86	153.78
21832	-10.62	9.58	-10.50	765.52	411.30	-1210.98	5.28	-262.99	168.04
21833	-0.61	11.74	-10.50	971.16	338.99	-817.85	-90.61	-72.46	144.47
21834	-1.81	11.78	-10.50	950.15	347.59	-865.76	-75.59	-86.55	148.96
21835	-3.00	11.75	-10.50	927.99	355.99	-912.25	-61.50	-102.42	153.60
21836	-4.17	11.69	-10.50	904.57	364.07	-958.70	-48.29	-120.13	158.99
21837	-5.33	11.59	-10.50	879.72	371.82	-1005.88	-36.08	-140.27	165.32
21838	-6.47	11.46	-10.50	853.45	379.13	-1053.94	-24.92	-163.28	172.72
21839	-7.61	11.31	-10.50	825.89	385.86	-1102.72	-14.78	-189.62	181.29
21840	-8.72	11.13	-10.50	797.15	391.84	-1151.68	-5.50	-219.71	191.06
21841	-9.83	10.94	-10.50	767.26	396.92	-1199.84	3.11	-253.91	201.92
21842	-10.92	10.73	-10.50	736.08	401.01	-1245.92	11.36	-292.49	213.46
21843	-0.62	13.53	-10.50	914.04	321.19	-856.36	-95.24	-72.71	196.39
21844	-1.86	13.55	-10.50	895.55	328.84	-906.28	-78.56	-90.48	203.45
21845	-3.09	13.50	-10.50	875.76	336.84	-955.13	-62.80	-110.57	210.35
21846	-4.31	13.40	-10.50	854.97	344.99	-1003.26	-48.08	-132.66	217.34
21847	-5.51	13.24	-10.50	833.03	353.04	-1050.84	-34.42	-157.13	224.59
21848	-6.68	13.04	-10.50	809.89	360.81	-1097.69	-21.81	-184.28	232.15
21849	-7.84	12.80	-10.50	785.53	368.13	-1143.48	-10.16	-214.33	239.95
21850	-8.98	12.52	-10.50	759.90	374.82	-1187.60	0.69	-247.41	247.84
21851	-10.09	12.21	-10.50	732.91	380.72	-1229.14	10.94	-283.50	255.53
21852	-11.18	11.86	-10.50	704.56	385.71	-1267.34	20.76	-322.41	262.55
21853	-0.64	15.32	-10.50	853.10	297.11	-888.28	-96.34	-76.76	259.65
21854	-1.91	15.31	-10.50	837.76	303.69	-938.48	-78.21	-98.62	268.54
21855	-3.18	15.23	-10.50	821.19	310.99	-987.26	-60.91	-122.84	276.91
21856	-4.43	15.08	-10.50	803.59	318.77	-1034.74	-44.56	-149.13	284.72
21857	-5.66	14.86	-10.50	784.83	326.80	-1080.69	-29.21	-177.61	291.87
21858	-6.87	14.59	-10.50	764.81	334.89	-1124.73	-14.86	-208.33	298.23
21859	-8.06	14.26	-10.50	743.44	342.89	-1166.43	-1.47	-241.22	303.60
21860	-9.21	13.88	-10.50	720.64	350.66	-1205.28	11.05	-276.14	307.74
21861	-10.34	13.45	-10.50	696.23	358.11	-1240.70	22.79	-312.82	310.35
21862	-11.43	12.98	-10.50	670.18	364.98	-1272.40	33.92	-351.03	311.24
21863	-0.66	17.10	-10.50	789.79	260.96	-898.48	-93.70	-84.67	327.81
21864	-1.96	17.06	-10.50	777.90	266.18	-947.37	-73.85	-110.43	337.89
21865	-3.26	16.94	-10.50	764.77	272.65	-994.59	-54.65	-138.29	346.72
21866	-4.54	16.74	-10.50	750.46	280.15	-1040.10	-36.28	-167.99	354.04
21867	-5.81	16.47	-10.50	734.82	288.50	-1083.58	-18.89	-199.46	359.63
21868	-7.05	16.12	-10.50	717.74	297.55	-1124.66	-2.55	-232.51	363.28
21869	-8.26	15.71	-10.50	699.15	307.17	-1163.01	12.65	-266.88	364.78
21870	-9.43	15.23	-10.50	679.01	317.24	-1198.31	26.63	-302.24	363.92
21871	-10.57	14.68	-10.50	657.23	327.64	-1230.22	39.33	-338.21	360.53
21872	-11.67	14.08	-10.50	633.77	338.16	-1258.60	50.77	-374.64	354.44
21873	-0.67	18.88	-10.50	725.22	208.29	-873.03	-86.73	-96.02	383.03
21874	-2.01	18.81	-10.50	716.85	212.28	-919.25	-64.72	-124.27	393.31
21875	-3.34	18.65	-10.50	707.10	218.30	-964.29	-43.20	-154.18	401.71
21876	-4.66	18.39	-10.50	695.90	226.23	-1007.99	-22.49	-185.57	407.88
21877	-5.95	18.06	-10.50	683.15	235.95	-1050.04	-2.84	-218.24	411.58
21878	-7.22	17.64	-10.50	668.77	247.31	-1090.14	15.50	-251.93	412.59
21879	-8.45	17.14	-10.50	652.78	260.15	-1128.02	32.28	-286.31	410.75

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
21880	-9.64	16.56	-10.50	635.25	274.27	-1163.43	47.30	-321.01	405.95
21881	-10.80	15.90	-10.50	616.28	289.44	-1196.14	60.32	-355.66	398.12
21882	-11.90	15.18	-10.50	595.91	305.41	-1225.92	71.22	-389.85	387.00
21883	-16.80	9.56	-10.50	490.67	403.49	-1355.60	76.46	-553.22	258.43
21884	-16.19	10.65	-10.50	503.28	387.89	-1338.25	83.19	-533.56	287.48
21885	-15.52	11.71	-10.50	516.91	370.97	-1318.36	87.71	-511.71	314.47
21886	-15.79	9.49	-10.50	550.15	409.23	-1368.77	58.12	-512.50	249.39
21887	-15.37	10.45	-10.50	553.17	396.02	-1352.79	64.89	-500.97	276.50
21888	-14.91	11.37	-10.50	557.13	381.37	-1334.37	70.14	-487.19	301.08
21889	-14.78	9.42	-10.50	603.20	413.57	-1363.71	42.28	-462.27	233.30
21890	-14.55	10.24	-10.50	598.24	402.66	-1353.63	48.92	-461.37	259.85
21891	-14.30	11.04	-10.50	595.22	390.35	-1340.14	54.95	-455.08	284.88
21892	-12.92	14.40	-10.50	575.52	320.76	-1252.85	79.81	-423.23	375.50
21893	-12.64	13.46	-10.50	612.00	347.73	-1282.10	59.85	-407.81	347.83
21894	-12.35	12.52	-10.50	646.35	370.44	-1296.33	42.84	-385.06	311.26
21895	-13.86	13.56	-10.50	555.32	337.19	-1276.61	85.54	-454.13	358.80
21896	-13.47	12.83	-10.50	591.44	358.08	-1300.89	66.31	-436.85	336.23
21897	-13.09	12.11	-10.50	625.33	375.83	-1313.10	49.45	-413.39	307.05
21898	-14.74	12.68	-10.50	534.98	353.52	-1297.81	88.72	-483.50	339.59
21899	-14.27	12.17	-10.50	570.40	368.47	-1317.16	70.83	-464.11	322.73
21900	-13.81	11.67	-10.50	603.74	381.82	-1326.83	54.92	-440.65	298.62
21901	-0.70	20.20	-9.50	526.97	107.96	-837.95	-53.89	-120.66	456.92
21902	-2.10	20.10	-9.50	523.65	110.79	-882.34	-32.98	-154.51	468.24
21903	-3.49	19.90	-9.50	518.45	116.18	-926.40	-12.06	-189.96	477.16
21904	-4.86	19.62	-9.50	511.24	124.10	-969.82	8.41	-226.91	483.43
21905	-6.20	19.23	-9.50	501.96	134.44	-1012.26	27.97	-265.13	486.78
21906	-7.52	18.76	-9.50	490.60	147.06	-1053.39	46.18	-304.29	486.93
21907	-8.80	18.19	-9.50	477.21	161.79	-1092.87	62.64	-344.04	483.64
21908	-10.04	17.54	-9.50	461.97	178.36	-1130.40	77.01	-383.94	476.72
21909	-11.23	16.80	-9.50	445.11	196.45	-1165.69	88.96	-423.56	466.07
21910	-12.37	15.98	-9.50	427.02	215.73	-1198.48	98.17	-462.38	451.62
21911	-13.44	15.08	-9.50	408.23	235.42	-1228.75	104.72	-500.06	433.87
21912	-14.46	14.11	-9.50	388.58	255.52	-1256.47	108.45	-536.64	411.98
21913	-15.40	13.08	-9.50	368.75	275.71	-1281.55	109.10	-571.23	386.38
21914	-16.27	11.98	-9.50	349.29	295.47	-1304.02	106.49	-603.22	356.61
21915	-17.06	10.82	-9.50	330.90	313.90	-1323.93	100.71	-631.73	324.03
21916	-17.76	9.62	-9.50	314.27	330.53	-1341.24	92.22	-656.87	288.96
21917	-0.74	21.03	-9.50	482.84	55.43	-736.48	-42.66	-135.22	431.78
21918	-2.22	20.93	-9.50	480.74	57.18	-778.85	-18.02	-168.37	441.15
21919	-3.69	20.72	-9.50	476.02	62.34	-820.61	7.05	-202.89	448.06
21920	-5.14	20.41	-9.50	468.58	70.73	-861.66	31.91	-238.62	452.51
21921	-6.57	19.99	-9.50	458.25	82.31	-901.73	55.86	-275.26	454.30
21922	-7.96	19.48	-9.50	444.93	97.06	-940.47	78.25	-312.48	453.13
21923	-9.32	18.87	-9.50	428.67	114.79	-977.55	98.53	-349.97	448.76
21924	-10.62	18.17	-9.50	409.69	135.24	-1012.67	116.18	-387.39	441.00
21925	-11.88	17.37	-9.50	388.36	157.99	-1045.59	130.70	-424.37	429.78
21926	-13.07	16.49	-9.50	365.20	182.45	-1076.17	141.70	-460.56	415.12
21927	-14.20	15.53	-9.50	340.75	208.01	-1104.35	148.98	-495.67	396.89
21928	-15.26	14.48	-9.50	315.52	234.22	-1130.08	152.32	-529.28	375.09
21929	-16.24	13.37	-9.50	290.17	260.42	-1153.39	151.51	-560.87	349.65
21930	-17.14	12.19	-9.50	265.49	285.85	-1174.27	146.53	-589.88	320.96
21931	-17.95	10.95	-9.50	242.17	309.78	-1192.66	137.58	-616.00	289.44
21932	-18.68	9.66	-9.50	220.78	331.55	-1208.50	125.04	-639.18	255.61
21933	-0.78	21.87	-9.50	439.92	15.57	-636.12	-29.39	-150.80	359.33
21934	-2.35	21.76	-9.50	438.99	16.80	-674.74	-2.37	-179.18	363.66
21935	-3.90	21.54	-9.50	434.84	22.12	-712.67	25.71	-208.68	365.84
21936	-5.43	21.20	-9.50	427.53	31.26	-750.32	53.78	-238.70	366.38
21937	-6.94	20.76	-9.50	416.69	44.24	-787.34	80.86	-268.75	365.08
21938	-8.41	20.20	-9.50	402.06	61.09	-823.20	106.17	-298.63	361.65
21939	-9.83	19.55	-9.50	383.69	81.66	-857.48	129.04	-328.22	355.85
21940	-11.20	18.79	-9.50	361.89	105.61	-889.90	148.82	-357.37	347.56
21941	-12.52	17.94	-9.50	337.14	132.41	-920.23	164.88	-385.88	336.76
21942	-13.77	17.00	-9.50	310.07	161.39	-948.35	176.76	-413.56	323.39
21943	-14.95	15.97	-9.50	281.38	191.85	-974.19	184.10	-440.18	307.41
21944	-16.06	14.85	-9.50	251.80	223.05	-997.69	186.63	-465.46	288.81
21945	-17.08	13.67	-9.50	222.16	254.16	-1018.84	184.21	-489.07	267.64
21946	-18.01	12.41	-9.50	193.33	284.31	-1037.55	176.85	-510.71	244.14
21947	-18.85	11.08	-9.50	166.10	312.58	-1053.75	164.71	-530.27	218.54
21948	-19.60	9.70	-9.50	141.09	338.22	-1067.40	148.07	-547.72	191.06
21949	-0.83	22.71	-9.50	398.06	-4.34	-556.13	-14.08	-168.37	247.57
21950	-2.47	22.59	-9.50	398.08	-2.93	-590.49	13.67	-188.63	244.71
21951	-4.11	22.35	-9.50	394.72	3.01	-624.18	42.83	-209.74	240.28
21952	-5.72	21.99	-9.50	388.21	13.23	-658.65	72.06	-230.22	235.28
21953	-7.30	21.52	-9.50	377.78	27.72	-693.14	100.18	-249.30	229.63
21954	-8.85	20.93	-9.50	363.01	46.49	-726.71	126.39	-267.06	223.11
21955	-10.35	20.23	-9.50	344.00	69.36	-758.79	149.95	-283.73	215.61
21956	-11.79	19.42	-9.50	321.13	95.91	-789.08	170.13	-299.42	207.15
21957	-13.17	18.52	-9.50	294.97	125.57	-817.36	186.28	-314.19	197.73
21958	-14.48	17.51	-9.50	266.21	157.60	-843.52	197.83	-328.10	187.35
21959	-15.71	16.41	-9.50	235.64	191.21	-867.44	204.38	-341.14	176.01
21960	-16.86	15.22	-9.50	204.13	225.54	-889.04	205.65	-353.27	163.67
21961	-17.92	13.96	-9.50	172.56	259.66	-908.21	201.52	-364.43	150.37
21962	-18.89	12.62	-9.50	141.85	292.58	-924.80	192.00	-374.59	136.18
21963	-19.75	11.21	-9.50	113.06	323.26	-938.65	177.31	-383.78	121.09
21964	-20.51	9.75	-9.50	86.88	350.60	-949.85	157.51	-392.19	104.99
21965	-0.87	23.55	-9.50	356.27	-4.58	-506.94	3.37	-188.92	92.00
21966	-2.60	23.42	-9.50	357.57	-1.88	-538.79	30.44	-197.83	80.86
21967	-4.32	23.17	-9.50	355.56	5.36	-569.79	58.41	-206.52	68.90
21968	-6.01	22.78	-9.50	350.47	17.09	-602.58	86.27	-212.98	57.10
21969	-7.67	22.28	-9.50	341.36	33.22	-636.11	113.05	-216.24	45.91
21970	-9.29	21.65	-9.50	327.75	53.66	-668.95	137.94	-216.72	35.56
21971	-10.86	20.91	-9.50	309.78	78.15	-700.37	160.15	-215.05	26.25
21972	-12.37	20.05	-9.50	287.88	106.23	-730.01	178.92	-211.70	18.15
21973	-13.81	19.09	-9.50	262.63	137.28	-757.66	193.58	-207.11	11.40
21974	-15.18	18.02	-9.50	234.75	170.59	-783.16	203.59	-201.67	6.05
21975	-16.47	16.85	-9.50	205.06	205.33	-806.37	208.55	-195.73	2.09
21976	-17.66	15.59	-9.50	174.43	240.62	-827.16	208.18	-189.61	-0.51
21977	-18.76	14.25	-9.50	143.75	275.51	-845.32	202.36	-183.57	-1.84
21978	-19.76	12.83	-9.50	113.98	308.96	-860.57	191.10	-177.91	-2.02

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
21979	-20.65	11.34	-9.50	85.92	339.93	-872.68	174.64	-172.90	-1.41
21980	-21.43	9.79	-9.50	61.85	367.59	-881.59	153.71	-169.29	-0.81
21981	-0.70	20.20	-10.50	663.60	146.69	-817.22	-75.19	-109.93	403.48
21982	-2.10	20.10	-10.50	657.43	149.27	-861.16	-49.94	-139.42	413.39
21983	-3.49	19.90	-10.50	649.37	154.85	-904.63	-24.95	-170.28	421.16
21984	-4.86	19.62	-10.50	639.27	163.33	-947.32	-0.68	-202.45	426.56
21985	-6.20	19.23	-10.50	627.05	174.61	-988.93	22.40	-235.72	429.36
21986	-7.52	18.76	-10.50	612.69	188.54	-1029.17	43.83	-269.82	429.34
21987	-8.80	18.19	-10.50	596.24	204.94	-1067.75	63.21	-304.43	426.30
21988	-10.04	17.54	-10.50	577.88	223.51	-1104.38	80.19	-339.19	420.11
21989	-11.23	16.80	-10.50	557.85	243.89	-1138.79	94.42	-373.71	410.69
21990	-12.37	15.98	-10.50	536.57	265.71	-1170.71	105.52	-407.58	398.05
21991	-13.44	15.08	-10.50	514.56	288.07	-1200.10	113.59	-440.57	382.57
21992	-14.46	14.11	-10.50	491.69	310.89	-1226.97	118.40	-472.75	363.45
21993	-15.40	13.08	-10.50	468.71	333.79	-1251.28	119.73	-503.28	340.99
21994	-16.27	11.98	-10.50	446.17	356.20	-1273.12	117.47	-531.56	314.74
21995	-17.06	10.82	-10.50	424.68	377.17	-1292.52	111.65	-556.73	286.00
21996	-17.76	9.62	-10.50	405.04	396.26	-1309.34	102.72	-578.86	255.06
21997	-0.74	21.03	-10.50	607.86	88.25	-747.15	-60.48	-123.99	380.50
21998	-2.22	20.93	-10.50	602.32	90.30	-790.92	-31.48	-152.89	388.29
21999	-3.69	20.72	-10.50	594.11	96.07	-833.96	-2.39	-182.91	393.98
22000	-5.14	20.41	-10.50	583.16	105.33	-876.10	26.08	-213.94	397.58
22001	-6.57	19.99	-10.50	569.29	118.08	-917.14	53.20	-245.72	398.91
22002	-7.96	19.48	-10.50	552.41	134.27	-956.75	78.36	-277.98	397.69
22003	-9.32	18.87	-10.50	532.62	153.73	-994.61	101.01	-310.48	393.70
22004	-10.62	18.17	-10.50	510.15	176.12	-1030.46	120.66	-342.94	386.81
22005	-11.88	17.37	-10.50	485.41	200.99	-1064.04	136.79	-375.03	376.96
22006	-13.07	16.49	-10.50	458.95	227.69	-1095.19	149.02	-406.50	364.16
22007	-14.20	15.53	-10.50	431.33	255.51	-1123.81	157.14	-437.11	348.27
22008	-15.26	14.48	-10.50	403.09	283.91	-1149.88	160.98	-466.49	329.21
22009	-16.24	13.37	-10.50	374.91	312.22	-1173.44	160.37	-494.14	306.89
22010	-17.14	12.19	-10.50	347.50	339.64	-1194.48	155.32	-519.48	281.66
22011	-17.95	10.95	-10.50	321.56	365.44	-1212.92	146.02	-542.27	253.96
22012	-18.68	9.66	-10.50	297.67	388.90	-1228.69	132.82	-562.49	224.29
22013	-0.78	21.87	-10.50	553.06	38.39	-676.87	-42.64	-138.60	318.27
22014	-2.35	21.76	-10.50	547.67	40.60	-718.50	-10.97	-163.38	320.88
22015	-3.90	21.54	-10.50	539.12	47.19	-759.50	21.51	-189.29	321.93
22016	-5.43	21.20	-10.50	527.43	57.61	-800.15	53.32	-215.51	321.89
22017	-6.94	20.76	-10.50	512.15	72.08	-840.00	83.46	-241.57	320.41
22018	-8.41	20.20	-10.50	493.07	90.66	-878.50	111.24	-267.41	317.12
22019	-9.83	19.55	-10.50	470.34	113.14	-915.25	136.06	-292.96	311.80
22020	-11.20	18.79	-10.50	444.33	139.13	-949.95	157.31	-318.12	304.38
22021	-12.52	17.94	-10.50	415.57	168.05	-982.42	174.41	-342.74	294.81
22022	-13.77	17.00	-10.50	384.74	199.15	-1012.47	186.88	-366.67	283.07
22023	-14.95	15.97	-10.50	352.56	231.66	-1040.02	194.44	-389.73	269.08
22024	-16.06	14.85	-10.50	319.79	264.77	-1065.03	196.86	-411.65	252.77
22025	-17.08	13.67	-10.50	287.24	297.65	-1087.44	194.07	-432.09	234.21
22026	-18.01	12.41	-10.50	255.73	329.42	-1107.17	186.12	-450.80	213.60
22027	-18.85	11.08	-10.50	226.11	359.12	-1124.12	173.18	-467.71	191.21
22028	-19.60	9.70	-10.50	199.13	385.94	-1138.32	155.54	-482.84	167.20
22029	-0.83	22.71	-10.50	498.88	5.74	-626.16	-21.50	-154.65	220.72
22030	-2.47	22.59	-10.50	492.97	8.25	-663.56	11.32	-172.05	215.96
22031	-4.11	22.35	-10.50	484.07	15.91	-701.12	45.60	-191.25	210.36
22032	-5.72	21.99	-10.50	472.24	27.83	-740.25	78.98	-209.40	205.17
22033	-7.30	21.52	-10.50	456.22	44.18	-779.32	110.26	-225.78	199.71
22034	-8.85	20.93	-10.50	435.78	65.05	-817.15	138.84	-240.83	193.56
22035	-10.35	20.23	-10.50	411.21	90.17	-853.23	164.11	-254.85	186.65
22036	-11.79	19.42	-10.50	383.02	119.04	-887.26	185.39	-267.99	178.99
22037	-13.17	18.52	-10.50	351.83	151.00	-919.03	202.07	-280.31	170.59
22038	-14.48	17.51	-10.50	318.41	185.25	-948.37	213.67	-291.89	161.46
22039	-15.71	16.41	-10.50	283.60	220.93	-975.17	219.83	-302.73	151.56
22040	-16.86	15.22	-10.50	248.25	257.15	-999.32	220.37	-312.78	140.85
22041	-17.92	13.96	-10.50	213.25	292.98	-1020.69	215.22	-321.98	129.37
22042	-18.89	12.62	-10.50	179.53	327.44	-1039.13	204.47	-330.33	117.20
22043	-19.75	11.21	-10.50	148.24	359.43	-1054.44	188.43	-337.92	104.34
22044	-20.51	9.75	-10.50	120.40	387.79	-1066.72	167.24	-344.92	90.61
22045	-0.87	23.55	-10.50	443.29	-1.69	-617.63	2.75	-174.12	82.11
22046	-2.60	23.42	-10.50	437.41	1.78	-652.32	35.07	-181.12	70.54
22047	-4.32	23.17	-10.50	428.85	10.73	-687.61	67.97	-190.07	58.34
22048	-6.01	22.78	-10.50	417.63	24.43	-726.87	99.67	-196.33	46.93
22049	-7.67	22.28	-10.50	402.03	42.73	-767.14	129.24	-198.80	36.40
22050	-9.29	21.65	-10.50	381.79	65.48	-806.28	155.97	-198.52	26.73
22051	-10.86	20.91	-10.50	357.45	92.32	-843.63	179.23	-196.23	18.10
22052	-12.37	20.05	-10.50	329.55	122.66	-878.87	198.36	-192.39	10.68
22053	-13.81	19.09	-10.50	298.76	155.82	-911.72	212.78	-187.42	4.60
22054	-15.18	18.02	-10.50	265.87	191.00	-942.01	222.06	-181.69	-0.11
22055	-16.47	16.85	-10.50	231.72	227.37	-969.57	225.90	-175.54	-3.45
22056	-17.66	15.59	-10.50	197.20	264.03	-994.23	224.14	-169.23	-5.46
22057	-18.76	14.25	-10.50	163.19	300.06	-1015.78	216.74	-163.01	-6.18
22058	-19.76	12.83	-10.50	130.59	334.47	-1033.88	203.77	-157.16	-5.69
22059	-20.65	11.34	-10.50	100.27	366.19	-1048.17	185.61	-151.97	-4.34
22060	-21.43	9.79	-10.50	74.80	394.71	-1058.25	163.37	-148.13	-3.09
22061	0.61	-2.50	-9.50	980.20	267.51	-654.35	23.38	-92.71	-77.58
22062	0.61	-3.10	-9.50	973.53	262.96	-650.33	28.64	-92.10	-85.26
22063	1.84	-2.50	-9.50	1002.94	255.06	-616.41	29.00	-86.08	-77.52
22064	1.83	-3.10	-9.50	995.92	250.75	-612.47	35.28	-85.58	-85.26
22065	3.07	-2.50	-9.50	1023.51	241.50	-579.97	34.75	-80.21	-77.05
22066	3.06	-3.10	-9.50	1016.13	237.49	-576.15	42.08	-79.81	-84.83
22067	4.30	-2.50	-9.50	1042.52	226.97	-545.80	40.60	-74.57	-76.14
22068	4.28	-3.10	-9.50	1034.76	223.32	-542.11	49.01	-74.26	-83.94
22069	5.52	-2.50	-9.50	1060.62	211.66	-514.86	46.50	-68.30	-74.78
22070	5.50	-3.10	-9.50	1052.44	208.41	-511.29	56.00	-68.09	-82.57
22071	6.75	-2.50	-9.50	1078.52	195.82	-488.26	52.38	-60.18	-72.95
22072	6.72	-3.10	-9.50	1069.87	193.01	-484.76	63.00	-60.09	-80.70
22073	7.98	-2.50	-9.50	1096.88	179.83	-467.10	58.16	-48.60	-70.65
22074	7.94	-3.10	-9.50	1087.71	177.47	-463.61	69.90	-48.69	-78.33
22075	9.21	-2.50	-9.50	1116.32	164.18	-452.40	63.71	-31.61	-67.90
22076	9.17	-3.10	-9.50	1106.58	162.26	-448.82	76.56	-31.97	-75.45
22077	10.43	-2.50	-9.50	1137.32	149.57	-444.87	68.88	-6.98	-64.69



Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
22078	10.39	-3.10	-9.50	1126.99	148.02	-441.09	82.79	-7.71	-72.07
22079	11.66	-2.50	-9.50	1160.24	136.93	-444.78	73.44	27.65	-61.06
22080	11.61	-3.10	-9.50	1149.33	135.63	-440.63	88.36	26.40	-68.23
22081	12.89	-2.50	-9.50	1185.35	127.46	-451.63	77.13	74.60	-57.02
22082	12.83	-3.10	-9.50	1173.91	126.20	-446.95	92.98	72.65	-63.92
22083	14.12	-2.50	-9.50	1212.73	122.72	-463.80	79.65	135.80	-52.52
22084	14.05	-3.10	-9.50	1200.89	121.16	-458.42	96.31	132.96	-59.07
22085	15.34	-2.50	-9.50	1242.21	124.61	-478.01	80.64	212.23	-47.34
22086	15.28	-3.10	-9.50	1230.26	122.28	-471.81	97.98	208.27	-53.42
22087	16.57	-2.50	-9.50	1273.39	135.44	-489.10	79.63	302.62	-40.98
22088	16.50	-3.10	-9.50	1261.85	131.68	-482.14	97.45	297.40	-46.35
22089	17.80	-2.50	-9.50	1306.10	157.98	-490.40	75.94	401.88	-32.46
22090	17.72	-3.10	-9.50	1295.85	152.04	-482.99	93.89	395.45	-36.68
22091	19.03	-2.50	-9.50	1341.52	195.69	-474.66	68.71	499.72	-20.36
22092	18.94	-3.10	-9.50	1333.77	186.96	-467.42	86.02	492.53	-22.70
22093	0.61	-2.50	-10.50	1159.08	338.51	-638.25	29.88	-81.58	-65.18
22094	0.61	-3.10	-10.50	1151.81	333.55	-634.65	36.64	-81.00	-71.35
22095	1.84	-2.50	-10.50	1186.57	323.52	-600.83	36.16	-78.32	-65.26
22096	1.83	-3.10	-10.50	1178.87	318.83	-597.33	44.02	-77.81	-71.50
22097	3.07	-2.50	-10.50	1212.97	307.53	-564.59	42.66	-75.50	-65.02
22098	3.06	-3.10	-10.50	1204.81	303.17	-561.20	51.66	-75.05	-71.34
22099	4.30	-2.50	-10.50	1238.70	290.66	-530.06	49.34	-72.53	-64.45
22100	4.28	-3.10	-10.50	1230.04	286.66	-526.81	59.53	-72.14	-70.84
22101	5.52	-2.50	-10.50	1264.20	273.03	-497.97	56.16	-68.54	-63.53
22102	5.50	-3.10	-10.50	1255.00	269.46	-494.85	67.60	-68.23	-69.97
22103	6.75	-2.50	-10.50	1289.84	254.88	-469.13	63.09	-62.32	-62.26
22104	6.72	-3.10	-10.50	1280.04	251.76	-466.09	75.81	-62.11	-68.74
22105	7.98	-2.50	-10.50	1315.89	236.46	-444.35	70.06	-52.32	-60.64
22106	7.94	-3.10	-10.50	1305.43	233.82	-441.35	84.10	-52.27	-67.14
22107	9.21	-2.50	-10.50	1342.46	218.18	-424.39	76.94	-36.65	-58.67
22108	9.17	-3.10	-10.50	1331.32	216.01	-421.36	92.33	-36.85	-65.17
22109	10.43	-2.50	-10.50	1369.49	200.56	-409.82	83.61	-13.16	-56.36
22110	10.39	-3.10	-10.50	1357.65	198.82	-406.65	100.36	-13.73	-62.83
22111	11.66	-2.50	-10.50	1396.71	184.36	-400.84	89.84	20.43	-53.71
22112	11.61	-3.10	-10.50	1384.22	182.92	-397.42	107.94	19.33	-60.11
22113	12.89	-2.50	-10.50	1423.65	170.54	-397.15	95.36	66.38	-50.67
22114	12.83	-3.10	-10.50	1410.61	169.20	-393.33	114.77	64.56	-56.96
22115	14.12	-2.50	-10.50	1449.66	160.41	-397.65	99.80	126.56	-47.14
22116	14.05	-3.10	-10.50	1436.27	158.85	-393.30	120.45	123.81	-53.22
22117	15.34	-2.50	-10.50	1474.01	155.63	-400.37	102.65	201.98	-42.86
22118	15.28	-3.10	-10.50	1460.65	153.41	-395.39	124.41	198.06	-48.56
22119	16.57	-2.50	-10.50	1496.33	158.38	-402.54	103.19	291.85	-37.35
22120	16.50	-3.10	-10.50	1483.61	154.87	-396.95	125.83	286.65	-42.39
22121	17.80	-2.50	-10.50	1517.51	171.52	-401.13	100.35	392.55	-29.89
22122	17.72	-3.10	-10.50	1506.31	166.00	-395.08	123.43	386.15	-33.80
22123	19.03	-2.50	-10.50	1540.89	198.96	-393.30	92.83	496.61	-19.45
22124	18.94	-3.10	-10.50	1532.35	190.77	-387.10	115.45	489.49	-21.60
22125	23.37	-3.10	-9.50	2203.20	620.84	1326.42	251.45	396.25	351.04
22126	23.44	-2.50	-9.50	2167.69	625.55	1342.19	-85.17	392.70	-11.81
22127	22.52	-3.10	-9.50	1884.47	594.60	371.23	73.12	326.04	218.03
22128	22.60	-2.50	-9.50	1877.90	598.64	382.16	-9.02	335.75	143.09
22129	21.68	-3.10	-9.50	1609.97	490.79	-109.70	39.71	560.01	109.57
22130	21.75	-2.50	-9.50	1607.86	494.11	-110.40	20.74	565.14	86.47
22131	20.83	-3.10	-9.50	1467.84	356.97	-307.46	50.55	621.92	42.73
22132	20.91	-2.50	-9.50	1466.88	367.42	-311.57	38.62	627.06	34.99
22133	19.98	-3.10	-9.50	1385.39	251.16	-417.34	71.46	580.07	0.96
22134	20.06	-2.50	-9.50	1389.03	262.36	-423.61	56.42	586.82	-0.11
22135	23.37	-3.10	-10.50	3631.62	988.89	1565.56	86.74	654.97	338.99
22136	23.44	-2.50	-10.50	3612.61	986.88	1583.64	-46.81	651.54	131.13
22137	22.52	-3.10	-10.50	2364.54	676.56	40.81	23.94	642.15	196.57
22138	22.60	-2.50	-10.50	2357.40	671.76	49.35	-25.88	644.86	124.97
22139	21.68	-3.10	-10.50	1853.51	487.10	-192.55	39.73	700.65	90.15
22140	21.75	-2.50	-10.50	1849.87	492.10	-193.17	22.42	704.02	70.59
22141	20.83	-3.10	-10.50	1663.20	342.65	-308.99	69.06	676.33	34.20
22142	20.91	-2.50	-10.50	1662.49	353.18	-313.53	53.29	680.69	27.46
22143	19.98	-3.10	-10.50	1575.12	243.89	-364.12	98.20	595.06	-1.53
22144	20.06	-2.50	-10.50	1579.40	254.77	-369.93	77.91	601.59	-2.41
22145	-19.03	-2.50	-9.50	349.34	355.10	-1438.70	-29.27	-674.42	-85.02
22146	-18.94	-3.10	-9.50	350.42	351.70	-1431.20	-33.90	-668.82	-102.90
22147	-17.80	-2.50	-9.50	417.51	345.10	-1469.88	-23.26	-602.39	-85.44
22148	-17.72	-3.10	-9.50	417.61	342.08	-1461.85	-26.47	-597.71	-102.40
22149	-16.57	-2.50	-9.50	469.77	336.85	-1454.61	-19.05	-515.61	-82.56
22150	-16.50	-3.10	-9.50	469.31	334.06	-1446.99	-21.27	-512.15	-97.94
22151	-15.34	-2.50	-9.50	509.88	330.79	-1402.35	-16.67	-431.05	-78.47
22152	-15.28	-3.10	-9.50	509.16	328.00	-1395.74	-18.34	-428.65	-92.05
22153	-14.12	-2.50	-9.50	544.36	326.86	-1327.89	-15.51	-358.49	-74.68
22154	-14.05	-3.10	-9.50	543.45	323.90	-1322.47	-16.93	-356.79	-86.59
22155	-12.89	-2.50	-9.50	578.71	324.56	-1245.14	-14.79	-300.74	-71.93
22156	-12.83	-3.10	-9.50	577.50	321.31	-1240.73	-16.10	-299.40	-82.46
22157	-11.66	-2.50	-9.50	615.66	323.20	-1163.71	-13.91	-256.35	-70.37
22158	-11.61	-3.10	-9.50	614.03	319.59	-1159.99	-15.12	-255.16	-79.83
22159	-10.43	-2.50	-9.50	655.55	322.05	-1088.57	-12.56	-222.42	-69.82
22160	-10.39	-3.10	-9.50	653.39	318.10	-1085.24	-13.58	-221.28	-78.51
22161	-9.21	-2.50	-9.50	697.46	320.55	-1021.38	-10.59	-196.13	-70.05
22162	-9.17	-3.10	-9.50	694.71	316.29	-1018.17	-11.31	-194.98	-78.21
22163	-7.98	-2.50	-9.50	740.04	318.27	-961.83	-7.99	-175.21	-70.82
22164	-7.94	-3.10	-9.50	736.68	313.76	-958.57	-8.28	-174.05	-78.64
22165	-6.75	-2.50	-9.50	781.98	314.95	-908.74	-4.78	-158.00	-71.93
22166	-6.72	-3.10	-9.50	778.02	310.24	-905.33	-4.53	-156.84	-79.54
22167	-5.52	-2.50	-9.50	822.23	310.40	-860.62	-1.04	-143.36	-73.19
22168	-5.50	-3.10	-9.50	817.71	305.56	-857.02	-0.14	-142.24	-80.70
22169	-4.30	-2.50	-9.50	859.99	304.52	-816.04	3.17	-130.59	-74.46
22170	-4.28	-3.10	-9.50	854.96	299.62	-812.26	4.82	-129.53	-81.95
22171	-3.07	-2.50	-9.50	894.80	297.29	-773.81	7.78	-119.27	-75.63
22172	-3.06	-3.10	-9.50	889.29	292.38	-769.88	10.24	-118.30	-83.13
22173	-1.84	-2.50	-9.50	926.40	288.68	-733.07	12.72	-109.22	-76.58
22174	-1.83	-3.10	-9.50	920.48	283.83	-729.05	16.07	-108.37	-84.13
22175	-0.61	-2.50	-9.50	954.81	278.74	-693.30	17.94	-100.39	-77.25
22176	-0.61	-3.10	-9.50	948.49	274.01	-689.25	22.22	-99.66	-84.86

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
22177	-19.03	-2.50	-10.50	437.82	435.37	-1369.04	-37.15	-598.99	-74.48
22178	-18.94	-3.10	-10.50	439.32	431.00	-1362.14	-42.90	-593.96	-90.43
22179	-17.80	-2.50	-10.50	518.91	433.03	-1381.75	-31.50	-540.65	-76.00
22180	-17.72	-3.10	-10.50	519.30	428.81	-1374.47	-35.84	-536.32	-91.37
22181	-16.57	-2.50	-10.50	587.72	430.77	-1362.93	-26.64	-467.09	-74.43
22182	-16.50	-3.10	-10.50	587.28	426.65	-1355.92	-29.82	-463.80	-88.59
22183	-15.34	-2.50	-10.50	645.19	428.68	-1317.99	-22.83	-391.59	-71.26
22184	-15.28	-3.10	-10.50	644.18	424.55	-1311.71	-25.13	-389.32	-83.92
22185	-14.12	-2.50	-10.50	694.77	426.71	-1256.05	-19.88	-323.26	-67.76
22186	-14.05	-3.10	-10.50	693.32	422.47	-1250.69	-21.55	-321.76	-78.90
22187	-12.89	-2.50	-10.50	740.19	424.66	-1186.50	-17.38	-266.32	-64.72
22188	-12.83	-3.10	-10.50	738.32	420.23	-1181.99	-18.57	-265.31	-74.49
22189	-11.66	-2.50	-10.50	784.04	422.24	-1116.54	-14.94	-221.32	-62.49
22190	-11.61	-3.10	-10.50	781.72	417.58	-1112.65	-15.70	-220.56	-71.14
22191	-10.43	-2.50	-10.50	827.48	419.14	-1050.39	-12.28	-186.84	-61.14
22192	-10.39	-3.10	-10.50	824.64	414.25	-1046.89	-12.60	-186.17	-68.90
22193	-9.21	-2.50	-10.50	870.61	415.10	-989.84	-9.24	-160.76	-60.55
22194	-9.17	-3.10	-10.50	867.22	410.00	-986.52	-9.06	-160.09	-67.65
22195	-7.98	-2.50	-10.50	913.03	409.94	-935.01	-5.74	-141.03	-60.57
22196	-7.94	-3.10	-10.50	909.09	404.68	-931.72	-5.00	-140.32	-67.21
22197	-6.75	-2.50	-10.50	954.21	403.55	-885.19	-1.79	-125.91	-61.03
22198	-6.72	-3.10	-10.50	949.72	398.17	-881.84	-0.39	-125.15	-67.35
22199	-5.52	-2.50	-10.50	993.67	395.88	-839.32	2.60	-114.08	-61.75
22200	-5.50	-3.10	-10.50	988.66	390.44	-835.86	4.73	-113.31	-67.89
22201	-4.30	-2.50	-10.50	1031.07	386.91	-796.31	7.39	-104.64	-62.61
22202	-4.28	-3.10	-10.50	1025.57	381.46	-792.75	10.32	-103.86	-68.65
22203	-3.07	-2.50	-10.50	1066.26	376.65	-755.25	12.56	-96.97	-63.47
22204	-3.06	-3.10	-10.50	1060.29	371.24	-751.61	16.35	-96.21	-69.49
22205	-1.84	-2.50	-10.50	1099.21	365.13	-715.45	18.05	-90.71	-64.24
22206	-1.83	-3.10	-10.50	1092.80	359.82	-711.78	22.78	-90.00	-70.28
22207	-0.61	-2.50	-10.50	1130.07	352.40	-676.50	23.83	-85.64	-64.83
22208	-0.61	-3.10	-10.50	1123.22	347.24	-672.84	29.55	-85.00	-70.93
22209	-20.06	-2.50	-9.50	256.69	367.71	-1347.58	-37.08	-712.02	-78.19
22210	-20.91	-2.50	-9.50	153.45	382.06	-1208.29	-44.43	-680.85	-61.47
22211	-21.75	-2.50	-9.50	70.65	395.88	-1063.13	-48.04	-570.68	-37.32
22212	-22.60	-2.50	-9.50	19.76	408.87	-943.69	-47.20	-396.48	-8.76
22213	-23.44	-2.50	-9.50	1.94	420.33	-873.93	-42.29	-157.97	23.22
22214	-19.98	-3.10	-9.50	258.80	363.91	-1341.24	-43.67	-706.48	-95.74
22215	-20.83	-3.10	-9.50	156.15	378.01	-1203.17	-53.03	-676.43	-76.56
22216	-21.68	-3.10	-9.50	73.51	391.84	-1059.02	-57.89	-567.83	-48.13
22217	-22.52	-3.10	-9.50	22.41	404.97	-940.31	-57.34	-395.36	-14.13
22218	-23.37	-3.10	-9.50	4.36	416.88	-870.91	-51.80	-158.57	24.23
22219	-20.06	-2.50	-10.50	335.34	438.11	-1316.53	-43.62	-627.31	-67.44
22220	-20.91	-2.50	-10.50	221.26	441.10	-1230.02	-49.34	-598.66	-52.20
22221	-21.75	-2.50	-10.50	121.59	443.99	-1135.58	-51.98	-502.56	-30.71
22222	-22.60	-2.50	-10.50	47.05	446.50	-1061.43	-50.72	-348.09	-5.08
22223	-23.44	-2.50	-10.50	10.31	446.77	-1049.89	-44.76	-137.53	23.72
22224	-19.98	-3.10	-10.50	337.80	433.63	-1310.46	-51.10	-622.43	-82.89
22225	-20.83	-3.10	-10.50	224.17	436.61	-1224.85	-58.56	-594.81	-65.38
22226	-21.68	-3.10	-10.50	124.57	439.68	-1131.18	-62.31	-500.11	-40.11
22227	-22.52	-3.10	-10.50	49.84	442.37	-1057.60	-61.38	-347.20	-9.65
22228	-23.37	-3.10	-10.50	12.86	443.16	-1046.27	-54.77	-138.17	24.78
22229	18.78	-3.96	-9.50	1315.38	172.84	-455.32	114.38	479.76	-25.95
22230	17.57	-3.96	-9.50	1274.18	143.33	-470.84	121.47	384.10	-42.52
22231	16.36	-3.96	-9.50	1238.91	126.69	-471.00	123.69	288.34	-53.82
22232	15.15	-3.96	-9.50	1207.36	119.57	-462.17	122.74	201.60	-61.92
22233	13.94	-3.96	-9.50	1178.73	119.62	-450.31	119.62	128.36	-68.21
22234	12.73	-3.96	-9.50	1152.82	125.03	-440.16	114.83	69.72	-73.51
22235	11.51	-3.96	-9.50	1129.46	134.29	-434.84	108.75	24.74	-78.16
22236	10.30	-3.96	-9.50	1108.35	146.18	-435.97	101.69	-8.44	-82.26
22237	9.09	-3.96	-9.50	1089.15	159.72	-444.10	93.94	-32.05	-85.83
22238	7.88	-3.96	-9.50	1071.39	174.15	-459.07	85.77	-48.35	-88.83
22239	6.67	-3.95	-9.50	1054.55	188.90	-480.22	77.36	-59.48	-91.27
22240	5.45	-3.95	-9.50	1038.02	203.54	-506.62	68.87	-67.32	-93.16
22241	4.24	-3.95	-9.50	1021.13	217.76	-537.24	60.41	-73.39	-94.51
22242	3.03	-3.95	-9.50	1003.23	231.32	-571.06	52.04	-78.85	-95.36
22243	1.82	-3.95	-9.50	983.69	244.07	-607.18	43.84	-84.52	-95.72
22244	0.61	-3.95	-9.50	961.96	255.86	-644.89	35.85	-90.91	-95.65
22245	18.53	-5.08	-9.50	1278.70	154.21	-437.61	156.83	459.48	-29.83
22246	17.33	-5.08	-9.50	1235.15	132.80	-453.39	159.89	366.27	-49.70
22247	16.14	-5.08	-9.50	1199.93	121.31	-455.31	158.41	274.31	-63.15
22248	14.94	-5.08	-9.50	1169.76	117.12	-448.90	154.36	191.45	-72.55
22249	13.75	-5.07	-9.50	1143.15	118.51	-439.48	148.62	121.55	-79.67
22250	12.55	-5.07	-9.50	1119.45	124.18	-431.40	141.56	65.56	-85.52
22251	11.36	-5.07	-9.50	1098.31	132.99	-427.65	133.40	22.60	-90.56
22252	10.16	-5.07	-9.50	1079.34	143.98	-429.86	124.38	-9.11	-94.94
22253	8.97	-5.07	-9.50	1062.11	156.39	-438.66	114.76	-31.71	-98.68
22254	7.77	-5.06	-9.50	1046.16	169.59	-453.93	104.76	-47.38	-101.78
22255	6.58	-5.06	-9.50	1030.93	183.11	-475.10	94.56	-58.15	-104.26
22256	5.38	-5.06	-9.50	1015.81	196.59	-501.33	84.33	-65.81	-106.14
22257	4.18	-5.06	-9.50	1000.17	209.76	-531.66	74.15	-71.78	-107.45
22258	2.99	-5.06	-9.50	983.40	222.41	-565.15	64.11	-77.18	-108.25
22259	1.79	-5.05	-9.50	964.91	234.37	-600.95	54.28	-82.76	-108.56
22260	0.60	-5.05	-9.50	944.21	245.54	-638.44	44.71	-89.05	-108.44
22261	18.21	-6.18	-9.50	1222.80	139.53	-417.74	202.25	434.14	-34.18
22262	17.04	-6.18	-9.50	1181.29	125.87	-434.31	198.21	344.54	-57.08
22263	15.86	-6.18	-9.50	1149.22	118.84	-438.54	191.45	257.53	-72.44
22264	14.69	-6.18	-9.50	1122.60	116.92	-435.07	183.46	179.55	-83.02
22265	13.51	-6.17	-9.50	1099.50	119.11	-428.55	174.71	113.78	-90.83
22266	12.34	-6.17	-9.50	1079.10	124.58	-422.95	165.23	61.05	-97.13
22267	11.16	-6.17	-9.50	1060.98	132.53	-421.10	155.03	20.56	-102.46
22268	9.99	-6.17	-9.50	1044.76	142.29	-424.65	144.21	-9.37	-107.00
22269	8.81	-6.17	-9.50	1030.00	153.26	-434.28	132.94	-30.78	-110.80
22270	7.64	-6.16	-9.50	1016.23	164.98	-449.96	121.38	-45.73	-113.89
22271	6.46	-6.16	-9.50	1002.91	177.06	-471.20	109.70	-56.13	-116.33
22272	5.29	-6.16	-9.50	989.45	189.19	-497.25	98.02	-63.64	-118.17
22273	4.11	-6.16	-9.50	975.28	201.14	-527.26	86.43	-69.58	-119.44
22274	2.94	-6.16	-9.50	959.83	212.73	-560.35	75.00	-74.97	-120.21
22275	1.76	-6.15	-9.50	942.58	223.79	-595.80	63.80	-80.55	-120.51

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
22276	0.59	-6.15	-9.50	923.09	234.22	-633.02	52.90	-86.80	-120.42
22277	17.83	-7.26	-9.50	1148.16	132.30	-396.77	244.39	403.61	-40.32
22278	16.68	-7.26	-9.50	1113.98	124.03	-414.58	232.37	319.03	-65.42
22279	15.53	-7.26	-9.50	1088.41	119.91	-421.47	220.05	238.26	-82.26
22280	14.38	-7.26	-9.50	1067.46	119.14	-421.29	208.21	166.06	-93.63
22281	13.23	-7.26	-9.50	1049.20	121.43	-417.99	196.64	105.09	-101.96
22282	12.08	-7.26	-9.50	1033.00	126.19	-415.18	184.92	56.20	-108.58
22283	10.93	-7.26	-9.50	1018.56	132.87	-415.52	172.93	18.62	-114.03
22284	9.78	-7.26	-9.50	1005.56	141.07	-420.64	160.63	-9.23	-118.55
22285	8.63	-7.26	-9.50	993.61	150.38	-431.28	148.04	-29.28	-122.25
22286	7.48	-7.26	-9.50	982.27	160.42	-447.48	135.29	-43.45	-125.21
22287	6.33	-7.26	-9.50	971.04	170.88	-468.86	122.49	-53.49	-127.54
22288	5.18	-7.25	-9.50	959.40	181.53	-494.75	109.70	-60.89	-129.29
22289	4.03	-7.25	-9.50	946.82	192.14	-524.41	97.02	-66.85	-130.53
22290	2.88	-7.25	-9.50	932.81	202.54	-557.09	84.52	-72.32	-131.30
22291	1.73	-7.25	-9.50	916.93	212.60	-592.14	72.26	-77.97	-131.66
22292	0.58	-7.25	-9.50	898.79	222.22	-629.06	60.31	-84.24	-131.68
22293	18.78	-3.96	-10.50	1512.26	178.10	-376.67	151.37	476.31	-24.07
22294	17.57	-3.96	-10.50	1482.79	158.37	-385.18	158.18	374.54	-38.92
22295	16.36	-3.96	-10.50	1458.47	150.60	-388.11	158.75	277.44	-49.21
22296	15.15	-3.96	-10.50	1435.19	151.14	-387.79	155.29	191.35	-56.38
22297	13.94	-3.96	-10.50	1411.32	157.54	-386.90	149.26	119.28	-61.59
22298	12.73	-3.96	-10.50	1386.66	168.11	-387.94	141.55	61.78	-65.63
22299	11.51	-3.96	-10.50	1361.54	181.54	-392.78	132.73	17.87	-68.93
22300	10.30	-3.96	-10.50	1336.35	196.85	-402.50	123.20	-14.25	-71.72
22301	9.09	-3.96	-10.50	1311.41	213.27	-417.47	113.28	-36.72	-74.07
22302	7.88	-3.96	-10.50	1286.87	230.25	-437.54	103.20	-51.73	-76.01
22303	6.67	-3.95	-10.50	1262.72	247.35	-462.22	93.13	-61.33	-77.55
22304	5.45	-3.95	-10.50	1238.82	264.25	-490.81	83.20	-67.31	-78.70
22305	4.24	-3.95	-10.50	1214.90	280.73	-522.56	73.47	-71.16	-79.47
22306	3.03	-3.95	-10.50	1190.60	296.59	-556.72	64.00	-74.02	-79.87
22307	1.82	-3.95	-10.50	1165.53	311.71	-592.62	54.84	-76.74	-79.93
22308	0.61	-3.95	-10.50	1139.28	325.97	-629.77	46.00	-79.88	-79.68
22309	18.53	-5.08	-10.50	1472.68	162.32	-361.21	203.12	454.55	-26.16
22310	17.33	-5.08	-10.50	1440.79	149.90	-371.02	205.30	355.84	-44.73
22311	16.14	-5.08	-10.50	1416.03	146.63	-375.79	201.53	262.92	-57.41
22312	14.94	-5.08	-10.50	1393.62	149.61	-377.51	194.28	180.98	-65.99
22313	13.75	-5.07	-10.50	1371.43	157.01	-378.53	184.93	112.48	-71.98
22314	12.55	-5.07	-10.50	1348.89	167.58	-381.16	174.26	57.79	-76.42
22315	11.36	-5.07	-10.50	1326.09	180.37	-387.18	162.75	15.97	-79.92
22316	10.16	-5.07	-10.50	1303.27	194.65	-397.69	150.73	-14.65	-82.79
22317	8.97	-5.07	-10.50	1280.63	209.84	-413.10	138.48	-36.12	-85.13
22318	7.77	-5.06	-10.50	1258.24	225.51	-433.31	126.19	-50.50	-87.01
22319	6.58	-5.06	-10.50	1236.09	241.33	-457.91	114.01	-59.76	-88.45
22320	5.38	-5.06	-10.50	1213.99	257.02	-486.27	102.06	-65.59	-89.47
22321	4.18	-5.06	-10.50	1191.69	272.39	-517.69	90.39	-69.39	-90.11
22322	2.99	-5.06	-10.50	1168.87	287.28	-551.48	79.06	-72.25	-90.39
22323	1.79	-5.05	-10.50	1145.15	301.56	-587.05	68.11	-74.97	-90.35
22324	0.60	-5.05	-10.50	1120.18	315.12	-623.92	57.55	-78.11	-90.04
22325	18.21	-6.18	-10.50	1413.28	151.57	-343.84	256.64	426.44	-28.25
22326	17.04	-6.18	-10.50	1383.38	145.83	-355.68	251.19	332.55	-50.49
22327	15.86	-6.18	-10.50	1361.21	146.14	-362.67	241.62	245.28	-65.42
22328	14.69	-6.18	-10.50	1341.76	150.75	-367.04	229.86	168.66	-75.31
22329	13.51	-6.17	-10.50	1322.72	158.49	-370.33	216.93	104.58	-82.01
22330	12.34	-6.17	-10.50	1303.39	168.55	-374.85	203.29	53.34	-86.83
22331	11.16	-6.17	-10.50	1283.75	180.27	-382.31	189.23	14.11	-90.52
22332	9.99	-6.17	-10.50	1263.96	193.15	-393.80	174.99	-14.68	-93.41
22333	8.81	-6.17	-10.50	1244.15	206.80	-409.76	160.72	-34.94	-95.69
22334	7.64	-6.16	-10.50	1224.38	220.91	-430.18	146.56	-48.61	-97.44
22335	6.46	-6.16	-10.50	1204.58	235.21	-454.71	132.63	-57.50	-98.73
22336	5.29	-6.16	-10.50	1184.61	249.50	-482.80	119.00	-63.21	-99.62
22337	4.11	-6.16	-10.50	1164.23	263.59	-513.84	105.72	-67.02	-100.15
22338	2.94	-6.16	-10.50	1143.13	277.34	-547.21	92.83	-69.95	-100.35
22339	1.76	-6.15	-10.50	1121.00	290.63	-582.37	80.37	-72.76	-100.27
22340	0.59	-6.15	-10.50	1097.53	303.37	-618.92	68.36	-75.99	-99.97
22341	17.83	-7.26	-10.50	1335.07	149.11	-325.75	305.33	392.21	-32.13
22342	16.68	-7.26	-10.50	1312.25	147.44	-340.16	291.54	305.02	-57.18
22343	15.53	-7.26	-10.50	1295.84	149.62	-350.07	276.06	224.94	-73.91
22344	14.38	-7.26	-10.50	1281.38	154.61	-356.95	260.08	154.63	-84.74
22345	13.23	-7.26	-10.50	1266.77	161.90	-362.71	243.91	95.69	-92.00
22346	12.08	-7.26	-10.50	1251.53	170.88	-369.34	227.64	48.50	-97.15
22347	10.93	-7.26	-10.50	1235.73	181.08	-378.45	211.44	12.30	-100.93
22348	9.78	-7.26	-10.50	1219.47	192.25	-391.09	195.39	-14.35	-103.76
22349	8.63	-7.26	-10.50	1202.88	204.13	-407.74	179.54	-33.21	-105.86
22350	7.48	-7.26	-10.50	1186.02	216.48	-428.45	163.94	-46.08	-107.41
22351	6.33	-7.26	-10.50	1168.83	229.10	-452.93	148.66	-54.61	-108.52
22352	5.18	-7.25	-10.50	1151.19	241.83	-480.76	133.74	-60.22	-109.26
22353	4.03	-7.25	-10.50	1132.90	254.50	-511.39	119.21	-64.11	-109.69
22354	2.88	-7.25	-10.50	1113.71	266.99	-544.29	105.10	-67.19	-109.86
22355	1.73	-7.25	-10.50	1093.35	279.18	-579.00	91.46	-70.18	-109.81
22356	0.58	-7.25	-10.50	1071.55	290.98	-615.16	78.30	-73.57	-109.61
22357	23.24	-3.96	-9.50	1869.57	784.32	966.02	443.15	-2.52	559.83
22358	22.38	-3.96	-9.50	1810.93	665.57	366.77	146.36	280.21	303.54
22359	21.53	-3.96	-9.50	1603.56	490.40	-111.35	55.68	551.31	132.40
22360	20.67	-3.96	-9.50	1466.43	336.10	-299.51	70.21	614.40	52.42
22361	19.82	-3.96	-9.50	1374.52	230.55	-406.90	98.14	568.41	2.26
22362	23.02	-5.07	-9.50	1609.14	882.38	678.71	273.14	-351.85	431.03
22363	22.15	-5.07	-9.50	1735.11	756.65	343.84	101.92	227.26	325.96
22364	21.29	-5.08	-9.50	1607.42	471.84	-105.84	59.70	552.48	150.60
22365	20.42	-5.08	-9.50	1459.17	293.99	-288.62	106.31	605.60	63.35
22366	19.56	-5.08	-9.50	1346.95	199.17	-391.19	143.33	550.32	4.24
22367	22.75	-6.17	-9.50	1737.46	922.64	681.38	82.22	-331.95	277.39
22368	21.87	-6.18	-9.50	1812.89	737.45	348.49	-7.34	275.76	288.23
22369	20.99	-6.18	-9.50	1630.43	395.57	-102.15	86.86	572.20	167.90
22370	20.12	-6.18	-9.50	1427.68	236.43	-276.37	170.07	596.32	74.20
22371	19.24	-6.18	-9.50	1294.37	169.62	-372.79	199.20	527.21	5.78
22372	22.42	-7.26	-9.50	2266.19	924.01	950.10	-101.79	78.23	129.56
22373	21.53	-7.26	-9.50	1991.96	575.25	351.35	20.87	416.56	320.94
22374	20.64	-7.26	-9.50	1600.62	275.62	-107.87	199.68	595.78	192.75

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
22375	19.75	-7.26	-9.50	1346.14	189.17	-261.38	255.67	580.80	84.62
22376	18.86	-7.26	-9.50	1212.09	150.61	-352.60	256.59	497.04	5.58
22377	23.24	-3.96	-10.50	3569.56	1137.05	1351.63	193.65	504.40	526.68
22378	22.38	-3.96	-10.50	2320.47	720.19	2.41	56.63	596.64	262.19
22379	21.53	-3.96	-10.50	1850.27	482.86	-187.60	59.55	695.04	112.12
22380	20.67	-3.96	-10.50	1660.02	320.87	-300.69	96.37	669.06	43.22
22381	19.82	-3.96	-10.50	1562.20	224.68	-353.79	132.90	582.97	0.47
22382	23.02	-5.07	-10.50	3510.61	1315.44	1131.10	101.87	342.86	500.96
22383	22.15	-5.07	-10.50	2290.51	766.39	-29.60	17.39	564.55	275.84
22384	21.29	-5.08	-10.50	1849.63	454.57	-176.86	79.42	695.00	130.04
22385	20.42	-5.08	-10.50	1645.81	279.72	-286.11	145.88	658.70	56.30
22386	19.56	-5.08	-10.50	1530.37	196.66	-337.94	188.39	562.65	4.78
22387	22.75	-6.17	-10.50	3633.77	1343.21	1154.40	-84.48	412.71	372.76
22388	21.87	-6.18	-10.50	2347.39	714.69	-14.11	-26.16	618.04	260.34
22389	20.99	-6.18	-10.50	1846.67	373.22	-159.82	135.07	708.07	149.57
22390	20.12	-6.18	-10.50	1601.14	228.28	-267.28	222.36	642.72	73.00
22391	19.24	-6.18	-10.50	1472.34	172.51	-318.88	253.20	534.65	9.93
22392	22.42	-7.26	-10.50	3939.15	1204.54	1366.28	-99.06	719.15	348.48
22393	21.53	-7.26	-10.50	2398.64	534.92	25.99	82.87	729.82	297.13
22394	20.64	-7.26	-10.50	1770.69	264.68	-140.99	270.14	714.00	186.14
22395	19.75	-7.26	-10.50	1505.80	191.45	-244.57	315.53	613.63	91.10
22396	18.86	-7.26	-10.50	1384.66	159.76	-298.05	317.60	497.42	13.25
22397	-0.58	-7.25	-9.50	878.10	231.26	-667.55	48.77	-91.41	-131.44
22398	-0.59	-6.15	-9.50	900.98	243.89	-671.65	42.38	-93.99	-120.01
22399	-0.60	-5.05	-9.50	920.87	255.78	-677.20	35.47	-96.34	-107.96
22400	-0.61	-3.95	-9.50	937.58	266.60	-683.75	28.13	-98.36	-95.19
22401	-1.73	-7.25	-9.50	854.66	239.69	-707.55	37.72	-99.75	-131.05
22402	-1.76	-6.15	-9.50	876.02	252.74	-711.60	32.32	-102.33	-119.38
22403	-1.79	-5.05	-9.50	894.61	265.03	-717.09	26.65	-104.76	-107.21
22404	-1.82	-3.95	-9.50	910.25	276.20	-723.59	20.75	-106.92	-94.41
22405	-2.88	-7.25	-9.50	828.46	247.48	-749.21	27.27	-109.37	-130.63
22406	-2.94	-6.16	-9.50	848.18	260.75	-753.04	22.80	-111.95	-118.64
22407	-2.99	-5.06	-9.50	865.34	273.26	-758.29	18.29	-114.44	-106.27
22408	-3.03	-3.95	-9.50	879.82	284.62	-764.57	13.76	-116.73	-93.39
22409	-4.03	-7.25	-9.50	799.61	254.62	-792.95	17.54	-120.46	-130.38
22410	-4.11	-6.16	-9.50	817.52	267.91	-796.40	13.94	-122.98	-117.94
22411	-4.18	-5.06	-9.50	833.12	280.45	-801.27	10.51	-125.48	-105.28
22412	-4.24	-3.95	-9.50	846.31	291.85	-807.19	7.25	-127.85	-92.24
22413	-5.18	-7.25	-9.50	768.38	261.11	-839.36	8.66	-133.28	-130.50
22414	-5.29	-6.16	-9.50	784.31	274.22	-842.39	5.86	-135.67	-117.49
22415	-5.38	-5.06	-9.50	798.21	286.61	-846.79	3.42	-138.12	-104.41
22416	-5.45	-3.95	-9.50	809.98	297.89	-852.26	1.31	-140.51	-91.11
22417	-6.33	-7.26	-9.50	735.23	267.00	-889.23	0.79	-148.26	-131.28
22418	-6.46	-6.16	-9.50	749.01	279.73	-891.91	-1.30	-150.46	-117.53
22419	-6.58	-5.06	-9.50	761.06	291.79	-895.86	-2.86	-152.78	-103.88
22420	-6.67	-3.95	-9.50	771.29	302.78	-900.89	-3.95	-155.11	-90.16
22421	-7.48	-7.26	-9.50	700.79	272.37	-943.38	-5.93	-166.06	-133.04
22422	-7.64	-6.16	-9.50	712.32	284.54	-945.97	-7.39	-168.01	-118.36
22423	-7.77	-5.06	-9.50	722.41	296.08	-949.66	-8.20	-170.14	-103.95
22424	-7.88	-3.96	-9.50	731.00	306.61	-954.37	-8.43	-172.36	-89.62
22425	-8.63	-7.26	-9.50	665.88	277.33	-1002.49	-11.38	-187.64	-136.18
22426	-8.81	-6.17	-9.50	675.11	288.78	-1005.48	-12.30	-189.34	-120.34
22427	-8.97	-5.07	-9.50	683.20	299.64	-1009.32	-12.50	-191.28	-104.93
22428	-9.09	-3.96	-9.50	690.11	309.56	-1014.03	-12.04	-193.36	-89.75
22429	-9.78	-7.26	-9.50	631.36	282.06	-1066.81	-15.56	-214.32	-141.12
22430	-9.99	-6.17	-9.50	638.39	292.66	-1070.98	-16.00	-215.92	-123.89
22431	-10.16	-5.07	-9.50	644.55	302.70	-1075.61	-15.71	-217.73	-107.21
22432	-10.30	-3.96	-9.50	649.84	311.88	-1080.83	-14.73	-219.71	-90.86
22433	-10.93	-7.26	-9.50	598.05	286.73	-1135.65	-18.62	-247.86	-148.32
22434	-11.16	-6.17	-9.50	603.11	296.43	-1142.05	-18.61	-249.63	-129.47
22435	-11.36	-5.07	-9.50	607.55	305.58	-1148.37	-17.91	-251.53	-111.20
22436	-11.51	-3.96	-9.50	611.41	313.94	-1154.85	-16.54	-253.56	-93.30
22437	-12.08	-7.26	-9.50	566.29	291.50	-1206.70	-21.03	-290.23	-158.20
22438	-12.34	-6.17	-9.50	569.80	300.37	-1216.53	-20.51	-292.73	-137.54
22439	-12.55	-5.07	-9.50	572.90	308.67	-1225.64	-19.40	-295.14	-117.34
22440	-12.73	-3.96	-9.50	575.62	316.21	-1234.27	-17.71	-297.56	-97.46
22441	-13.23	-7.26	-9.50	535.48	296.43	-1275.26	-23.66	-343.18	-170.94
22442	-13.51	-6.17	-9.50	537.91	304.72	-1289.58	-22.47	-347.23	-148.33
22443	-13.75	-5.07	-9.50	540.10	312.37	-1302.47	-20.83	-350.88	-125.87
22444	-13.94	-3.96	-9.50	542.06	319.26	-1314.13	-18.75	-354.31	-103.53
22445	-14.38	-7.26	-9.50	503.48	301.46	-1333.78	-27.81	-406.84	-186.04
22446	-14.69	-6.18	-9.50	505.12	309.63	-1352.98	-25.72	-413.58	-161.40
22447	-14.94	-5.08	-9.50	506.66	317.03	-1370.10	-23.29	-419.56	-136.47
22448	-15.15	-3.96	-9.50	508.11	323.60	-1385.22	-20.57	-424.92	-111.30
22449	-15.53	-7.26	-9.50	466.75	306.51	-1372.64	-34.97	-478.07	-201.63
22450	-15.86	-6.18	-9.50	467.32	315.13	-1395.85	-31.73	-488.75	-175.06
22451	-16.14	-5.08	-9.50	467.98	322.82	-1416.51	-28.15	-498.24	-147.69
22452	-16.36	-3.96	-9.50	468.71	329.55	-1434.59	-24.31	-506.53	-119.63
22453	-16.68	-7.26	-9.50	421.40	311.54	-1382.44	-46.21	-549.54	-214.22
22454	-17.04	-6.18	-9.50	419.89	321.13	-1407.25	-41.58	-564.76	-186.16
22455	-17.33	-5.08	-9.50	418.75	329.68	-1429.36	-36.43	-578.23	-156.78
22456	-17.57	-3.96	-9.50	417.98	337.11	-1448.68	-30.87	-589.91	-126.24
22457	-17.83	-7.26	-9.50	365.15	316.61	-1357.48	-61.43	-610.06	-219.63
22458	-18.21	-6.18	-9.50	360.16	327.61	-1380.43	-55.21	-628.67	-190.66
22459	-18.53	-5.08	-9.50	355.90	337.44	-1400.95	-48.10	-645.17	-160.08
22460	-18.78	-3.96	-9.50	352.49	345.97	-1418.93	-40.25	-659.37	-128.07
22461	-0.58	-7.25	-10.50	1048.06	302.27	-652.59	65.67	-77.71	-109.35
22462	-0.59	-6.15	-10.50	1072.39	315.42	-656.60	56.86	-79.98	-99.53
22463	-0.60	-5.05	-10.50	1093.58	327.86	-661.82	47.45	-82.05	-89.53
22464	-0.61	-3.95	-10.50	1111.47	339.29	-667.85	37.52	-83.85	-79.19
22465	-1.73	-7.25	-10.50	1022.70	312.99	-691.23	53.61	-82.96	-109.15
22466	-1.76	-6.15	-10.50	1045.35	326.73	-695.35	45.91	-85.04	-99.05
22467	-1.79	-5.05	-10.50	1065.11	339.70	-700.66	37.83	-87.02	-88.90
22468	-1.82	-3.95	-10.50	1081.82	351.59	-706.75	29.44	-88.81	-78.51
22469	-2.88	-7.25	-10.50	995.36	323.09	-731.25	42.16	-89.55	-109.15
22470	-2.94	-6.16	-10.50	1016.32	337.25	-735.35	35.52	-91.39	-98.66
22471	-2.99	-5.06	-10.50	1034.60	350.61	-740.60	28.71	-93.24	-88.26
22472	-3.03	-3.95	-10.50	1050.09	362.81	-746.63	21.78	-95.00	-77.74
22473	-4.03	-7.25	-10.50	966.04	332.53	-772.94	31.39	-97.77	-109.53

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
22474	-4.11	-6.16	-10.50	985.22	346.95	-776.93	25.75	-99.33	-98.52
22475	-4.18	-5.06	-10.50	1001.98	360.54	-782.02	20.14	-100.99	-87.75
22476	-4.24	-3.95	-10.50	1016.20	372.93	-787.89	14.59	-102.66	-77.00
22477	-5.18	-7.25	-10.50	934.82	341.27	-816.79	21.36	-108.03	-110.53
22478	-5.29	-6.16	-10.50	952.14	355.79	-820.64	16.66	-109.24	-98.85
22479	-5.38	-5.06	-10.50	967.28	369.45	-825.52	12.18	-110.65	-87.55
22480	-5.45	-3.95	-10.50	980.15	381.90	-831.16	7.91	-112.17	-76.43
22481	-6.33	-7.26	-10.50	901.87	349.27	-863.35	12.13	-120.89	-112.40
22482	-6.46	-6.16	-10.50	917.24	363.74	-867.15	8.34	-121.71	-99.89
22483	-6.58	-5.06	-10.50	930.68	377.34	-871.87	4.90	-122.81	-87.89
22484	-6.67	-3.95	-10.50	942.14	389.71	-877.30	1.81	-124.12	-76.21
22485	-7.48	-7.26	-10.50	867.47	356.53	-913.20	3.77	-137.12	-115.47
22486	-7.64	-6.16	-10.50	880.81	370.81	-917.19	0.82	-137.55	-101.92
22487	-7.77	-5.06	-10.50	892.49	384.22	-921.92	-1.65	-138.33	-89.02
22488	-7.88	-3.96	-10.50	902.47	396.38	-927.27	-3.67	-139.40	-76.57
22489	-8.63	-7.26	-10.50	831.94	363.03	-966.73	-3.73	-157.73	-120.02
22490	-8.81	-6.17	-10.50	843.22	377.03	-971.34	-5.87	-157.89	-105.25
22491	-8.97	-5.07	-10.50	853.11	390.11	-976.44	-7.45	-158.42	-91.22
22492	-9.09	-3.96	-10.50	861.58	401.95	-981.99	-8.52	-159.29	-77.73
22493	-9.78	-7.26	-10.50	795.57	368.81	-1023.90	-10.44	-183.98	-126.37
22494	-9.99	-6.17	-10.50	804.83	382.42	-1029.79	-11.79	-184.12	-110.17
22495	-10.16	-5.07	-10.50	812.96	395.09	-1035.81	-12.55	-184.59	-94.76
22496	-10.30	-3.96	-10.50	819.95	406.52	-1042.00	-12.75	-185.40	-79.95
22497	-10.93	-7.26	-10.50	758.44	373.85	-1083.86	-16.63	-217.28	-134.70
22498	-11.16	-6.17	-10.50	765.81	387.06	-1091.87	-17.16	-217.86	-116.95
22499	-11.36	-5.07	-10.50	772.30	399.26	-1099.56	-17.10	-218.63	-99.93
22500	-11.51	-3.96	-10.50	777.92	410.20	-1107.01	-16.48	-219.66	-83.45
22501	-12.08	-7.26	-10.50	720.24	378.10	-1144.54	-22.75	-258.93	-145.09
22502	-12.34	-6.17	-10.50	725.90	390.95	-1155.59	-22.39	-260.65	-125.72
22503	-12.55	-5.07	-10.50	730.93	402.71	-1165.76	-21.45	-262.28	-106.86
22504	-12.73	-3.96	-10.50	735.33	413.20	-1175.16	-19.98	-263.98	-88.39
22505	-13.23	-7.26	-10.50	679.95	381.45	-1202.30	-29.54	-309.57	-157.27
22506	-13.51	-6.17	-10.50	684.07	394.10	-1217.06	-28.12	-313.27	-136.30
22507	-13.75	-5.07	-10.50	687.77	405.57	-1230.36	-26.15	-316.54	-115.45
22508	-13.94	-3.96	-10.50	691.05	415.71	-1242.29	-23.68	-319.58	-94.68
22509	-14.38	-7.26	-10.50	635.81	383.76	-1251.87	-37.80	-368.19	-170.48
22510	-14.69	-6.18	-10.50	638.28	396.47	-1270.40	-35.13	-374.77	-147.93
22511	-14.94	-5.08	-10.50	640.57	407.90	-1286.99	-31.90	-380.58	-125.00
22512	-15.15	-3.96	-10.50	642.67	417.91	-1301.62	-28.19	-385.76	-101.78
22513	-15.53	-7.26	-10.50	585.49	385.06	-1287.02	-48.22	-431.08	-182.93
22514	-15.86	-6.18	-10.50	585.80	398.12	-1308.49	-44.15	-441.34	-158.91
22515	-16.14	-5.08	-10.50	586.22	409.79	-1327.67	-39.41	-450.45	-134.06
22516	-16.36	-3.96	-10.50	586.78	419.94	-1344.46	-34.11	-458.43	-108.48
22517	-16.68	-7.26	-10.50	526.95	385.54	-1302.07	-61.12	-491.67	-191.81
22518	-17.04	-6.18	-10.50	524.20	399.15	-1324.66	-55.52	-505.75	-166.71
22519	-17.33	-5.08	-10.50	521.94	411.32	-1344.84	-49.00	-518.25	-140.36
22520	-17.57	-3.96	-10.50	520.25	421.86	-1362.48	-41.73	-529.09	-112.90
22521	-17.83	-7.26	-10.50	459.50	385.52	-1293.69	-76.06	-541.27	-194.11
22522	-18.21	-6.18	-10.50	452.73	399.81	-1315.01	-68.79	-557.91	-168.40
22523	-18.53	-5.08	-10.50	446.91	412.61	-1334.08	-60.28	-572.71	-141.26
22524	-18.78	-3.96	-10.50	442.21	423.69	-1350.78	-50.71	-585.48	-112.84
22525	-19.82	-3.96	-9.50	262.71	357.37	-1330.93	-52.70	-697.01	-120.62
22526	-20.67	-3.96	-9.50	161.13	370.90	-1194.91	-64.93	-668.89	-98.06
22527	-21.53	-3.96	-9.50	78.78	384.69	-1052.46	-71.58	-563.02	-63.61
22528	-22.38	-3.96	-9.50	27.29	398.21	-934.98	-71.51	-393.50	-21.91
22529	-23.24	-3.96	-9.50	8.37	410.68	-866.33	-65.41	-159.62	25.51
22530	-19.56	-5.08	-9.50	268.85	347.62	-1315.94	-63.81	-682.90	-152.11
22531	-20.42	-5.08	-9.50	168.95	360.24	-1183.00	-79.55	-657.69	-125.22
22532	-21.29	-5.08	-9.50	87.05	373.89	-1043.09	-88.50	-555.92	-83.13
22533	-22.15	-5.07	-9.50	34.92	388.01	-927.41	-89.12	-390.82	-31.64
22534	-23.02	-5.07	-9.50	14.56	401.45	-859.92	-82.12	-161.28	27.37
22535	-19.24	-6.18	-9.50	276.32	336.31	-1298.99	-73.87	-666.46	-182.26
22536	-20.12	-6.18	-9.50	178.44	347.77	-1169.69	-92.95	-644.68	-151.42
22537	-20.99	-6.18	-9.50	97.15	361.22	-1032.71	-104.13	-547.71	-102.12
22538	-21.87	-6.18	-9.50	44.19	376.01	-919.10	-105.58	-387.76	-41.16
22539	-22.75	-6.17	-9.50	22.28	390.69	-852.91	-97.99	-163.28	29.17
22540	-18.86	-7.26	-9.50	284.94	323.67	-1280.11	-82.70	-647.85	-210.93
22541	-19.75	-7.26	-9.50	189.38	333.70	-1155.00	-105.00	-629.95	-176.61
22542	-20.64	-7.26	-9.50	108.91	346.77	-1021.36	-118.44	-538.40	-120.63
22543	-21.53	-7.26	-9.50	55.22	362.48	-910.04	-120.66	-384.20	-50.51
22544	-22.42	-7.26	-9.50	31.11	378.55	-845.41	-112.90	-165.60	30.94
22545	-19.82	-3.96	-10.50	342.43	425.99	-1300.52	-61.33	-614.09	-104.76
22546	-20.67	-3.96	-10.50	229.61	428.83	-1216.47	-71.28	-588.22	-84.14
22547	-21.53	-3.96	-10.50	130.16	432.10	-1124.13	-76.66	-495.97	-53.54
22548	-22.38	-3.96	-10.50	55.04	435.32	-1051.53	-76.30	-345.72	-16.24
22549	-23.24	-3.96	-10.50	17.08	436.81	-1040.77	-69.08	-139.27	26.17
22550	-19.56	-5.08	-10.50	349.73	414.41	-1285.99	-73.87	-601.65	-132.40
22551	-20.42	-5.08	-10.50	238.19	416.98	-1204.31	-86.94	-578.42	-107.83
22552	-21.29	-5.08	-10.50	139.00	420.53	-1113.97	-94.46	-489.83	-70.49
22553	-22.15	-5.07	-10.50	63.18	424.56	-1042.84	-94.92	-343.57	-24.47
22554	-23.02	-5.07	-10.50	23.63	427.34	-1033.00	-86.71	-140.99	28.21
22555	-19.24	-6.18	-10.50	358.61	400.97	-1269.50	-85.14	-587.18	-158.89
22556	-20.12	-6.18	-10.50	248.65	403.11	-1190.63	-101.28	-567.04	-130.73
22557	-20.99	-6.18	-10.50	149.83	406.95	-1102.63	-110.96	-482.70	-87.02
22558	-21.87	-6.18	-10.50	73.12	411.92	-1033.20	-112.39	-341.07	-32.57
22559	-22.75	-6.17	-10.50	31.82	416.26	-1024.39	-103.52	-143.02	30.16
22560	-18.86	-7.26	-10.50	368.87	385.95	-1251.13	-94.94	-570.82	-184.13
22561	-19.75	-7.26	-10.50	260.73	387.52	-1175.50	-114.14	-554.17	-152.79
22562	-20.64	-7.26	-10.50	162.49	391.50	-1090.18	-126.08	-474.60	-103.19
22563	-21.53	-7.26	-10.50	84.99	397.69	-1022.66	-128.47	-338.11	-40.61
22564	-22.42	-7.26	-10.50	41.22	403.76	-1015.14	-119.38	-145.33	31.97
22565	0.56	-8.10	-9.50	878.10	212.60	-627.16	65.44	-82.15	-140.07
22566	0.56	-8.70	-9.50	862.35	205.85	-626.77	68.69	-80.64	-145.81
22567	1.69	-8.10	-9.50	895.10	203.66	-590.50	77.99	-75.82	-139.90
22568	1.67	-8.70	-9.50	878.47	197.39	-590.31	81.56	-74.22	-145.50
22569	2.82	-8.10	-9.50	909.84	194.42	-555.78	90.87	-70.09	-139.45
22570	2.78	-8.70	-9.50	892.36	188.73	-555.84	94.75	-68.39	-144.97
22571	3.95	-8.10	-9.50	922.66	184.98	-523.43	104.00	-64.53	-138.66
22572	3.89	-8.70	-9.50	904.28	179.98	-523.74	108.18	-62.72	-144.15

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
22573	5.08	-8.10	-9.50	933.93	175.47	-494.03	117.30	-58.51	-137.46
22574	5.00	-8.70	-9.50	914.59	171.25	-494.53	121.79	-56.63	-142.98
22575	6.21	-8.10	-9.50	944.09	166.05	-468.24	130.71	-51.18	-135.80
22576	6.11	-8.70	-9.50	923.67	162.71	-468.78	135.49	-49.32	-141.41
22577	7.34	-8.10	-9.50	953.61	156.92	-446.71	144.15	-41.43	-133.63
22578	7.22	-8.70	-9.50	931.94	154.52	-447.10	149.24	-39.74	-139.38
22579	8.47	-8.10	-9.50	962.94	148.30	-430.01	157.57	-27.89	-130.88
22580	8.34	-8.70	-9.50	939.81	146.90	-429.98	162.97	-26.64	-136.83
22581	9.60	-8.10	-9.50	972.52	140.42	-418.46	170.91	-9.00	-127.44
22582	9.45	-8.70	-9.50	947.66	140.10	-417.68	176.64	-8.57	-133.71
22583	10.73	-8.10	-9.50	982.78	133.57	-411.94	184.12	17.01	-123.09
22584	10.56	-8.70	-9.50	955.81	134.24	-410.06	190.33	15.96	-129.65
22585	11.85	-8.10	-9.50	994.03	128.15	-409.71	197.20	52.04	-117.73
22586	11.67	-8.70	-9.50	964.63	129.75	-406.34	204.00	48.96	-124.32
22587	12.98	-8.10	-9.50	1006.47	124.27	-410.18	210.42	97.50	-111.00
22588	12.78	-8.70	-9.50	974.32	126.81	-404.98	217.94	91.92	-117.92
22589	14.11	-8.10	-9.50	1020.35	122.26	-410.82	223.84	154.28	-102.32
22590	13.89	-8.70	-9.50	984.61	124.92	-403.73	232.57	144.82	-108.61
22591	15.24	-8.10	-9.50	1035.84	122.96	-408.31	238.02	221.65	-90.81
22592	15.00	-8.70	-9.50	996.05	125.95	-399.24	247.75	209.36	-97.26
22593	16.37	-8.10	-9.50	1054.49	126.09	-399.21	254.08	296.54	-73.43
22594	16.11	-8.70	-9.50	1009.13	129.22	-388.51	265.50	279.40	-80.57
22595	17.50	-8.10	-9.50	1079.98	131.95	-380.27	271.65	376.01	-46.79
22596	17.23	-8.70	-9.50	1026.46	134.31	-368.84	286.11	353.55	-53.04
22597	0.56	-8.10	-10.50	1049.47	281.06	-613.26	85.32	-71.58	-117.07
22598	0.56	-8.70	-10.50	1032.67	274.06	-612.69	89.79	-70.13	-122.32
22599	1.69	-8.10	-10.50	1069.85	270.05	-577.41	99.17	-68.00	-117.11
22600	1.67	-8.70	-10.50	1051.98	263.62	-577.11	104.02	-66.37	-122.21
22601	2.82	-8.10	-10.50	1088.74	258.77	-543.08	113.52	-64.84	-117.08
22602	2.78	-8.70	-10.50	1069.76	253.00	-543.07	118.74	-63.03	-122.11
22603	3.95	-8.10	-10.50	1106.35	247.33	-510.57	128.35	-61.59	-116.91
22604	3.89	-8.70	-10.50	1086.19	242.30	-510.85	133.93	-59.63	-121.92
22605	5.08	-8.10	-10.50	1122.91	235.82	-480.27	143.61	-57.62	-116.55
22606	5.00	-8.70	-10.50	1101.47	231.63	-480.79	149.56	-55.55	-121.60
22607	6.21	-8.10	-10.50	1138.63	224.37	-452.65	159.27	-52.06	-115.94
22608	6.11	-8.70	-10.50	1115.77	221.10	-453.31	165.60	-50.00	-121.09
22609	7.34	-8.10	-10.50	1153.67	213.13	-428.16	175.32	-43.83	-115.01
22610	7.22	-8.70	-10.50	1129.24	210.85	-428.80	182.03	-41.95	-120.31
22611	8.47	-8.10	-10.50	1168.13	202.25	-407.18	191.73	-31.62	-113.70
22612	8.34	-8.70	-10.50	1141.93	201.02	-407.59	198.83	-30.20	-119.20
22613	9.60	-8.10	-10.50	1182.01	191.88	-389.91	208.51	-13.96	-111.86
22614	9.45	-8.70	-10.50	1153.83	191.78	-389.81	216.03	-13.40	-117.65
22615	10.73	-8.10	-10.50	1195.27	182.18	-376.26	225.63	10.77	-109.19
22616	10.56	-8.70	-10.50	1164.79	183.15	-375.37	233.72	9.80	-115.22
22617	11.85	-8.10	-10.50	1207.77	173.44	-365.72	243.10	44.33	-105.46
22618	11.67	-8.70	-10.50	1174.77	175.48	-363.74	251.85	41.25	-111.46
22619	12.98	-8.10	-10.50	1219.32	165.67	-357.34	261.06	87.93	-100.15
22620	12.78	-8.70	-10.50	1183.67	168.90	-353.99	270.61	82.27	-106.40
22621	14.11	-8.10	-10.50	1229.91	159.10	-349.57	279.29	142.43	-92.47
22622	13.89	-8.70	-10.50	1190.92	162.79	-344.83	290.12	132.74	-98.03
22623	15.24	-8.10	-10.50	1239.50	154.70	-340.50	297.79	207.47	-81.40
22624	15.00	-8.70	-10.50	1196.93	159.18	-334.18	309.70	194.67	-87.08
22625	16.37	-8.10	-10.50	1249.70	152.37	-328.39	317.19	280.91	-63.98
22626	16.11	-8.70	-10.50	1202.16	157.63	-320.50	330.87	262.73	-70.30
22627	17.50	-8.10	-10.50	1264.28	152.64	-311.83	336.65	361.46	-37.00
22628	17.23	-8.70	-10.50	1209.16	157.77	-302.59	353.48	336.89	-42.39
22629	22.14	-8.10	-9.50	2873.99	849.71	1270.88	82.51	603.69	346.88
22630	21.23	-8.10	-9.50	2012.22	368.12	290.64	247.24	514.85	401.95
22631	20.33	-8.10	-9.50	1499.23	205.74	-109.84	325.54	607.63	210.95
22632	19.42	-8.10	-9.50	1247.14	170.13	-248.38	321.30	561.04	92.74
22633	18.52	-8.10	-9.50	1131.48	144.75	-336.31	295.44	468.64	2.79
22634	21.91	-8.70	-9.50	2833.77	883.54	1292.82	701.60	805.60	794.46
22635	20.99	-8.70	-9.50	1838.67	268.51	218.45	415.84	557.19	415.32
22636	20.07	-8.70	-9.50	1364.63	201.66	-105.14	405.83	602.95	229.22
22637	19.16	-8.70	-9.50	1156.77	168.06	-239.67	356.69	539.94	92.64
22638	18.24	-8.70	-9.50	1065.49	146.16	-324.79	316.51	444.71	-1.52
22639	22.14	-8.10	-10.50	4137.78	1048.11	1505.46	246.05	1003.61	558.51
22640	21.23	-8.10	-10.50	2263.44	326.52	39.71	359.08	799.34	382.43
22641	20.33	-8.10	-10.50	1637.55	217.43	-124.07	395.31	698.66	218.68
22642	19.42	-8.10	-10.50	1397.73	178.67	-225.62	384.92	580.51	103.75
22643	18.52	-8.10	-10.50	1300.44	159.21	-281.47	360.69	462.89	12.67
22644	21.91	-8.70	-10.50	3541.45	1003.08	1419.51	1043.81	1096.48	939.69
22645	20.99	-8.70	-10.50	2008.17	271.72	39.68	500.02	795.80	401.59
22646	20.07	-8.70	-10.50	1488.44	218.90	-110.83	475.28	667.34	247.85
22647	19.16	-8.70	-10.50	1302.74	181.11	-212.93	422.19	550.09	104.44
22648	18.24	-8.70	-10.50	1232.50	164.34	-270.04	384.10	434.48	9.82
22649	-0.56	-8.10	-9.50	858.61	221.14	-665.51	53.30	-89.38	-140.04
22650	-1.69	-8.10	-9.50	836.47	229.22	-705.51	41.67	-97.75	-139.93
22651	-2.82	-8.10	-9.50	811.67	236.83	-747.31	30.67	-107.42	-139.88
22652	-3.95	-8.10	-9.50	784.35	243.95	-791.27	20.42	-118.59	-140.09
22653	-5.08	-8.10	-9.50	754.81	250.59	-837.93	11.06	-131.54	-140.80
22654	-6.21	-8.10	-9.50	723.48	256.79	-887.95	2.74	-146.70	-142.29
22655	-7.34	-8.10	-9.50	690.95	262.60	-942.01	-4.37	-164.70	-144.91
22656	-8.47	-8.10	-9.50	657.98	268.13	-1000.57	-10.20	-186.46	-149.07
22657	-9.60	-8.10	-9.50	625.33	273.49	-1063.67	-14.75	-213.20	-155.21
22658	-10.73	-8.10	-9.50	593.67	278.82	-1130.39	-18.21	-246.48	-163.74
22659	-11.85	-8.10	-9.50	563.27	284.15	-1198.34	-21.10	-288.10	-175.01
22660	-12.98	-8.10	-9.50	533.44	289.44	-1262.98	-24.33	-339.51	-189.02
22661	-14.11	-8.10	-9.50	502.13	294.46	-1317.37	-29.25	-400.85	-205.30
22662	-15.24	-8.10	-9.50	466.31	299.07	-1352.90	-37.33	-468.88	-222.16
22663	-16.37	-8.10	-9.50	422.78	303.24	-1361.40	-49.55	-536.41	-235.69
22664	-17.50	-8.10	-9.50	369.48	307.23	-1338.00	-65.77	-593.99	-241.39
22665	-0.56	-8.70	-9.50	843.83	214.02	-664.98	56.26	-87.91	-145.97
22666	-1.67	-8.70	-9.50	822.61	221.84	-704.94	44.37	-96.34	-146.09
22667	-2.78	-8.70	-9.50	798.86	229.33	-746.78	33.08	-106.07	-146.37
22668	-3.89	-8.70	-9.50	772.72	236.44	-790.82	22.55	-117.33	-146.98
22669	-5.00	-8.70	-9.50	744.46	243.18	-837.55	12.93	-130.39	-148.17
22670	-6.11	-8.70	-9.50	714.51	249.58	-887.54	4.38	-145.69	-150.23
22671	-7.22	-8.70	-9.50	683.44	255.69	-941.35	-2.98	-163.85	-153.53

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
22672	-8.34	-8.70	-9.50	651.93	261.60	-999.30	-9.05	-185.73	-158.46
22673	-9.45	-8.70	-9.50	620.70	267.37	-1061.26	-13.87	-212.48	-165.49
22674	-10.56	-8.70	-9.50	590.29	273.11	-1126.17	-17.64	-245.48	-175.00
22675	-11.67	-8.70	-9.50	560.92	278.74	-1191.58	-20.98	-286.36	-187.17
22676	-12.78	-8.70	-9.50	531.98	284.15	-1253.12	-24.66	-336.47	-202.05
22677	-13.89	-8.70	-9.50	501.34	289.11	-1304.39	-30.02	-395.64	-218.57
22678	-15.00	-8.70	-9.50	466.00	293.38	-1337.49	-38.76	-461.84	-236.21
22679	-16.11	-8.70	-9.50	423.95	296.83	-1345.02	-51.70	-526.25	-250.62
22680	-17.23	-8.70	-9.50	373.01	299.95	-1322.80	-68.36	-581.15	-256.32
22681	-0.56	-8.10	-10.50	1027.38	291.71	-650.44	72.00	-75.93	-117.04
22682	-1.69	-8.10	-10.50	1003.43	301.92	-688.96	59.28	-81.38	-117.14
22683	-2.82	-8.10	-10.50	977.52	311.66	-728.93	47.19	-88.19	-117.55
22684	-3.95	-8.10	-10.50	949.70	320.87	-770.64	35.78	-96.68	-118.45
22685	-5.08	-8.10	-10.50	920.06	329.50	-814.50	25.13	-107.25	-120.09
22686	-6.21	-8.10	-10.50	888.77	337.50	-860.97	15.31	-120.44	-122.73
22687	-7.34	-8.10	-10.50	856.08	344.86	-910.51	6.36	-136.99	-126.70
22688	-8.47	-8.10	-10.50	822.29	351.55	-963.34	-1.72	-157.81	-132.29
22689	-9.60	-8.10	-10.50	787.63	357.56	-1019.24	-9.03	-184.01	-139.79
22690	-10.73	-8.10	-10.50	752.11	362.83	-1077.24	-15.86	-216.81	-149.33
22691	-11.85	-8.10	-10.50	715.40	367.27	-1135.24	-22.71	-257.36	-160.87
22692	-12.98	-8.10	-10.50	676.52	370.71	-1189.79	-30.29	-306.15	-174.04
22693	-14.11	-8.10	-10.50	633.76	372.88	-1236.16	-39.49	-362.29	-188.08
22694	-15.24	-8.10	-10.50	585.25	373.83	-1268.86	-50.97	-422.22	-201.47
22695	-16.37	-8.10	-10.50	529.35	373.83	-1282.97	-64.93	-479.51	-211.03
22696	-17.50	-8.10	-10.50	465.33	373.33	-1275.64	-80.94	-526.87	-213.44
22697	-0.56	-8.70	-10.50	1011.70	284.23	-649.65	76.12	-74.64	-122.49
22698	-1.67	-8.70	-10.50	988.75	294.06	-688.03	63.08	-80.28	-122.85
22699	-2.78	-8.70	-10.50	963.93	303.52	-727.90	50.63	-87.30	-123.61
22700	-3.89	-8.70	-10.50	937.24	312.54	-769.54	38.87	-96.01	-124.94
22701	-5.00	-8.70	-10.50	908.80	321.06	-813.30	27.87	-106.82	-127.08
22702	-6.11	-8.70	-10.50	878.76	329.04	-859.58	17.70	-120.26	-130.32
22703	-7.22	-8.70	-10.50	847.38	336.45	-908.72	8.39	-137.03	-134.96
22704	-8.34	-8.70	-10.50	814.91	343.22	-960.85	-0.07	-157.97	-141.30
22705	-9.45	-8.70	-10.50	781.55	349.33	-1015.63	-7.80	-184.10	-149.61
22706	-10.56	-8.70	-10.50	747.28	354.73	-1071.99	-15.07	-216.44	-159.99
22707	-11.67	-8.70	-10.50	711.70	359.20	-1127.84	-22.50	-255.99	-172.23
22708	-12.78	-8.70	-10.50	674.08	362.61	-1179.89	-30.61	-303.25	-186.02
22709	-13.89	-8.70	-10.50	632.52	364.69	-1223.84	-40.29	-357.17	-200.11
22710	-15.00	-8.70	-10.50	585.02	365.40	-1254.76	-52.50	-415.43	-214.08
22711	-16.11	-8.70	-10.50	531.28	364.95	-1268.13	-67.27	-470.11	-224.37
22712	-17.23	-8.70	-10.50	470.04	364.02	-1261.55	-83.79	-515.32	-226.70
22713	-18.34	-8.10	-9.50	292.37	313.03	-1264.10	-88.80	-631.89	-232.25
22714	-19.45	-8.10	-9.50	198.77	321.94	-1142.63	-113.52	-617.37	-195.37
22715	-20.56	-8.10	-9.50	119.02	334.53	-1011.89	-128.83	-530.52	-134.53
22716	-21.67	-8.10	-9.50	65.04	350.93	-902.51	-131.61	-381.09	-57.51
22717	-22.78	-8.10	-9.50	39.25	368.81	-839.15	-123.05	-167.40	32.96
22718	-18.24	-8.70	-9.50	298.14	304.78	-1251.62	-92.53	-619.34	-247.08
22719	-19.35	-8.70	-9.50	206.08	312.79	-1133.04	-119.01	-607.51	-208.77
22720	-20.46	-8.70	-9.50	126.83	325.16	-1004.61	-135.71	-524.36	-144.59
22721	-21.57	-8.70	-9.50	72.51	341.46	-896.87	-139.47	-378.76	-63.17
22722	-22.68	-8.70	-9.50	47.07	361.42	-834.26	-129.84	-168.09	34.51
22723	-18.52	-8.10	-10.50	377.72	373.27	-1235.57	-101.59	-556.80	-202.92
22724	-19.63	-8.10	-10.50	271.12	374.43	-1162.75	-123.14	-543.18	-169.23
22725	-20.74	-8.10	-10.50	173.35	378.39	-1079.78	-137.04	-467.71	-115.34
22726	-21.85	-8.10	-10.50	95.54	385.50	-1013.93	-140.18	-335.49	-46.64
22727	-22.96	-8.10	-10.50	49.91	393.72	-1007.47	-130.21	-147.09	33.93
22728	-18.24	-8.70	-10.50	384.62	363.55	-1223.46	-105.63	-545.75	-215.99
22729	-19.35	-8.70	-10.50	279.25	364.33	-1152.89	-128.95	-534.55	-181.00
22730	-20.46	-8.70	-10.50	181.77	368.43	-1071.78	-144.32	-462.34	-124.16
22731	-21.57	-8.70	-10.50	103.54	375.58	-1007.36	-148.64	-333.53	-51.54
22732	-22.68	-8.70	-10.50	58.25	386.18	-1001.55	-137.57	-147.79	35.41
22733	11.67	-9.50	-9.50	926.89	130.66	-401.11	213.99	54.11	-131.04
22734	12.78	-9.45	-9.50	935.25	128.92	-398.09	227.30	93.54	-124.65
22735	13.89	-9.40	-9.50	944.00	127.99	-395.06	241.40	140.44	-115.57
22736	11.86	-10.51	-9.50	875.85	132.79	-393.00	226.68	68.30	-139.69
22737	12.77	-10.36	-9.50	885.21	132.46	-388.64	238.38	102.58	-133.10
22738	13.67	-10.20	-9.50	895.37	132.89	-384.36	250.69	141.28	-124.59
22739	12.05	-11.51	-9.50	820.76	135.81	-382.14	236.33	82.72	-148.79
22740	12.82	-11.26	-9.50	832.36	135.75	-377.37	246.53	110.55	-140.67
22741	13.59	-10.99	-9.50	845.73	137.49	-372.91	256.18	144.43	-133.39
22742	0.56	-9.90	-9.50	827.70	193.03	-627.98	74.40	-77.82	-158.03
22743	1.69	-9.89	-9.50	842.79	185.25	-590.31	88.26	-70.98	-157.18
22744	2.81	-9.87	-9.50	855.82	177.55	-554.92	102.40	-64.75	-156.18
22745	3.93	-9.85	-9.50	867.05	170.00	-522.18	116.69	-58.66	-154.94
22746	5.05	-9.82	-9.50	876.84	162.70	-492.54	131.02	-52.11	-153.40
22747	6.17	-9.78	-9.50	885.56	155.75	-466.53	145.29	-44.29	-151.51
22748	7.28	-9.74	-9.50	893.66	149.30	-444.64	159.43	-34.20	-149.21
22749	8.39	-9.69	-9.50	901.55	143.47	-427.24	173.37	-20.62	-146.42
22750	9.50	-9.63	-9.50	909.61	138.42	-414.45	187.09	-2.18	-143.06
22751	10.60	-9.56	-9.50	918.16	134.31	-406.00	200.62	22.48	-139.19
22752	0.58	-11.69	-9.50	772.48	174.75	-633.89	80.95	-73.79	-176.76
22753	1.75	-11.67	-9.50	786.16	167.87	-593.37	96.07	-65.71	-174.73
22754	2.91	-11.62	-9.50	798.08	161.52	-555.62	111.44	-58.32	-172.65
22755	4.07	-11.55	-9.50	808.53	155.74	-521.00	126.87	-51.10	-170.46
22756	5.22	-11.46	-9.50	817.90	150.57	-489.95	142.19	-43.39	-168.06
22757	6.37	-11.35	-9.50	826.62	146.04	-462.89	157.27	-34.34	-165.36
22758	7.51	-11.21	-9.50	835.21	142.17	-440.21	172.01	-22.92	-162.27
22759	8.64	-11.06	-9.50	844.15	138.97	-422.12	186.36	-7.93	-158.63
22760	9.75	-10.88	-9.50	853.94	136.46	-408.55	200.31	11.95	-154.32
22761	10.86	-10.68	-9.50	865.04	134.62	-399.08	213.94	37.95	-149.06
22762	0.60	-13.49	-9.50	712.84	159.60	-645.02	84.52	-71.25	-200.56
22763	1.81	-13.45	-9.50	724.71	153.57	-601.42	100.36	-61.32	-196.61
22764	3.02	-13.37	-9.50	735.25	148.48	-560.83	116.46	-52.21	-192.82
22765	4.21	-13.26	-9.50	744.75	144.33	-523.65	132.61	-43.34	-189.10
22766	5.40	-13.10	-9.50	753.60	141.09	-490.31	148.63	-34.02	-185.35
22767	6.58	-12.91	-9.50	762.28	138.73	-461.19	164.38	-23.36	-181.41
22768	7.74	-12.69	-9.50	771.34	137.16	-436.57	179.77	-10.38	-177.10
22769	8.88	-12.43	-9.50	781.35	136.28	-416.58	194.77	6.10	-172.17
22770	10.01	-12.13	-9.50	792.91	135.97	-401.08	209.40	27.27	-166.28

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
22771	11.11	-11.80	-9.50	806.63	136.14	-389.63	223.74	54.39	-159.29
22772	0.63	-15.29	-9.50	650.82	146.33	-654.49	85.33	-71.15	-232.62
22773	1.88	-15.23	-9.50	660.52	141.21	-608.19	101.43	-58.65	-225.88
22774	3.12	-15.12	-9.50	669.36	137.29	-564.83	117.83	-47.16	-219.42
22775	4.36	-14.96	-9.50	677.63	134.57	-524.88	134.32	-36.06	-213.21
22776	5.58	-14.75	-9.50	685.74	133.00	-488.79	150.76	-24.63	-207.13
22777	6.78	-14.48	-9.50	694.18	132.47	-456.97	167.02	-12.03	-201.00
22778	7.97	-14.16	-9.50	703.51	132.85	-429.70	183.05	2.68	-194.55
22779	9.13	-13.80	-9.50	714.39	133.95	-407.11	198.86	20.55	-187.39
22780	10.27	-13.38	-9.50	727.51	135.58	-389.13	214.46	42.66	-179.04
22781	11.37	-12.92	-9.50	743.64	137.63	-375.45	229.86	70.09	-168.84
22782	0.65	-17.08	-9.50	588.54	129.50	-648.53	83.65	-74.47	-271.35
22783	1.94	-17.01	-9.50	595.69	125.77	-601.16	99.92	-58.88	-261.17
22784	3.22	-16.87	-9.50	602.45	123.41	-556.42	116.42	-44.47	-251.23
22785	4.50	-16.66	-9.50	609.14	122.39	-514.83	133.04	-30.64	-241.57
22786	5.75	-16.39	-9.50	616.16	122.65	-476.92	149.68	-16.72	-232.15
22787	6.99	-16.04	-9.50	624.02	124.06	-443.13	166.27	-1.91	-222.79
22788	8.20	-15.64	-9.50	633.30	126.46	-413.84	182.82	14.63	-213.20
22789	9.38	-15.17	-9.50	644.72	129.65	-389.27	199.36	33.80	-202.93
22790	10.52	-14.63	-9.50	659.12	133.36	-369.52	215.95	56.52	-191.37
22791	11.63	-14.04	-9.50	677.54	137.29	-354.50	232.52	83.80	-177.88
22792	0.67	-18.88	-9.50	527.53	102.40	-612.51	79.43	-82.31	-305.02
22793	2.00	-18.79	-9.50	531.88	101.04	-566.97	96.11	-63.76	-291.99
22794	3.33	-18.62	-9.50	536.24	101.25	-523.75	112.86	-46.39	-279.00
22795	4.64	-18.37	-9.50	541.00	102.92	-483.37	129.62	-29.69	-266.17
22796	5.93	-18.03	-9.50	546.59	105.90	-446.32	146.36	-13.05	-253.53
22797	7.20	-17.61	-9.50	553.53	110.06	-413.07	163.10	4.19	-240.99
22798	8.43	-17.11	-9.50	562.42	115.22	-384.06	179.91	22.78	-228.29
22799	9.63	-16.54	-9.50	574.04	121.20	-359.65	196.93	43.48	-214.99
22800	10.78	-15.88	-9.50	589.35	127.71	-340.12	214.32	67.02	-200.56
22801	11.89	-15.16	-9.50	609.71	134.27	-325.65	232.18	93.96	-184.00
22802	16.80	-9.56	-9.50	952.85	137.83	-353.34	298.54	325.30	-62.86
22803	16.19	-10.65	-9.50	861.17	144.64	-335.36	302.45	283.32	-82.01
22804	15.51	-11.70	-9.50	781.97	149.19	-321.38	295.97	243.31	-104.24
22805	15.78	-9.48	-9.50	951.01	132.45	-374.83	276.47	261.47	-87.50
22806	15.36	-10.44	-9.50	879.81	138.55	-358.75	282.67	236.00	-101.16
22807	14.89	-11.36	-9.50	813.40	143.23	-344.93	282.00	210.47	-114.98
22808	14.77	-9.41	-9.50	949.40	129.16	-388.28	257.36	200.80	-102.86
22809	14.53	-10.23	-9.50	894.73	134.82	-375.31	264.91	190.49	-114.18
22810	14.27	-11.03	-9.50	840.39	139.19	-363.10	268.91	175.16	-124.64
22811	12.91	-14.38	-9.50	636.16	141.30	-316.69	249.37	125.66	-169.60
22812	12.60	-13.43	-9.50	699.95	141.43	-345.03	247.51	113.57	-166.62
22813	12.30	-12.48	-9.50	761.00	139.67	-366.75	242.68	98.84	-160.31
22814	13.85	-13.56	-9.50	671.93	146.45	-313.07	266.66	160.31	-149.76
22815	13.44	-12.81	-9.50	728.11	143.47	-340.43	261.03	143.74	-151.06
22816	13.05	-12.07	-9.50	780.12	140.45	-361.81	253.32	125.43	-149.68
22817	14.73	-12.67	-9.50	718.70	149.76	-313.97	283.30	198.75	-128.27
22818	14.25	-12.15	-9.50	762.49	144.93	-338.75	274.22	176.79	-133.91
22819	13.77	-11.64	-9.50	802.48	139.28	-358.65	263.99	155.41	-134.68
22820	11.67	-9.50	-10.50	1132.26	176.00	-358.51	265.31	45.98	-117.66
22821	12.71	-9.45	-10.50	1139.92	171.02	-348.10	283.05	83.41	-112.41
22822	13.75	-9.40	-10.50	1146.15	166.52	-338.19	301.53	127.88	-104.16
22823	11.86	-10.51	-10.50	1074.55	176.99	-349.32	282.84	59.14	-125.81
22824	12.77	-10.36	-10.50	1083.47	174.05	-339.12	298.14	91.41	-120.04
22825	13.67	-10.20	-10.50	1092.03	171.68	-329.48	313.82	127.86	-112.16
22826	12.05	-11.51	-10.50	1012.39	178.76	-338.15	296.77	72.22	-134.07
22827	12.82	-11.26	-10.50	1024.11	176.81	-328.99	309.63	98.20	-126.58
22828	13.59	-10.99	-10.50	1036.77	176.49	-320.47	321.73	130.13	-119.82
22829	0.56	-9.90	-10.50	995.77	260.23	-612.84	97.83	-67.52	-133.99
22830	1.69	-9.89	-10.50	1013.84	250.61	-576.22	113.23	-63.23	-133.36
22831	2.81	-9.87	-10.50	1030.51	241.04	-541.37	129.08	-59.40	-132.81
22832	3.93	-9.85	-10.50	1045.98	231.62	-508.55	145.30	-55.52	-132.26
22833	5.05	-9.82	-10.50	1060.43	222.41	-478.07	161.83	-50.96	-131.64
22834	6.17	-9.78	-10.50	1074.08	213.50	-450.29	178.61	-44.90	-130.88
22835	7.28	-9.74	-10.50	1087.07	204.97	-425.53	195.60	-36.37	-129.89
22836	8.39	-9.69	-10.50	1099.49	196.92	-404.02	212.77	-24.21	-128.57
22837	9.50	-9.63	-10.50	1111.34	189.43	-385.81	230.11	-7.16	-126.76
22838	10.60	-9.56	-10.50	1122.52	182.60	-370.72	247.67	16.03	-124.44
22839	0.58	-11.69	-10.50	936.88	239.11	-615.68	107.29	-63.88	-152.89
22840	1.75	-11.67	-10.50	953.26	230.67	-576.57	124.32	-58.20	-151.07
22841	2.91	-11.62	-10.50	968.51	222.69	-539.60	141.75	-53.11	-149.47
22842	4.07	-11.55	-10.50	982.85	215.21	-505.05	159.45	-48.04	-148.00
22843	5.22	-11.46	-10.50	996.54	208.28	-473.21	177.30	-42.29	-146.55
22844	6.37	-11.35	-10.50	1009.81	201.89	-444.37	195.22	-35.03	-145.00
22845	7.51	-11.21	-10.50	1022.92	196.05	-418.78	213.12	-25.26	-143.19
22846	8.64	-11.06	-10.50	1036.03	190.71	-396.55	230.94	-11.85	-140.94
22847	9.75	-10.88	-10.50	1049.29	185.85	-377.63	248.66	6.41	-138.02
22848	10.86	-10.68	-10.50	1062.81	181.42	-361.79	266.27	30.65	-134.11
22849	0.60	-13.49	-10.50	872.86	218.41	-621.52	112.96	-61.96	-177.39
22850	1.81	-13.45	-10.50	887.17	211.32	-579.81	131.20	-54.27	-173.68
22851	3.02	-13.37	-10.50	900.70	205.05	-540.43	149.81	-47.34	-170.35
22852	4.21	-13.26	-10.50	913.70	199.62	-503.68	168.66	-40.55	-167.30
22853	5.40	-13.10	-10.50	926.43	195.02	-469.87	187.61	-33.18	-164.39
22854	6.58	-12.91	-10.50	939.22	191.18	-439.26	206.56	-24.38	-161.44
22855	7.74	-12.69	-10.50	952.37	188.01	-412.05	225.43	-13.18	-158.22
22856	8.88	-12.43	-10.50	966.20	185.37	-388.31	244.14	1.49	-154.43
22857	10.01	-12.13	-10.50	980.97	183.12	-367.99	262.63	20.77	-149.66
22858	11.11	-11.80	-10.50	997.05	181.14	-350.88	280.87	45.84	-143.73
22859	0.63	-15.29	-10.50	805.35	196.50	-625.03	114.94	-62.70	-208.73
22860	1.88	-15.23	-10.50	817.33	191.01	-581.12	134.05	-52.39	-202.42
22861	3.12	-15.12	-10.50	828.88	186.63	-539.48	153.50	-43.02	-196.54
22862	4.36	-14.96	-10.50	840.29	183.38	-500.48	173.19	-33.98	-191.02
22863	5.58	-14.75	-10.50	851.87	181.18	-464.46	192.98	-24.56	-185.74
22864	6.78	-14.48	-10.50	863.98	179.94	-431.74	212.81	-13.92	-180.49
22865	7.97	-14.16	-10.50	877.01	179.48	-402.53	232.59	-1.16	-174.98
22866	9.13	-13.80	-10.50	891.40	179.61	-376.94	252.28	14.69	-168.78
22867	10.27	-13.38	-10.50	907.60	180.07	-355.00	271.78	34.68	-161.38
22868	11.37	-12.92	-10.50	926.18	180.72	-336.60	290.97	59.82	-152.10
22869	0.65	-17.08	-10.50	736.08	169.45	-616.70	113.27	-66.91	-243.38



Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
22870	1.94	-17.01	-10.50	745.52	166.07	-571.85	133.14	-53.63	-234.17
22871	3.22	-16.87	-10.50	754.89	164.08	-529.04	153.27	-41.43	-225.24
22872	4.50	-16.66	-10.50	764.50	163.44	-488.72	173.59	-29.76	-216.65
22873	5.75	-16.39	-10.50	774.71	164.05	-451.29	194.02	-17.95	-208.31
22874	6.99	-16.04	-10.50	785.92	165.76	-417.10	214.52	-5.22	-200.06
22875	8.20	-15.64	-10.50	798.62	168.39	-386.47	235.07	9.22	-191.57
22876	9.38	-15.17	-10.50	813.36	171.65	-359.61	255.65	26.23	-182.40
22877	10.52	-14.63	-10.50	830.83	175.21	-336.66	276.19	46.67	-171.92
22878	11.63	-14.04	-10.50	851.93	178.67	-317.66	296.49	71.56	-159.50
22879	0.67	-18.88	-10.50	666.45	133.73	-587.28	107.65	-75.29	-270.81
22880	2.00	-18.79	-10.50	673.32	133.14	-543.50	128.38	-59.29	-259.44
22881	3.33	-18.62	-10.50	680.42	134.29	-501.60	149.22	-44.34	-248.14
22882	4.64	-18.37	-10.50	688.12	137.03	-461.99	170.13	-29.96	-237.01
22883	5.93	-18.03	-10.50	696.81	141.19	-425.07	191.09	-15.58	-226.05
22884	7.20	-17.61	-10.50	706.96	146.58	-391.23	212.11	-0.55	-215.12
22885	8.43	-17.11	-10.50	719.13	152.96	-360.83	233.25	15.82	-203.96
22886	9.63	-16.54	-10.50	734.01	160.03	-334.20	254.55	34.24	-192.16
22887	10.78	-15.88	-10.50	752.46	167.39	-311.62	276.07	55.44	-179.15
22888	11.89	-15.16	-10.50	775.77	174.39	-293.32	297.76	79.95	-163.99
22889	16.80	-9.56	-10.50	1133.36	164.95	-290.69	368.57	306.39	-51.06
22890	16.19	-10.65	-10.50	1039.09	176.16	-277.82	374.76	262.53	-68.82
22891	15.51	-11.70	-10.50	957.34	184.26	-269.30	369.23	222.10	-89.70
22892	15.78	-9.48	-10.50	1140.89	163.20	-310.72	344.27	243.72	-76.13
22893	15.36	-10.44	-10.50	1065.74	172.06	-299.58	352.62	217.34	-88.42
22894	14.89	-11.36	-10.50	995.46	179.10	-290.79	353.07	191.51	-100.89
22895	14.77	-9.41	-10.50	1146.48	163.72	-326.39	321.69	185.49	-91.70
22896	14.53	-10.23	-10.50	1087.12	170.78	-316.97	331.56	174.49	-101.82
22897	14.27	-11.03	-10.50	1028.33	176.37	-308.53	337.16	158.70	-111.09
22898	12.91	-14.38	-10.50	804.87	181.33	-279.93	318.18	109.27	-150.97
22899	12.60	-13.43	-10.50	876.48	182.04	-303.99	314.49	99.12	-149.28
22900	12.30	-12.48	-10.50	945.08	181.30	-323.48	306.82	86.50	-144.37
22901	13.85	-13.56	-10.50	843.05	185.73	-271.46	337.96	141.78	-132.46
22902	13.44	-12.81	-10.50	906.42	182.96	-295.20	330.22	127.36	-134.71
22903	13.05	-12.07	-10.50	965.21	180.69	-314.71	319.61	111.31	-134.43
22904	14.73	-12.67	-10.50	891.92	187.47	-267.24	356.23	178.45	-112.33
22905	14.25	-12.15	-10.50	942.16	182.86	-289.26	345.04	158.65	-118.59
22906	13.77	-11.64	-10.50	988.07	177.85	-307.83	332.04	139.58	-120.17
22907	0.70	-20.20	-9.50	471.90	67.85	-549.53	72.83	-94.01	-315.29
22908	2.10	-20.10	-9.50	473.50	69.56	-506.29	90.76	-72.84	-301.26
22909	3.49	-19.90	-9.50	475.11	73.09	-465.16	108.49	-52.51	-287.01
22910	4.86	-19.62	-9.50	477.22	78.15	-426.62	126.01	-32.48	-272.74
22911	6.20	-19.23	-9.50	480.31	84.54	-391.12	143.34	-12.20	-258.48
22912	7.52	-18.76	-9.50	484.90	92.09	-359.12	160.59	8.97	-244.09
22913	8.80	-18.19	-9.50	491.64	100.66	-331.06	177.95	31.73	-229.21
22914	10.04	-17.54	-9.50	501.33	110.11	-307.38	195.73	56.80	-213.33
22915	11.23	-16.80	-9.50	515.08	120.25	-288.46	214.29	84.88	-195.80
22916	12.37	-15.98	-9.50	534.38	130.80	-274.68	234.12	116.65	-176.03
22917	13.44	-15.08	-9.50	561.45	141.80	-266.22	255.28	153.10	-153.77
22918	14.46	-14.11	-9.50	600.27	151.73	-263.26	277.80	195.21	-127.54
22919	15.40	-13.08	-9.50	655.77	159.32	-265.80	301.19	242.81	-98.41
22920	16.27	-11.98	-9.50	733.20	162.40	-274.00	323.39	295.54	-66.39
22921	17.06	-10.82	-9.50	835.99	159.10	-288.13	337.66	350.95	-36.56
22922	17.76	-9.62	-9.50	963.01	150.90	-308.01	334.89	406.48	-13.09
22923	0.74	-21.03	-9.50	422.89	34.54	-474.66	64.32	-108.35	-294.25
22924	2.22	-20.93	-9.50	421.60	39.03	-432.91	83.84	-85.86	-281.34
22925	3.69	-20.72	-9.50	419.97	45.59	-392.95	102.97	-63.29	-267.88
22926	5.14	-20.41	-9.50	418.62	53.77	-355.34	121.61	-40.19	-254.08
22927	6.57	-19.99	-9.50	418.02	63.32	-320.54	139.76	-16.06	-239.82
22928	7.96	-19.48	-9.50	418.63	74.13	-288.96	157.62	9.72	-224.69
22929	9.32	-18.87	-9.50	421.01	86.14	-260.97	175.53	37.85	-208.08
22930	10.62	-18.17	-9.50	425.92	99.35	-237.00	193.96	69.05	-189.19
22931	11.88	-17.37	-9.50	434.44	113.78	-217.51	213.55	104.04	-167.08
22932	13.07	-16.49	-9.50	448.27	129.53	-202.89	235.03	143.61	-140.75
22933	14.20	-15.53	-9.50	470.38	146.41	-193.49	259.32	188.64	-109.05
22934	15.26	-14.48	-9.50	505.80	163.71	-189.45	287.71	239.89	-71.35
22935	16.24	-13.37	-9.50	563.73	179.60	-190.60	321.56	298.02	-28.00
22936	17.14	-12.19	-9.50	657.62	189.59	-196.78	358.87	362.85	17.69
22937	17.95	-10.95	-9.50	802.37	188.38	-208.13	389.48	432.03	58.64
22938	18.68	-9.66	-9.50	999.22	175.21	-225.60	389.67	498.49	84.82
22939	0.78	-21.87	-9.50	375.42	9.32	-402.24	52.49	-126.88	-245.39
22940	2.35	-21.76	-9.50	371.15	15.56	-361.76	72.83	-104.63	-236.12
22941	3.90	-21.54	-9.50	366.25	24.13	-322.69	92.73	-80.53	-225.72
22942	5.43	-21.20	-9.50	361.50	34.42	-285.96	111.87	-54.59	-214.43
22943	6.94	-20.76	-9.50	357.17	46.19	-251.88	130.17	-26.60	-201.74
22944	8.41	-20.20	-9.50	353.54	59.40	-220.61	147.83	3.96	-186.85
22945	9.83	-19.55	-9.50	351.01	74.10	-192.44	165.30	37.69	-168.76
22946	11.20	-18.79	-9.50	350.21	90.41	-167.77	183.13	75.20	-146.34
22947	12.52	-17.94	-9.50	352.06	108.61	-147.06	202.04	117.04	-118.22
22948	13.77	-17.00	-9.50	358.18	129.10	-130.78	223.09	163.78	-82.87
22949	14.95	-15.97	-9.50	371.46	152.36	-119.19	247.91	216.11	-38.71
22950	16.06	-14.85	-9.50	397.57	178.83	-111.98	279.33	274.91	15.44
22951	17.08	-13.67	-9.50	446.56	208.33	-108.04	322.17	341.29	79.11
22952	18.01	-12.41	-9.50	549.43	237.95	-103.65	384.44	415.90	147.51
22953	18.85	-11.08	-9.50	753.76	244.69	-98.20	452.49	496.37	207.22
22954	19.60	-9.70	-9.50	1087.03	218.52	-99.69	470.15	567.11	233.83
22955	0.83	-22.71	-9.50	329.26	-3.04	-344.75	37.48	-150.05	-172.99
22956	2.47	-22.59	-9.50	322.12	3.13	-304.04	57.76	-129.21	-169.96
22957	4.11	-22.35	-9.50	314.23	11.93	-264.48	77.56	-103.85	-164.90
22958	5.72	-21.99	-9.50	306.44	22.75	-227.77	96.35	-74.90	-157.87
22959	7.30	-21.52	-9.50	298.65	35.32	-193.80	113.92	-42.69	-147.87
22960	8.85	-20.93	-9.50	290.88	49.63	-162.35	130.48	-6.85	-133.59
22961	10.35	-20.23	-9.50	283.42	65.77	-133.53	146.39	33.06	-113.62
22962	11.79	-19.42	-9.50	276.70	83.92	-107.74	162.12	77.33	-86.38
22963	13.17	-18.52	-9.50	271.39	104.51	-85.46	178.32	126.14	-50.03
22964	14.48	-17.51	-9.50	268.68	128.27	-67.12	196.04	179.60	-2.50
22965	15.71	-16.41	-9.50	270.81	156.49	-52.67	217.10	237.92	58.48
22966	16.86	-15.22	-9.50	281.52	191.31	-40.71	245.04	301.50	134.92
22967	17.92	-13.96	-9.50	311.36	236.59	-26.43	286.43	370.95	227.02
22968	18.89	-12.62	-9.50	373.09	298.22	-2.07	358.15	446.96	329.99

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
22969	19.75	-11.21	-9.50	637.02	376.55	57.75	520.37	535.35	425.24
22970	20.51	-9.75	-9.50	1287.33	297.59	137.95	617.94	580.66	454.55
22971	0.87	-23.55	-9.50	283.62	-2.72	-308.54	19.78	-178.09	-72.45
22972	2.60	-23.42	-9.50	274.29	1.65	-266.21	39.37	-159.70	-79.17
22973	4.32	-23.17	-9.50	264.05	8.86	-224.72	58.02	-133.80	-82.57
22974	6.01	-22.78	-9.50	253.68	18.52	-186.68	75.39	-102.08	-81.80
22975	7.67	-22.28	-9.50	242.81	30.35	-151.73	91.35	-65.46	-75.54
22976	9.29	-21.65	-9.50	231.27	44.31	-119.23	105.93	-23.89	-62.07
22977	10.86	-20.91	-9.50	219.27	60.39	-89.17	119.25	22.73	-39.52
22978	12.37	-20.05	-9.50	207.10	78.73	-61.98	131.49	74.18	-5.79
22979	13.81	-19.09	-9.50	195.17	99.66	-38.18	142.99	129.99	41.48
22980	15.18	-18.02	-9.50	184.17	123.97	-18.15	154.38	189.47	104.99
22981	16.47	-16.85	-9.50	175.11	153.23	-1.37	166.88	251.71	187.73
22982	17.66	-15.59	-9.50	170.09	190.62	15.58	182.31	315.48	292.55
22983	18.76	-14.25	-9.50	169.12	241.35	42.15	205.02	378.06	420.46
22984	19.76	-12.83	-9.50	195.61	319.80	105.45	238.42	438.24	566.75
22985	20.65	-11.34	-9.50	199.34	467.48	249.91	330.06	495.84	734.13
22986	21.43	-9.79	-9.50	1447.71	890.53	816.77	960.21	682.68	1005.55
22987	0.70	-20.20	-10.50	601.63	93.80	-539.42	98.55	-86.90	-277.50
22988	2.10	-20.10	-10.50	606.19	96.31	-496.51	120.93	-68.50	-265.60
22989	3.49	-19.90	-10.50	610.86	100.97	-455.36	143.25	-50.81	-253.52
22990	4.86	-19.62	-10.50	616.08	107.47	-416.35	165.49	-33.34	-241.39
22991	6.20	-19.23	-10.50	622.28	115.55	-379.89	187.63	-15.56	-229.21
22992	7.52	-18.76	-10.50	629.95	124.99	-346.35	209.74	3.14	-216.79
22993	8.80	-18.19	-10.50	639.69	135.57	-316.14	231.97	23.38	-203.80
22994	10.04	-17.54	-10.50	652.27	146.97	-289.63	254.50	45.85	-189.73
22995	11.23	-16.80	-10.50	668.75	158.82	-267.19	277.57	71.25	-173.93
22996	12.37	-15.98	-10.50	690.56	170.58	-249.19	301.52	100.24	-155.84
22997	13.44	-15.08	-10.50	719.84	182.07	-235.90	326.15	133.93	-135.20
22998	14.46	-14.11	-10.50	760.56	191.41	-227.64	351.21	173.55	-110.52
22999	15.40	-13.08	-10.50	817.55	197.09	-224.70	375.97	219.38	-82.79
23000	16.27	-11.98	-10.50	896.05	196.81	-227.70	398.21	271.82	-51.88
23001	17.06	-10.82	-10.50	999.71	188.70	-237.49	411.06	329.34	-22.92
23002	17.76	-9.62	-10.50	1128.17	174.28	-254.46	405.46	390.34	-0.43
23003	0.74	-21.03	-10.50	543.56	55.89	-482.68	86.75	-100.54	-258.50
23004	2.22	-20.93	-10.50	545.72	61.33	-439.60	111.24	-80.85	-247.67
23005	3.69	-20.72	-10.50	547.46	69.26	-398.05	135.63	-61.03	-236.34
23006	5.14	-20.41	-10.50	549.31	79.20	-358.51	159.73	-40.64	-224.68
23007	6.57	-19.99	-10.50	551.65	90.93	-321.41	183.47	-19.25	-212.53
23008	7.96	-19.48	-10.50	554.87	104.32	-287.11	206.95	3.74	-199.46
23009	9.32	-18.87	-10.50	559.48	119.19	-255.96	230.41	28.98	-184.87
23010	10.62	-18.17	-10.50	566.21	135.32	-228.37	254.17	57.15	-167.98
23011	11.88	-17.37	-10.50	576.11	152.46	-204.75	278.67	88.96	-147.87
23012	13.07	-16.49	-10.50	590.84	170.34	-185.51	304.40	125.24	-123.53
23013	14.20	-15.53	-10.50	613.29	188.30	-171.05	331.97	167.03	-93.78
23014	15.26	-14.48	-10.50	648.43	205.13	-161.76	362.30	215.47	-57.84
23015	16.24	-13.37	-10.50	705.37	218.63	-158.03	396.46	272.04	-15.67
23016	17.14	-12.19	-10.50	797.72	224.25	-160.82	432.43	338.09	29.84
23017	17.95	-10.95	-10.50	941.42	216.95	-171.74	460.60	413.90	71.63
23018	18.68	-9.66	-10.50	1140.78	195.67	-193.42	458.02	494.80	98.20
23019	0.78	-21.87	-10.50	486.65	23.49	-427.50	70.40	-118.05	-216.78
23020	2.35	-21.76	-10.50	486.11	31.14	-383.65	96.34	-98.42	-208.65
23021	3.90	-21.54	-10.50	484.72	41.66	-341.27	122.47	-76.85	-199.71
23022	5.43	-21.20	-10.50	483.06	54.30	-301.14	148.04	-53.58	-190.16
23023	6.94	-20.76	-10.50	481.17	69.04	-263.46	172.80	-28.44	-179.34
23024	8.41	-20.20	-10.50	479.21	85.85	-228.38	196.87	-0.90	-166.39
23025	9.83	-19.55	-10.50	477.56	104.64	-196.14	220.51	29.64	-150.35
23026	11.20	-18.79	-10.50	476.83	125.28	-167.15	244.06	63.77	-130.10
23027	12.52	-17.94	-10.50	477.92	147.65	-141.85	267.96	102.05	-104.32
23028	13.77	-17.00	-10.50	482.42	171.64	-120.67	292.91	145.13	-71.44
23029	14.95	-15.97	-10.50	493.18	197.01	-103.97	320.18	193.86	-29.80
23030	16.06	-14.85	-10.50	515.88	223.40	-91.84	352.12	249.46	22.08
23031	17.08	-13.67	-10.50	560.44	250.04	-84.36	393.18	313.88	84.50
23032	18.01	-12.41	-10.50	658.38	274.49	-80.16	451.94	391.09	154.35
23033	18.85	-11.08	-10.50	859.69	274.82	-81.95	516.77	485.61	219.20
23034	19.60	-9.70	-10.50	1198.20	240.79	-95.25	534.82	593.20	252.48
23035	0.83	-22.71	-10.50	430.52	2.64	-387.67	49.74	-140.37	-154.37
23036	2.47	-22.59	-10.50	427.03	10.42	-340.50	76.29	-121.97	-151.11
23037	4.11	-22.35	-10.50	422.60	21.78	-295.32	103.46	-98.42	-146.40
23038	5.72	-21.99	-10.50	417.68	35.75	-253.77	129.74	-71.84	-140.52
23039	7.30	-21.52	-10.50	411.51	52.31	-215.06	154.67	-42.51	-132.01
23040	8.85	-20.93	-10.50	404.02	71.55	-178.78	178.35	-9.83	-119.46
23041	10.35	-20.23	-10.50	395.52	93.34	-145.09	200.89	26.70	-101.52
23042	11.79	-19.42	-10.50	386.42	117.59	-114.39	222.43	67.36	-76.65
23043	13.17	-18.52	-10.50	377.41	144.20	-87.13	243.22	112.39	-43.07
23044	14.48	-17.51	-10.50	369.68	173.18	-63.73	263.87	161.98	1.34
23045	15.71	-16.41	-10.50	365.57	204.84	-44.29	285.68	216.45	58.93
23046	16.86	-15.22	-10.50	368.81	240.12	-28.23	311.74	276.32	131.98
23047	17.92	-13.96	-10.50	390.81	282.23	-12.55	348.63	342.64	221.34
23048	18.89	-12.62	-10.50	443.41	336.91	4.99	413.15	417.81	324.95
23049	19.75	-11.21	-10.50	698.35	414.46	51.85	573.38	530.33	435.21
23050	20.51	-9.75	-10.50	1392.87	324.91	57.14	693.42	692.62	480.60
23051	0.87	-23.55	-10.50	373.56	-1.18	-377.85	25.88	-167.70	-65.31
23052	2.60	-23.42	-10.50	367.90	4.34	-325.08	52.23	-151.50	-71.24
23053	4.32	-23.17	-10.50	361.07	14.07	-274.65	78.70	-126.49	-74.13
23054	6.01	-22.78	-10.50	353.24	27.33	-229.83	104.09	-96.51	-73.63
23055	7.67	-22.28	-10.50	343.05	43.97	-188.74	127.95	-62.59	-68.18
23056	9.29	-21.65	-10.50	330.23	63.95	-150.24	150.00	-24.12	-55.99
23057	10.86	-20.91	-10.50	315.05	87.08	-114.41	169.98	19.14	-35.26
23058	12.37	-20.05	-10.50	297.79	113.09	-81.71	187.59	67.02	-3.98
23059	13.81	-19.09	-10.50	278.91	141.70	-52.66	202.62	119.16	40.20
23060	15.18	-18.02	-10.50	259.22	172.77	-27.71	215.12	174.99	99.95
23061	16.47	-16.85	-10.50	239.97	206.53	-6.72	225.77	233.67	178.26
23062	17.66	-15.59	-10.50	223.96	244.63	12.34	236.04	293.69	277.91
23063	18.76	-14.25	-10.50	210.93	291.61	34.64	250.84	352.58	399.25
23064	19.76	-12.83	-10.50	233.69	362.60	82.95	276.89	406.12	538.92
23065	20.65	-11.34	-10.50	196.13	505.72	188.26	350.04	458.43	686.84
23066	21.43	-9.79	-10.50	1619.02	949.86	829.65	1045.64	806.18	970.99
23067	-11.69	-9.49	-9.50	550.88	272.18	-1196.63	-21.54	-294.56	-205.83

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
23068	-12.72	-9.44	-9.50	524.81	277.57	-1249.61	-25.86	-341.84	-220.17
23069	-13.76	-9.39	-9.50	497.06	282.67	-1292.92	-31.64	-395.63	-234.93
23070	-11.91	-10.47	-9.50	531.65	265.37	-1209.54	-24.22	-316.99	-236.68
23071	-12.81	-10.33	-9.50	510.13	270.52	-1249.18	-29.37	-358.76	-248.06
23072	-13.70	-10.18	-9.50	487.65	275.34	-1281.09	-35.50	-403.07	-258.97
23073	-12.11	-11.46	-9.50	511.63	256.89	-1211.99	-28.94	-340.39	-270.54
23074	-12.88	-11.21	-9.50	494.67	262.24	-1240.69	-33.99	-374.73	-275.91
23075	-13.63	-10.96	-9.50	476.09	266.73	-1264.56	-40.36	-412.25	-282.91
23076	-0.57	-9.89	-9.50	810.36	200.87	-667.96	60.88	-85.48	-159.08
23077	-1.70	-9.88	-9.50	790.63	208.76	-710.12	47.86	-94.59	-159.74
23078	-2.84	-9.86	-9.50	768.56	216.53	-754.25	35.64	-105.11	-160.65
23079	-3.96	-9.83	-9.50	744.32	224.14	-800.59	24.37	-117.29	-161.99
23080	-5.08	-9.80	-9.50	718.22	231.57	-849.49	14.20	-131.46	-164.02
23081	-6.20	-9.76	-9.50	690.71	238.83	-901.32	5.27	-148.08	-167.04
23082	-7.31	-9.71	-9.50	662.32	245.92	-956.33	-2.33	-167.74	-171.38
23083	-8.42	-9.66	-9.50	633.68	252.84	-1014.50	-8.58	-191.26	-177.41
23084	-9.52	-9.60	-9.50	605.33	259.58	-1075.30	-13.62	-219.62	-185.45
23085	-10.62	-9.54	-9.50	577.63	266.07	-1137.31	-17.76	-254.01	-195.82
23086	-0.60	-11.68	-9.50	756.95	182.33	-677.54	66.00	-83.04	-179.00
23087	-1.80	-11.64	-9.50	739.29	190.53	-724.05	51.57	-93.98	-181.08
23088	-2.99	-11.58	-9.50	719.55	199.00	-772.55	38.17	-106.59	-183.53
23089	-4.16	-11.50	-9.50	698.00	207.67	-823.09	25.99	-121.20	-186.56
23090	-5.32	-11.40	-9.50	675.01	216.46	-875.73	15.16	-138.17	-190.37
23091	-6.47	-11.28	-9.50	651.04	225.27	-930.47	5.76	-157.95	-195.22
23092	-7.60	-11.15	-9.50	626.59	234.01	-987.12	-2.21	-181.08	-201.31
23093	-8.72	-10.99	-9.50	602.14	242.54	-1045.13	-8.88	-208.21	-208.83
23094	-9.83	-10.82	-9.50	578.01	250.75	-1103.43	-14.50	-240.03	-217.84
23095	-10.92	-10.63	-9.50	554.23	258.53	-1160.30	-19.52	-277.22	-228.14
23096	-0.63	-13.48	-9.50	699.54	166.80	-692.18	68.83	-82.70	-204.76
23097	-1.88	-13.42	-9.50	684.57	175.05	-742.43	53.68	-96.05	-209.08
23098	-3.11	-13.32	-9.50	667.92	183.93	-794.41	39.69	-111.38	-213.86
23099	-4.33	-13.19	-9.50	649.84	193.31	-847.87	27.03	-129.03	-219.22
23100	-5.53	-13.03	-9.50	630.68	202.99	-902.56	15.76	-149.35	-225.25
23101	-6.70	-12.83	-9.50	610.82	212.81	-958.11	5.89	-172.72	-232.04
23102	-7.86	-12.61	-9.50	590.63	222.56	-1013.93	-2.70	-199.51	-239.59
23103	-8.99	-12.35	-9.50	570.36	232.04	-1069.18	-10.21	-230.10	-247.84
23104	-10.11	-12.06	-9.50	550.13	241.08	-1122.61	-17.00	-264.79	-256.56
23105	-11.19	-11.74	-9.50	529.83	249.60	-1172.65	-23.41	-303.66	-265.34
23106	-0.65	-15.28	-9.50	640.20	152.87	-704.25	69.41	-85.48	-239.60
23107	-1.95	-15.20	-9.50	628.41	160.72	-756.81	54.02	-101.92	-246.88
23108	-3.22	-15.07	-9.50	615.34	169.42	-810.48	39.72	-120.57	-254.46
23109	-4.47	-14.90	-9.50	601.18	178.77	-864.78	26.63	-141.74	-262.28
23110	-5.71	-14.67	-9.50	586.17	188.57	-919.19	14.77	-165.69	-270.25
23111	-6.91	-14.40	-9.50	570.51	198.58	-973.13	4.07	-192.61	-278.23
23112	-8.09	-14.08	-9.50	554.40	208.60	-1025.88	-5.60	-222.65	-285.98
23113	-9.24	-13.72	-9.50	537.90	218.46	-1076.59	-14.46	-255.83	-293.24
23114	-10.36	-13.31	-9.50	520.92	228.05	-1124.27	-22.77	-292.11	-299.60
23115	-11.45	-12.86	-9.50	503.29	237.28	-1167.83	-30.81	-331.29	-304.72
23116	-0.67	-17.07	-9.50	580.88	134.76	-698.80	67.56	-92.11	-281.48
23117	-1.99	-16.99	-9.50	572.49	141.46	-751.23	51.88	-111.90	-291.86
23118	-3.30	-16.84	-9.50	563.14	149.21	-804.18	37.04	-133.98	-301.98
23119	-4.59	-16.62	-9.50	552.88	157.85	-857.07	23.10	-158.54	-311.59
23120	-5.85	-16.34	-9.50	541.80	167.18	-909.31	10.09	-185.65	-320.42
23121	-7.09	-15.99	-9.50	529.95	177.05	-960.34	-2.00	-215.32	-328.15
23122	-8.29	-15.58	-9.50	517.36	187.30	-1009.57	-13.23	-247.42	-334.45
23123	-9.46	-15.11	-9.50	504.03	197.85	-1056.39	-23.67	-281.74	-338.98
23124	-10.60	-14.58	-9.50	489.83	208.63	-1100.19	-33.40	-317.99	-341.35
23125	-11.69	-14.00	-9.50	474.61	219.53	-1140.38	-42.48	-355.94	-341.26
23126	-0.68	-18.88	-9.50	522.97	105.47	-660.22	62.81	-102.63	-317.48
23127	-2.02	-18.79	-9.50	517.79	110.22	-709.51	46.41	-124.92	-329.89
23128	-3.36	-18.61	-9.50	511.87	116.49	-759.40	30.42	-149.32	-341.40
23129	-4.68	-18.35	-9.50	505.09	124.21	-809.42	14.97	-175.90	-351.68
23130	-5.97	-18.01	-9.50	497.40	133.27	-859.10	0.22	-204.63	-360.36
23131	-7.23	-17.59	-9.50	488.75	143.59	-908.02	-13.71	-235.36	-367.12
23132	-8.47	-17.09	-9.50	479.11	155.08	-955.77	-26.69	-267.87	-371.60
23133	-9.66	-16.51	-9.50	468.48	167.65	-1001.96	-38.58	-301.87	-373.51
23134	-10.81	-15.87	-9.50	456.87	181.20	-1046.22	-49.27	-337.00	-372.59
23135	-11.91	-15.15	-9.50	444.22	195.57	-1088.20	-58.65	-372.84	-368.45
23136	-16.80	-9.56	-9.50	377.43	289.78	-1299.18	-71.38	-565.17	-274.70
23137	-16.19	-10.65	-9.50	385.01	274.06	-1266.52	-75.22	-538.71	-299.19
23138	-15.52	-11.69	-9.50	393.42	257.55	-1231.82	-77.32	-510.86	-320.97
23139	-15.79	-9.48	-9.50	423.86	288.81	-1321.91	-54.38	-516.16	-266.82
23140	-15.37	-10.42	-9.50	424.12	276.46	-1291.52	-58.54	-500.14	-289.20
23141	-14.91	-11.34	-9.50	424.99	263.13	-1259.08	-61.64	-482.53	-308.79
23142	-14.78	-9.40	-9.50	462.90	286.77	-1319.24	-41.09	-458.70	-251.60
23143	-14.55	-10.21	-9.50	457.88	277.47	-1297.16	-45.15	-455.00	-273.54
23144	-14.30	-11.00	-9.50	454.07	267.15	-1272.05	-48.98	-446.64	-293.72
23145	-12.93	-14.37	-9.50	431.30	209.76	-1127.39	-66.54	-408.84	-363.40
23146	-12.65	-13.39	-9.50	460.53	229.60	-1174.73	-50.19	-391.72	-340.05
23147	-12.36	-12.43	-9.50	487.51	244.80	-1201.89	-37.60	-367.59	-308.55
23148	-13.86	-13.54	-9.50	418.45	225.06	-1163.66	-72.40	-443.26	-353.15
23149	-13.48	-12.78	-9.50	447.20	239.95	-1203.73	-56.13	-423.79	-333.68
23150	-13.10	-12.03	-9.50	473.45	251.40	-1227.09	-43.09	-398.26	-308.03
23151	-14.74	-12.66	-9.50	405.19	240.61	-1197.60	-76.55	-477.09	-340.03
23152	-14.28	-12.13	-9.50	433.17	250.58	-1229.94	-60.98	-455.17	-325.25
23153	-13.81	-11.61	-9.50	458.80	258.61	-1248.84	-48.02	-429.08	-303.53
23154	-11.69	-9.49	-10.50	697.97	348.44	-1129.90	-24.10	-263.92	-189.31
23155	-12.72	-9.44	-10.50	663.90	351.90	-1175.09	-32.60	-307.92	-202.19
23156	-13.76	-9.39	-10.50	626.49	354.58	-1212.84	-42.27	-356.52	-214.49
23157	-11.91	-10.47	-10.50	672.12	335.12	-1138.37	-29.12	-284.76	-217.18
23158	-12.81	-10.33	-10.50	643.82	338.95	-1173.07	-37.78	-322.79	-226.81
23159	-13.70	-10.18	-10.50	613.74	342.28	-1201.97	-46.98	-362.27	-235.42
23160	-12.11	-11.46	-10.50	645.19	319.39	-1138.80	-36.16	-305.49	-246.62
23161	-12.88	-11.21	-10.50	623.06	324.52	-1165.05	-43.79	-336.21	-250.63
23162	-13.63	-10.96	-10.50	598.88	328.60	-1187.83	-52.44	-369.43	-255.90
23163	-0.57	-9.89	-10.50	976.14	269.91	-651.33	82.88	-72.53	-135.09
23164	-1.70	-9.88	-10.50	954.80	279.62	-691.57	68.46	-78.98	-136.05
23165	-2.84	-9.86	-10.50	931.71	289.13	-733.34	54.81	-86.93	-137.52
23166	-3.96	-9.83	-10.50	906.91	298.36	-776.82	42.01	-96.75	-139.67

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
23167	-5.08	-9.80	-10.50	880.50	307.23	-822.25	30.13	-108.85	-142.73
23168	-6.20	-9.76	-10.50	852.67	315.68	-869.85	19.20	-123.76	-146.96
23169	-7.31	-9.71	-10.50	823.64	323.62	-919.74	9.22	-142.10	-152.60
23170	-8.42	-9.66	-10.50	793.63	330.97	-971.76	0.13	-164.61	-159.87
23171	-9.52	-9.60	-10.50	762.74	337.64	-1025.31	-8.25	-192.09	-168.90
23172	-10.62	-9.54	-10.50	730.87	343.48	-1079.11	-16.22	-225.30	-179.69
23173	-0.60	-11.68	-10.50	919.28	248.21	-657.36	90.49	-70.64	-155.20
23174	-1.80	-11.64	-10.50	900.15	257.88	-701.36	74.16	-79.08	-157.61
23175	-2.99	-11.58	-10.50	879.43	267.68	-746.81	58.82	-89.32	-160.65
23176	-4.16	-11.50	-10.50	857.22	277.49	-793.73	44.54	-101.77	-164.49
23177	-5.32	-11.40	-10.50	833.65	287.19	-842.13	31.36	-116.84	-169.27
23178	-6.47	-11.28	-10.50	808.91	296.64	-891.94	19.29	-135.00	-175.14
23179	-7.60	-11.15	-10.50	783.19	305.71	-942.94	8.24	-156.74	-182.19
23180	-8.72	-10.99	-10.50	756.63	314.24	-994.60	-1.91	-182.54	-190.43
23181	-9.83	-10.82	-10.50	729.23	322.10	-1045.96	-11.40	-212.83	-199.72
23182	-10.92	-10.63	-10.50	700.74	329.19	-1095.61	-20.55	-247.88	-209.67
23183	-0.63	-13.48	-10.50	857.65	226.63	-666.15	94.86	-71.08	-181.58
23184	-1.88	-13.42	-10.50	841.25	235.83	-713.28	77.21	-82.11	-186.10
23185	-3.11	-13.32	-10.50	823.51	245.50	-761.58	60.64	-95.21	-191.26
23186	-4.33	-13.19	-10.50	804.49	255.47	-810.84	45.19	-110.77	-197.10
23187	-5.53	-13.03	-10.50	784.31	265.56	-860.82	30.89	-129.16	-203.64
23188	-6.70	-12.83	-10.50	763.08	275.62	-911.21	17.69	-150.69	-210.85
23189	-7.86	-12.61	-10.50	740.93	285.46	-961.52	5.47	-175.66	-218.61
23190	-8.99	-12.35	-10.50	717.88	294.91	-1011.04	-5.96	-204.23	-226.73
23191	-10.11	-12.06	-10.50	693.85	303.83	-1058.79	-16.82	-236.46	-234.89
23192	-11.19	-11.74	-10.50	668.63	312.19	-1103.51	-27.31	-272.18	-242.64
23193	-0.65	-15.28	-10.50	792.86	203.40	-671.79	95.95	-74.77	-215.39
23194	-1.95	-15.20	-10.50	779.52	211.58	-720.81	77.37	-88.88	-222.48
23195	-3.22	-15.07	-10.50	765.09	220.54	-770.51	59.77	-105.23	-229.93
23196	-4.47	-14.90	-10.50	749.57	230.10	-820.50	43.23	-124.10	-237.61
23197	-5.71	-14.67	-10.50	732.99	240.08	-870.37	27.72	-145.74	-245.36
23198	-6.91	-14.40	-10.50	715.39	250.32	-919.67	13.22	-170.27	-252.97
23199	-8.09	-14.08	-10.50	696.77	260.67	-967.86	-0.39	-197.74	-260.16
23200	-9.24	-13.72	-10.50	677.09	271.02	-1014.29	-13.23	-228.04	-266.60
23201	-10.36	-13.31	-10.50	656.19	281.27	-1058.18	-25.46	-260.97	-271.95
23202	-11.45	-12.86	-10.50	633.90	291.35	-1098.69	-37.17	-296.22	-275.86
23203	-0.67	-17.07	-10.50	726.40	174.45	-663.97	93.49	-82.10	-252.62
23204	-1.99	-16.99	-10.50	716.18	180.98	-713.00	74.03	-99.32	-262.16
23205	-3.30	-16.84	-10.50	705.09	188.68	-762.33	55.34	-118.72	-271.48
23206	-4.59	-16.62	-10.50	693.03	197.43	-811.50	37.50	-140.47	-280.29
23207	-5.85	-16.34	-10.50	679.95	207.11	-860.06	20.55	-164.63	-288.30
23208	-7.09	-15.99	-10.50	665.80	217.58	-907.57	4.51	-191.16	-295.18
23209	-8.29	-15.58	-10.50	650.52	228.77	-953.59	-10.60	-219.91	-300.62
23210	-9.46	-15.11	-10.50	634.06	240.60	-997.66	-24.78	-250.62	-304.29
23211	-10.60	-14.58	-10.50	616.30	253.01	-1039.30	-38.00	-282.93	-305.89
23212	-11.69	-14.00	-10.50	597.10	265.87	-1078.00	-50.25	-316.61	-305.19
23213	-0.68	-18.88	-10.50	659.55	136.24	-632.87	86.99	-92.87	-281.71
23214	-2.02	-18.79	-10.50	652.19	140.64	-679.76	66.57	-112.22	-292.65
23215	-3.36	-18.61	-10.50	644.16	146.84	-727.12	46.62	-133.49	-302.81
23216	-4.68	-18.35	-10.50	635.27	154.81	-774.53	27.29	-156.72	-311.87
23217	-5.97	-18.01	-10.50	625.40	164.49	-821.63	8.72	-181.90	-319.50
23218	-7.23	-17.59	-10.50	614.44	175.82	-868.04	-8.90	-208.90	-325.37
23219	-8.47	-17.09	-10.50	602.32	188.72	-913.46	-25.40	-237.51	-329.17
23220	-9.66	-16.51	-10.50	589.02	203.12	-957.56	-40.61	-267.45	-330.66
23221	-10.81	-15.87	-10.50	574.54	218.89	-1000.02	-54.36	-298.39	-329.61
23222	-11.91	-15.15	-10.50	558.84	235.86	-1040.48	-66.49	-329.91	-325.71
23223	-16.80	-9.56	-10.50	476.05	350.97	-1239.79	-86.84	-501.14	-242.85
23224	-16.19	-10.65	-10.50	485.72	331.21	-1209.78	-90.40	-477.28	-264.47
23225	-15.52	-11.69	-10.50	496.22	310.72	-1177.96	-91.86	-452.23	-283.65
23226	-15.79	-9.48	-10.50	531.83	353.70	-1247.58	-69.87	-460.70	-238.46
23227	-15.37	-10.42	-10.50	532.72	337.03	-1220.94	-73.75	-445.51	-258.03
23228	-14.91	-11.34	-10.50	534.29	319.53	-1192.65	-76.22	-429.00	-274.95
23229	-14.78	-9.40	-10.50	581.30	355.35	-1238.45	-54.93	-412.01	-227.43
23230	-14.55	-10.21	-10.50	575.11	341.66	-1219.28	-59.11	-407.61	-246.53
23231	-14.30	-11.00	-10.50	570.31	327.03	-1197.84	-62.66	-398.89	-263.85
23232	-12.93	-14.37	-10.50	542.87	252.86	-1078.28	-76.74	-361.63	-321.28
23233	-12.65	-13.39	-10.50	579.20	277.99	-1111.35	-60.50	-348.27	-303.72
23234	-12.36	-12.43	-10.50	613.52	299.72	-1130.79	-46.84	-328.62	-278.65
23235	-13.86	-13.54	-10.50	526.97	271.29	-1113.13	-84.48	-392.02	-312.12
23236	-13.48	-12.78	-10.50	562.32	290.65	-1139.66	-68.30	-376.60	-297.59
23237	-13.10	-12.03	-10.50	595.48	307.40	-1155.01	-54.34	-355.79	-277.46
23238	-14.74	-12.66	-10.50	510.65	290.11	-1145.81	-90.06	-421.99	-300.50
23239	-14.28	-12.13	-10.50	544.68	303.67	-1165.66	-74.55	-404.27	-289.63
23240	-13.81	-11.61	-10.50	576.70	315.93	-1176.53	-60.89	-382.95	-272.53
23241	-17.76	-9.62	-9.50	306.95	291.69	-1230.14	-97.26	-600.16	-268.00
23242	-17.06	-10.82	-9.50	320.98	271.75	-1198.79	-102.64	-569.92	-294.89
23243	-16.27	-11.98	-9.50	336.42	250.66	-1165.20	-105.40	-537.32	-318.59
23244	-15.40	-13.08	-9.50	352.50	228.86	-1129.54	-105.13	-502.60	-338.86
23245	-14.46	-14.11	-9.50	368.55	207.36	-1091.83	-101.90	-466.81	-354.74
23246	-13.44	-15.08	-9.50	384.08	186.61	-1052.11	-95.98	-430.49	-366.96
23247	-12.37	-15.98	-9.50	398.56	166.80	-1010.56	-87.62	-394.45	-375.27
23248	-11.23	-16.80	-9.50	412.08	148.13	-967.34	-77.12	-358.66	-380.60
23249	-10.04	-17.54	-9.50	424.34	131.08	-922.62	-64.54	-323.36	-382.70
23250	-8.80	-18.19	-9.50	435.14	115.85	-876.72	-50.24	-288.97	-381.73
23251	-7.52	-18.76	-9.50	444.41	102.59	-829.94	-34.51	-255.84	-377.95
23252	-6.20	-19.23	-9.50	452.13	91.42	-782.61	-17.67	-224.25	-371.67
23253	-4.86	-19.62	-9.50	458.39	82.37	-735.06	-0.01	-194.42	-363.26
23254	-3.49	-19.90	-9.50	463.31	75.46	-687.62	18.14	-166.50	-353.07
23255	-2.10	-20.10	-9.50	467.06	70.71	-640.64	36.47	-140.56	-341.47
23256	-0.70	-20.20	-9.50	469.83	68.18	-594.46	54.75	-116.50	-328.79
23257	-18.68	-9.66	-9.50	217.92	296.73	-1114.28	-126.61	-590.58	-229.37
23258	-17.95	-10.95	-9.50	236.97	272.08	-1085.25	-135.45	-562.41	-255.77
23259	-17.14	-12.19	-9.50	257.45	246.02	-1053.94	-140.81	-532.20	-279.24
23260	-16.24	-13.37	-9.50	278.75	219.29	-1020.57	-142.42	-500.27	-299.39
23261	-15.26	-14.48	-9.50	300.15	192.60	-985.30	-140.20	-467.12	-315.95
23262	-14.20	-15.53	-9.50	320.91	166.71	-948.19	-134.25	-433.37	-328.82
23263	-13.07	-16.49	-9.50	340.46	142.19	-909.33	-124.91	-399.49	-338.26
23264	-11.88	-17.37	-9.50	358.39	119.42	-868.87	-112.52	-365.81	-344.47
23265	-10.62	-18.17	-9.50	374.35	98.88	-826.97	-97.43	-332.56	-347.70

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
23266	-9.32	-18.87	-9.50	388.06	80.93	-783.88	-80.10	-299.99	-348.07
23267	-7.96	-19.48	-9.50	399.37	65.77	-739.87	-61.00	-268.39	-345.80
23268	-6.57	-19.99	-9.50	408.25	53.51	-695.26	-40.61	-237.99	-341.18
23269	-5.14	-20.41	-9.50	414.83	44.13	-650.41	-19.38	-208.97	-334.57
23270	-3.69	-20.72	-9.50	419.35	37.56	-605.67	2.18	-181.47	-326.35
23271	-2.22	-20.93	-9.50	422.08	33.72	-561.33	23.57	-155.62	-316.85
23272	-0.74	-21.03	-9.50	423.20	32.68	-517.60	44.33	-131.37	-306.15
23273	-19.60	-9.70	-9.50	140.55	307.33	-988.76	-146.23	-512.50	-161.49
23274	-18.85	-11.08	-9.50	163.42	279.09	-963.03	-158.83	-491.11	-183.24
23275	-18.01	-12.41	-9.50	187.93	249.12	-934.87	-167.11	-468.23	-202.73
23276	-17.08	-13.67	-9.50	213.38	218.23	-904.57	-170.86	-444.09	-219.78
23277	-16.06	-14.85	-9.50	238.94	187.31	-872.38	-170.03	-419.03	-234.21
23278	-14.95	-15.97	-9.50	263.80	157.18	-838.43	-164.71	-393.40	-245.96
23279	-13.77	-17.00	-9.50	287.22	128.57	-802.83	-155.20	-367.53	-255.15
23280	-12.52	-17.94	-9.50	308.61	102.12	-765.69	-141.92	-341.64	-261.96
23281	-11.20	-18.79	-9.50	327.46	78.37	-727.18	-125.37	-315.88	-266.57
23282	-9.83	-19.55	-9.50	343.41	57.76	-687.49	-106.12	-290.37	-269.12
23283	-8.41	-20.20	-9.50	356.23	40.58	-646.88	-84.79	-265.24	-269.74
23284	-6.94	-20.76	-9.50	365.87	26.94	-605.67	-61.97	-240.55	-268.66
23285	-5.43	-21.20	-9.50	372.47	16.83	-564.26	-38.26	-216.32	-266.16
23286	-3.90	-21.54	-9.50	376.43	10.06	-523.15	-14.26	-192.63	-262.62
23287	-2.35	-21.76	-9.50	378.22	6.48	-482.71	9.28	-169.75	-258.26
23288	-0.78	-21.87	-9.50	377.94	6.18	-442.67	31.56	-148.02	-252.78
23289	-20.51	-9.75	-9.50	86.32	323.19	-883.68	-152.45	-373.91	-73.26
23290	-19.75	-11.21	-9.50	110.45	293.42	-861.41	-168.31	-363.43	-85.95
23291	-18.89	-12.62	-9.50	136.56	261.34	-836.39	-179.25	-352.35	-97.67
23292	-17.92	-13.96	-9.50	163.84	228.05	-808.98	-185.24	-340.74	-108.41
23293	-16.86	-15.22	-9.50	191.24	194.52	-779.54	-186.19	-328.68	-118.10
23294	-15.71	-16.41	-9.50	217.90	161.65	-748.30	-182.20	-316.28	-126.72
23295	-14.48	-17.51	-9.50	243.02	130.27	-715.41	-173.56	-303.61	-134.35
23296	-13.17	-18.52	-9.50	265.89	101.12	-681.01	-160.72	-290.67	-141.13
23297	-11.79	-19.42	-9.50	285.92	74.84	-645.26	-144.22	-277.40	-147.17
23298	-10.35	-20.23	-9.50	302.69	51.94	-608.33	-124.72	-263.71	-152.51
23299	-8.85	-20.93	-9.50	315.89	32.76	-570.48	-102.90	-249.48	-157.20
23300	-7.30	-21.52	-9.50	325.43	17.50	-532.03	-79.46	-234.55	-161.27
23301	-5.72	-21.99	-9.50	331.42	6.12	-493.48	-55.03	-218.68	-164.84
23302	-4.11	-22.35	-9.50	334.41	-1.55	-455.69	-30.27	-201.73	-168.13
23303	-2.47	-22.59	-9.50	335.19	-5.63	-419.33	-6.07	-184.22	-171.22
23304	-0.83	-22.71	-9.50	333.78	-6.07	-383.27	16.54	-167.26	-173.30
23305	-21.43	-9.79	-9.50	59.46	342.77	-823.55	-145.62	-170.84	33.59
23306	-20.65	-11.34	-9.50	81.44	313.09	-804.43	-163.23	-174.99	34.69
23307	-19.76	-12.83	-9.50	106.64	281.05	-781.66	-176.37	-180.40	35.26
23308	-18.76	-14.25	-9.50	132.85	247.45	-755.99	-184.47	-186.29	34.73
23309	-17.66	-15.59	-9.50	159.25	213.29	-727.97	-187.43	-192.48	32.97
23310	-16.47	-16.85	-9.50	184.96	179.50	-697.97	-185.39	-198.75	29.96
23311	-15.18	-18.02	-9.50	209.17	146.94	-666.24	-178.62	-204.84	25.61
23312	-13.81	-19.09	-9.50	231.16	116.39	-632.93	-167.54	-210.40	19.85
23313	-12.37	-20.05	-9.50	250.30	88.53	-598.24	-152.70	-215.04	12.67
23314	-10.86	-20.91	-9.50	266.14	63.91	-562.34	-134.74	-218.34	4.12
23315	-9.29	-21.65	-9.50	278.36	42.91	-525.49	-114.35	-219.88	-5.63
23316	-7.67	-22.28	-9.50	286.80	25.79	-488.04	-92.26	-219.20	-16.38
23317	-6.01	-22.78	-9.50	291.54	12.61	-450.64	-69.16	-215.72	-27.89
23318	-4.32	-23.17	-9.50	293.16	3.27	-414.53	-45.73	-209.06	-39.90
23319	-2.60	-23.42	-9.50	292.62	-2.28	-380.60	-22.69	-199.96	-51.93
23320	-0.87	-23.55	-9.50	289.87	-4.13	-346.75	-0.79	-189.99	-63.10
23321	-17.76	-9.62	-10.50	395.28	348.20	-1202.69	-110.57	-529.00	-234.33
23322	-17.06	-10.82	-10.50	411.84	324.82	-1172.41	-115.93	-502.29	-257.97
23323	-16.27	-11.98	-10.50	429.83	300.29	-1139.95	-118.29	-473.47	-278.83
23324	-15.40	-13.08	-10.50	448.46	275.05	-1105.53	-117.24	-442.75	-296.69
23325	-14.46	-14.11	-10.50	467.12	250.23	-1069.12	-112.87	-411.21	-310.56
23326	-13.44	-15.08	-10.50	485.30	226.28	-1030.67	-105.40	-379.35	-321.20
23327	-12.37	-15.98	-10.50	502.36	203.52	-990.32	-95.11	-347.86	-328.45
23328	-11.23	-16.80	-10.50	518.45	182.17	-948.27	-82.36	-316.66	-333.16
23329	-10.04	-17.54	-10.50	533.25	162.79	-904.73	-67.26	-285.91	-335.11
23330	-8.80	-18.19	-10.50	546.58	145.58	-860.03	-50.18	-255.99	-334.39
23331	-7.52	-18.76	-10.50	558.36	130.71	-814.45	-31.45	-227.20	-331.21
23332	-6.20	-19.23	-10.50	568.60	118.27	-768.30	-11.36	-199.78	-325.85
23333	-4.86	-19.62	-10.50	577.38	108.34	-721.85	9.75	-173.93	-318.63
23334	-3.49	-19.90	-10.50	584.85	100.90	-675.42	31.57	-149.75	-309.87
23335	-2.10	-20.10	-10.50	591.21	95.98	-629.29	53.79	-127.29	-299.89
23336	-0.70	-20.20	-10.50	596.70	93.63	-583.82	76.16	-106.44	-289.00
23337	-18.68	-9.66	-10.50	292.53	346.69	-1133.95	-136.93	-519.86	-199.00
23338	-17.95	-10.95	-10.50	313.67	319.40	-1104.78	-146.11	-495.15	-222.07
23339	-17.14	-12.19	-10.50	336.33	290.65	-1073.23	-151.53	-468.67	-242.65
23340	-16.24	-13.37	-10.50	359.90	261.21	-1039.56	-152.94	-440.67	-260.35
23341	-15.26	-14.48	-10.50	383.71	231.81	-1003.94	-150.22	-411.65	-274.86
23342	-14.20	-15.53	-10.50	407.03	203.22	-966.42	-143.43	-382.22	-286.09
23343	-13.07	-16.49	-10.50	429.28	176.09	-927.03	-132.90	-352.77	-294.35
23344	-11.88	-17.37	-10.50	450.02	150.88	-885.92	-118.98	-323.57	-299.84
23345	-10.62	-18.17	-10.50	468.89	128.10	-843.32	-102.04	-294.78	-302.79
23346	-9.32	-18.87	-10.50	485.61	108.14	-799.48	-82.54	-266.60	-303.29
23347	-7.96	-19.48	-10.50	500.03	91.23	-754.67	-60.96	-239.28	-301.51
23348	-6.57	-19.99	-10.50	512.10	77.49	-709.21	-37.75	-213.01	-297.71
23349	-5.14	-20.41	-10.50	521.93	66.94	-663.41	-13.35	-187.92	-292.19
23350	-3.69	-20.72	-10.50	529.76	59.48	-617.61	11.78	-164.12	-285.33
23351	-2.22	-20.93	-10.50	535.86	55.03	-572.05	37.12	-141.72	-277.39
23352	-0.74	-21.03	-10.50	540.41	53.71	-526.94	62.17	-120.64	-268.47
23353	-19.60	-9.70	-10.50	196.58	349.56	-1054.84	-155.45	-452.11	-138.86
23354	-18.85	-11.08	-10.50	221.23	319.33	-1027.60	-168.87	-433.40	-157.80
23355	-18.01	-12.41	-10.50	247.84	287.29	-997.72	-177.78	-413.45	-174.84
23356	-17.08	-13.67	-10.50	275.62	254.26	-965.56	-181.97	-392.47	-189.83
23357	-16.06	-14.85	-10.50	303.77	221.14	-931.37	-181.32	-370.72	-202.51
23358	-14.95	-15.97	-10.50	331.49	188.70	-895.26	-175.88	-348.53	-212.81
23359	-13.77	-17.00	-10.50	358.06	157.75	-857.33	-165.91	-326.19	-220.89
23360	-12.52	-17.94	-10.50	382.84	128.98	-817.70	-151.79	-303.88	-226.95
23361	-11.20	-18.79	-10.50	405.33	102.99	-776.57	-134.03	-281.70	-231.15
23362	-9.83	-19.55	-10.50	425.12	80.26	-734.16	-113.16	-259.75	-233.61
23363	-8.41	-20.20	-10.50	441.98	61.12	-690.73	-89.78	-238.12	-234.44
23364	-6.94	-20.76	-10.50	455.78	45.74	-646.59	-64.45	-216.84	-233.82

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
23365	-5.43	-21.20	-10.50	466.61	34.12	-602.13	-37.67	-195.89	-232.02
23366	-3.90	-21.54	-10.50	474.81	26.07	-557.88	-9.98	-175.25	-229.43
23367	-2.35	-21.76	-10.50	480.92	21.29	-514.27	17.88	-155.18	-226.44
23368	-0.78	-21.87	-10.50	485.05	20.12	-471.15	44.78	-136.23	-222.71
23369	-20.51	-9.75	-10.50	118.33	356.67	-992.38	-162.60	-329.57	-60.18
23370	-19.75	-11.21	-10.50	144.27	325.41	-967.35	-179.86	-320.67	-70.95
23371	-18.89	-12.62	-10.50	172.75	291.70	-939.25	-192.09	-311.36	-81.01
23372	-17.92	-13.96	-10.50	202.82	256.67	-908.53	-199.22	-301.68	-90.34
23373	-16.86	-15.22	-10.50	233.39	221.28	-875.59	-201.07	-291.66	-98.79
23374	-15.71	-16.41	-10.50	263.64	186.38	-840.61	-197.68	-281.38	-106.35
23375	-14.48	-17.51	-10.50	292.74	152.81	-803.74	-189.28	-270.89	-113.10
23376	-13.17	-18.52	-10.50	319.98	121.38	-765.13	-176.25	-260.18	-119.20
23377	-11.79	-19.42	-10.50	344.73	92.79	-724.98	-159.10	-249.17	-124.74
23378	-10.35	-20.23	-10.50	366.51	67.60	-683.51	-138.44	-237.75	-129.78
23379	-8.85	-20.93	-10.50	384.99	46.23	-640.97	-114.90	-225.82	-134.32
23380	-7.30	-21.52	-10.50	399.97	28.90	-597.67	-89.10	-213.20	-138.41
23381	-5.72	-21.99	-10.50	411.38	15.71	-554.11	-61.58	-199.58	-142.12
23382	-4.11	-22.35	-10.50	419.62	6.41	-511.32	-32.81	-184.54	-145.84
23383	-2.47	-22.59	-10.50	425.88	0.76	-470.70	-3.71	-168.58	-150.11
23384	-0.83	-22.71	-10.50	430.25	-0.66	-431.17	23.91	-153.93	-153.93
23385	-21.43	-9.79	-10.50	71.50	367.36	-988.63	-154.52	-150.72	34.80
23386	-20.65	-11.34	-10.50	95.08	337.08	-965.60	-173.77	-155.10	36.40
23387	-19.76	-12.83	-10.50	122.46	304.30	-938.11	-188.61	-160.68	37.43
23388	-18.76	-14.25	-10.50	151.36	269.82	-907.31	-198.38	-166.74	37.26
23389	-17.66	-15.59	-10.50	180.97	234.60	-873.87	-202.90	-173.10	35.87
23390	-16.47	-16.85	-10.50	210.42	199.50	-838.13	-202.23	-179.54	33.26
23391	-15.18	-18.02	-10.50	238.93	165.35	-800.32	-196.53	-185.83	29.35
23392	-13.81	-19.09	-10.50	265.75	132.96	-760.63	-186.15	-191.63	24.06
23393	-12.37	-20.05	-10.50	290.25	103.06	-719.29	-171.53	-196.59	17.38
23394	-10.86	-20.91	-10.50	311.89	76.24	-676.53	-153.22	-200.29	9.37
23395	-9.29	-21.65	-10.50	330.31	52.97	-632.63	-131.82	-202.33	0.17
23396	-7.67	-22.28	-10.50	345.23	33.60	-587.95	-107.95	-202.29	-10.00
23397	-6.01	-22.78	-10.50	356.39	18.31	-543.11	-82.17	-199.48	-20.95
23398	-4.32	-23.17	-10.50	364.17	7.07	-499.90	-55.03	-193.04	-32.59
23399	-2.60	-23.42	-10.50	370.12	-0.09	-460.83	-27.25	-183.80	-44.77
23400	-0.87	-23.55	-10.50	374.36	-2.70	-423.20	-0.19	-175.52	-56.23
23401	0.62	-1.65	-11.67	1384.71	436.38	-630.93	25.14	-68.04	-42.25
23402	1.85	-1.65	-11.67	1418.07	418.00	-593.71	30.55	-67.57	-42.30
23403	3.08	-1.65	-11.67	1451.75	398.67	-557.22	36.15	-67.31	-42.12
23404	4.31	-1.65	-11.67	1486.05	378.47	-521.80	41.93	-66.71	-41.72
23405	5.55	-1.65	-11.67	1521.14	357.49	-487.91	47.87	-64.97	-41.08
23406	6.78	-1.65	-11.67	1557.05	335.85	-456.06	53.95	-60.99	-40.22
23407	8.01	-1.65	-11.67	1593.55	313.73	-426.79	60.12	-53.36	-39.12
23408	9.25	-1.65	-11.67	1630.11	291.39	-400.61	66.32	-40.39	-37.81
23409	10.48	-1.65	-11.67	1665.85	269.20	-377.90	72.43	-20.10	-36.27
23410	11.71	-1.65	-11.67	1699.48	247.69	-358.84	78.30	9.61	-34.52
23411	12.94	-1.65	-11.67	1729.31	227.63	-343.28	83.68	50.83	-32.51
23412	14.18	-1.65	-11.67	1753.24	210.09	-330.69	88.26	105.42	-30.16
23413	15.41	-1.65	-11.67	1769.03	196.57	-320.16	91.57	174.63	-27.37
23414	16.64	-1.65	-11.67	1774.71	189.06	-310.67	92.99	258.69	-23.93
23415	17.87	-1.65	-11.67	1769.66	190.28	-301.77	91.66	356.35	-19.61
23416	19.11	-1.65	-11.67	1756.44	203.92	-293.84	86.63	464.16	-14.09
23417	0.62	-0.55	-11.67	1393.01	445.27	-637.49	9.04	-68.22	-33.38
23418	1.85	-0.55	-11.67	1426.74	426.65	-600.18	12.09	-67.60	-33.23
23419	3.09	-0.55	-11.67	1460.79	407.02	-563.58	15.19	-67.19	-32.85
23420	4.33	-0.55	-11.67	1495.48	386.46	-528.06	18.31	-66.43	-32.26
23421	5.56	-0.55	-11.67	1531.00	365.05	-494.07	21.44	-64.53	-31.44
23422	6.80	-0.55	-11.67	1567.35	342.95	-462.14	24.54	-60.37	-30.39
23423	8.04	-0.55	-11.67	1604.30	320.33	-432.82	27.61	-52.53	-29.13
23424	9.27	-0.55	-11.67	1641.31	297.48	-406.62	30.59	-39.28	-27.65
23425	10.51	-0.55	-11.67	1677.46	274.80	-383.94	33.43	-18.65	-25.95
23426	11.75	-0.55	-11.67	1711.39	252.89	-364.97	36.07	11.50	-24.05
23427	12.98	-0.55	-11.67	1741.33	232.59	-349.56	38.40	53.28	-21.94
23428	14.22	-0.55	-11.67	1765.07	215.05	-337.16	40.27	108.57	-19.60
23429	15.46	-0.55	-11.67	1780.20	201.84	-326.82	41.50	178.59	-17.02
23430	16.69	-0.55	-11.67	1784.59	195.04	-317.50	41.85	263.48	-14.18
23431	17.93	-0.55	-11.67	1777.46	197.35	-308.65	40.99	361.87	-11.02
23432	19.17	-0.55	-11.67	1761.37	212.28	-300.61	38.58	470.11	-7.45
23433	0.62	0.55	-11.67	1397.13	453.08	-644.24	-7.12	-68.04	-24.40
23434	1.85	0.55	-11.67	1430.80	434.42	-606.94	-6.47	-67.21	-24.03
23435	3.09	0.55	-11.67	1464.77	414.71	-570.35	-5.94	-66.58	-23.45
23436	4.33	0.55	-11.67	1499.34	394.03	-534.84	-5.54	-65.61	-22.66
23437	5.56	0.55	-11.67	1534.69	372.48	-500.87	-5.30	-63.50	-21.65
23438	6.80	0.55	-11.67	1570.85	350.19	-468.96	-5.23	-59.12	-20.43
23439	8.04	0.55	-11.67	1607.58	327.36	-439.66	-5.34	-51.07	-18.99
23440	9.27	0.55	-11.67	1644.34	304.27	-413.50	-5.62	-37.62	-17.33
23441	10.51	0.55	-11.67	1680.21	281.33	-390.85	-6.07	-16.79	-15.46
23442	11.75	0.55	-11.67	1713.84	259.14	-371.89	-6.65	13.55	-13.39
23443	12.98	0.55	-11.67	1743.44	238.55	-356.49	-7.34	55.50	-11.14
23444	14.22	0.55	-11.67	1766.81	220.72	-344.05	-8.05	110.92	-8.77
23445	15.46	0.55	-11.67	1781.54	207.22	-333.64	-8.70	181.03	-6.36
23446	16.69	0.55	-11.67	1785.51	200.12	-324.16	-9.12	265.96	-4.03
23447	17.93	0.55	-11.67	1777.93	202.09	-315.09	-9.14	364.31	-1.93
23448	19.17	0.55	-11.67	1761.38	216.66	-306.78	-8.51	472.40	-0.22
23449	0.62	1.65	-11.67	1397.01	459.48	-650.90	-23.26	-67.51	-15.18
23450	1.85	1.65	-11.67	1430.23	440.97	-613.69	-25.03	-66.40	-14.62
23451	3.08	1.65	-11.67	1463.65	421.41	-577.22	-27.06	-65.50	-13.84
23452	4.31	1.65	-11.67	1497.58	400.87	-541.83	-29.38	-64.26	-12.86
23453	5.55	1.65	-11.67	1532.20	379.44	-507.99	-32.01	-61.88	-11.67
23454	6.78	1.65	-11.67	1567.54	357.26	-476.21	-34.96	-57.26	-10.27
23455	8.01	1.65	-11.67	1603.37	334.50	-447.03	-38.22	-49.00	-8.66
23456	9.25	1.65	-11.67	1639.19	311.44	-420.94	-41.76	-35.41	-6.82
23457	10.48	1.65	-11.67	1674.10	288.45	-398.32	-45.50	-14.52	-4.78
23458	11.71	1.65	-11.67	1706.82	266.11	-379.33	-49.33	15.74	-2.54
23459	12.94	1.65	-11.67	1735.65	245.20	-363.78	-53.08	57.46	-0.18
23460	14.18	1.65	-11.67	1758.49	226.81	-351.09	-56.50	112.46	2.20
23461	15.41	1.65	-11.67	1773.09	212.41	-340.30	-59.22	181.96	4.38
23462	16.64	1.65	-11.67	1777.50	204.01	-330.36	-60.71	266.11	6.09
23463	17.87	1.65	-11.67	1771.12	204.24	-320.81	-60.27	363.64	6.98

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
23464	19.11	1.65	-11.67	1756.54	216.78	-312.08	-57.03	471.08	6.72
23465	0.62	-1.65	-13.00	1639.68	549.27	-622.69	30.50	-51.08	-23.38
23466	1.85	-1.65	-13.00	1679.09	527.26	-585.60	36.87	-52.40	-23.48
23467	3.08	-1.65	-13.00	1720.71	504.46	-548.82	43.51	-53.82	-23.45
23468	4.31	-1.65	-13.00	1764.74	480.88	-512.48	50.42	-54.95	-23.27
23469	5.55	-1.65	-13.00	1811.16	456.53	-476.79	57.59	-55.21	-22.97
23470	6.78	-1.65	-13.00	1859.66	431.44	-441.98	65.01	-53.81	-22.52
23471	8.01	-1.65	-13.00	1909.53	405.60	-408.28	72.65	-49.73	-21.95
23472	9.25	-1.65	-13.00	1959.52	379.07	-375.92	80.45	-41.71	-21.26
23473	10.48	-1.65	-13.00	2007.81	351.94	-345.09	88.31	-28.31	-20.45
23474	11.71	-1.65	-13.00	2051.87	324.39	-315.88	96.08	-7.91	-19.52
23475	12.94	-1.65	-13.00	2088.42	296.78	-288.26	103.49	21.11	-18.45
23476	14.18	-1.65	-13.00	2113.43	269.73	-262.08	110.18	60.30	-17.17
23477	15.41	-1.65	-13.00	2122.21	244.22	-237.11	115.61	111.00	-15.62
23478	16.64	-1.65	-13.00	2109.69	221.76	-213.30	119.13	174.33	-13.76
23479	17.87	-1.65	-13.00	2070.92	204.47	-191.06	119.93	251.29	-11.60
23480	19.11	-1.65	-13.00	2001.99	195.14	-172.45	117.06	343.50	-9.29
23481	0.62	-0.55	-13.00	1649.23	560.22	-629.04	10.81	-50.63	-18.22
23482	1.85	-0.55	-13.00	1689.09	537.96	-591.84	14.65	-51.87	-18.14
23483	3.09	-0.55	-13.00	1731.18	514.85	-554.95	18.56	-53.20	-17.92
23484	4.33	-0.55	-13.00	1775.71	490.89	-518.50	22.50	-54.23	-17.56
23485	5.56	-0.55	-13.00	1822.68	466.11	-482.70	26.45	-54.39	-17.05
23486	6.80	-0.55	-13.00	1871.76	440.52	-447.78	30.41	-52.88	-16.40
23487	8.04	-0.55	-13.00	1922.21	414.14	-413.98	34.32	-48.67	-15.61
23488	9.27	-0.55	-13.00	1972.78	387.05	-381.54	38.16	-40.48	-14.68
23489	10.51	-0.55	-13.00	2021.57	359.38	-350.65	41.87	-26.84	-13.61
23490	11.75	-0.55	-13.00	2065.98	331.35	-321.40	45.36	-6.13	-12.41
23491	12.98	-0.55	-13.00	2102.62	303.40	-293.77	48.52	23.29	-11.06
23492	14.22	-0.55	-13.00	2127.30	276.22	-267.60	51.20	62.99	-9.57
23493	15.46	-0.55	-13.00	2135.16	250.88	-242.65	53.19	114.29	-7.95
23494	16.69	-0.55	-13.00	2120.94	228.93	-218.83	54.25	178.23	-6.20
23495	17.93	-0.55	-13.00	2079.54	212.52	-196.53	54.12	255.72	-4.41
23496	19.17	-0.55	-13.00	2006.99	204.27	-177.77	52.43	348.27	-2.66
23497	0.62	0.55	-13.00	1654.40	570.25	-635.61	-8.28	-50.52	-13.05
23498	1.85	0.55	-13.00	1694.20	547.94	-598.42	-7.03	-51.61	-12.79
23499	3.09	0.55	-13.00	1736.18	524.73	-561.53	-5.94	-52.81	-12.38
23500	4.33	0.55	-13.00	1780.56	500.64	-525.09	-5.04	-53.70	-11.83
23501	5.56	0.55	-13.00	1827.33	475.68	-489.29	-4.37	-53.72	-11.13
23502	6.80	0.55	-13.00	1876.17	449.86	-454.38	-3.96	-52.07	-10.28
23503	8.04	0.55	-13.00	1926.34	423.23	-420.60	-3.84	-47.71	-9.28
23504	9.27	0.55	-13.00	1976.58	395.83	-388.18	-4.03	-39.38	-8.11
23505	10.51	0.55	-13.00	2025.01	367.81	-357.31	-4.53	-25.60	-6.77
23506	11.75	0.55	-13.00	2069.02	339.42	-328.07	-5.32	-4.76	-5.28
23507	12.98	0.55	-13.00	2105.21	311.08	-300.45	-6.38	24.78	-3.66
23508	14.22	0.55	-13.00	2129.42	283.49	-274.26	-7.62	64.57	-1.94
23509	15.46	0.55	-13.00	2136.79	257.73	-249.27	-8.90	115.93	-0.18
23510	16.69	0.55	-13.00	2122.08	235.33	-225.38	-10.02	179.87	1.52
23511	17.93	0.55	-13.00	2080.23	218.43	-202.96	-10.73	257.29	3.05
23512	19.17	0.55	-13.00	2007.30	209.62	-184.04	-10.85	349.67	4.37
23513	0.62	1.65	-13.00	1655.32	579.83	-641.78	-28.01	-50.73	-8.08
23514	1.85	1.65	-13.00	1694.55	557.66	-604.70	-29.36	-51.65	-7.64
23515	3.08	1.65	-13.00	1735.85	534.58	-567.93	-31.08	-52.65	-7.04
23516	4.31	1.65	-13.00	1779.42	510.59	-531.61	-33.22	-53.36	-6.30
23517	5.55	1.65	-13.00	1825.26	485.71	-495.95	-35.83	-53.19	-5.40
23518	6.78	1.65	-13.00	1873.05	459.94	-461.18	-38.96	-51.37	-4.33
23519	8.01	1.65	-13.00	1922.07	433.31	-427.52	-42.62	-46.86	-3.09
23520	9.25	1.65	-13.00	1971.10	405.86	-395.22	-46.82	-38.42	-1.67
23521	10.48	1.65	-13.00	2018.30	377.70	-364.43	-51.52	-24.59	-0.05
23522	11.71	1.65	-13.00	2061.15	349.04	-335.26	-56.63	-3.80	1.73
23523	12.94	1.65	-13.00	2096.38	320.26	-307.65	-61.95	25.57	3.64
23524	14.18	1.65	-13.00	2119.98	292.00	-281.43	-67.21	65.04	5.59
23525	15.41	1.65	-13.00	2127.30	265.23	-256.35	-71.95	115.91	7.42
23526	16.64	1.65	-13.00	2113.32	241.43	-232.32	-75.56	179.24	8.99
23527	17.87	1.65	-13.00	2073.17	222.71	-209.73	-77.25	255.98	10.12
23528	19.11	1.65	-13.00	2003.05	211.70	-190.67	-76.29	347.79	10.91
23529	0.62	-1.65	-14.33	1897.87	672.49	-620.20	33.00	-32.93	-1.27
23530	1.85	-1.65	-14.33	1943.16	646.95	-583.15	40.47	-33.98	-1.31
23531	3.08	-1.65	-14.33	1992.99	620.82	-546.16	48.28	-35.07	-1.30
23532	4.31	-1.65	-14.33	2047.63	594.06	-509.25	56.46	-36.08	-1.25
23533	5.55	-1.65	-14.33	2107.04	566.60	-472.48	65.00	-36.78	-1.14
23534	6.78	-1.65	-14.33	2170.81	538.35	-435.88	73.89	-36.87	-0.98
23535	8.01	-1.65	-14.33	2237.90	509.16	-399.52	83.14	-35.96	-0.79
23536	9.25	-1.65	-14.33	2306.55	478.85	-363.45	92.69	-33.53	-0.55
23537	10.48	-1.65	-14.33	2374.06	447.24	-327.69	102.46	-29.00	-0.28
23538	11.71	-1.65	-14.33	2436.62	414.11	-292.29	112.28	-21.69	0.03
23539	12.94	-1.65	-14.33	2489.21	379.36	-257.23	121.91	-10.91	0.38
23540	14.18	-1.65	-14.33	2525.47	343.04	-222.50	130.92	4.04	0.79
23541	15.41	-1.65	-14.33	2537.65	305.51	-188.07	138.75	23.82	1.27
23542	16.64	-1.65	-14.33	2516.52	267.57	-153.97	144.68	49.15	1.83
23543	17.87	-1.65	-14.33	2451.13	230.50	-120.47	147.96	80.94	2.37
23544	19.11	-1.65	-14.33	2328.40	195.99	-87.47	148.13	120.64	2.47
23545	0.62	-0.55	-14.33	1908.65	684.22	-626.14	12.44	-30.58	-0.14
23546	1.85	-0.55	-14.33	1954.47	658.42	-588.98	17.23	-31.60	-0.12
23547	3.09	-0.55	-14.33	2004.86	631.96	-551.88	22.10	-32.66	-0.04
23548	4.33	-0.55	-14.33	2060.11	604.80	-514.86	27.02	-33.64	0.09
23549	5.56	-0.55	-14.33	2120.20	576.87	-477.98	31.98	-34.31	0.27
23550	6.80	-0.55	-14.33	2184.68	548.07	-441.29	36.93	-34.37	0.50
23551	8.04	-0.55	-14.33	2252.52	518.29	-404.82	41.86	-33.41	0.78
23552	9.27	-0.55	-14.33	2321.90	487.36	-368.65	46.72	-30.93	1.11
23553	10.51	-0.55	-14.33	2390.06	455.14	-332.80	51.44	-26.31	1.49
23554	11.75	-0.55	-14.33	2453.07	421.47	-297.30	55.93	-18.89	1.92
23555	12.98	-0.55	-14.33	2505.77	386.30	-262.16	60.06	-7.95	2.40
23556	14.22	-0.55	-14.33	2541.60	349.77	-227.34	63.67	7.19	2.93
23557	15.46	-0.55	-14.33	2552.57	312.33	-192.82	66.53	27.21	3.51
23558	16.69	-0.55	-14.33	2529.22	274.85	-158.62	68.40	52.79	4.10
23559	17.93	-0.55	-14.33	2460.45	238.64	-124.99	69.11	84.79	4.66
23560	19.17	-0.55	-14.33	2333.17	205.41	-91.78	68.59	124.52	4.82
23561	0.62	0.55	-14.33	1914.98	695.59	-632.20	-9.02	-30.54	1.63
23562	1.85	0.55	-14.33	1960.73	669.73	-595.04	-6.98	-31.51	1.73

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
23563	3.09	0.55	-14.33	2011.00	643.17	-557.94	-5.13	-32.53	1.88
23564	4.33	0.55	-14.33	2066.07	615.85	-520.93	-3.54	-33.45	2.08
23565	5.56	0.55	-14.33	2125.92	587.71	-484.05	-2.26	-34.07	2.34
23566	6.80	0.55	-14.33	2190.11	558.66	-447.36	-1.33	-34.08	2.65
23567	8.04	0.55	-14.33	2257.61	528.57	-410.90	-0.80	-33.07	3.02
23568	9.27	0.55	-14.33	2326.58	497.29	-374.73	-0.71	-30.53	3.45
23569	10.51	0.55	-14.33	2394.27	464.66	-338.88	-1.10	-25.86	3.95
23570	11.75	0.55	-14.33	2456.77	430.54	-303.39	-1.97	-18.39	4.51
23571	12.98	0.55	-14.33	2508.89	394.89	-268.25	-3.30	-7.40	5.14
23572	14.22	0.55	-14.33	2544.10	357.84	-233.42	-5.00	7.78	5.81
23573	15.46	0.55	-14.33	2554.45	319.84	-198.90	-6.93	27.83	6.50
23574	16.69	0.55	-14.33	2530.50	281.75	-164.68	-8.82	53.40	7.19
23575	17.93	0.55	-14.33	2461.24	244.89	-131.02	-10.33	85.35	7.83
23576	19.17	0.55	-14.33	2333.61	211.03	-97.75	-11.00	124.98	8.07
23577	0.62	1.65	-14.33	1916.83	706.30	-638.22	-29.64	-32.81	4.08
23578	1.85	1.65	-14.33	1961.90	680.59	-601.17	-30.35	-33.71	4.25
23579	3.08	1.65	-14.33	2011.35	654.14	-564.17	-31.54	-34.65	4.47
23580	4.31	1.65	-14.33	2065.44	626.91	-527.28	-33.28	-35.51	4.74
23581	5.55	1.65	-14.33	2124.16	598.84	-490.51	-35.66	-36.06	5.07
23582	6.78	1.65	-14.33	2187.06	569.81	-453.93	-38.75	-36.00	5.46
23583	8.01	1.65	-14.33	2253.12	539.70	-417.58	-42.61	-34.93	5.92
23584	9.25	1.65	-14.33	2320.56	508.32	-381.52	-47.28	-32.34	6.45
23585	10.48	1.65	-14.33	2386.68	475.49	-345.78	-52.78	-27.64	7.07
23586	11.71	1.65	-14.33	2447.68	441.03	-310.39	-59.03	-20.18	7.77
23587	12.94	1.65	-14.33	2498.55	404.83	-275.34	-65.89	-9.25	8.53
23588	14.18	1.65	-14.33	2532.97	366.95	-240.60	-73.04	5.81	9.33
23589	15.41	1.65	-14.33	2543.27	327.75	-206.15	-79.98	25.66	10.12
23590	16.64	1.65	-14.33	2520.34	288.01	-172.01	-85.97	50.97	10.84
23591	17.87	1.65	-14.33	2453.44	249.01	-138.42	-90.14	82.62	11.49
23592	19.11	1.65	-14.33	2329.59	212.63	-105.26	-91.57	122.10	11.72
23593	23.52	-1.65	-11.67	2330.45	1069.05	1923.21	-40.44	1816.64	39.33
23594	23.57	-0.55	-11.67	2278.73	1147.40	1779.85	-27.88	1731.38	2.06
23595	23.57	0.55	-11.67	2273.89	1147.38	1763.48	37.05	1724.46	42.46
23596	23.52	1.65	-11.67	2314.29	1073.20	1863.35	53.41	1788.17	5.87
23597	22.67	-1.65	-11.67	2042.33	646.35	101.56	-15.36	1106.22	28.85
23598	22.73	-0.55	-11.67	2005.45	678.60	73.18	-9.75	1071.81	9.40
23599	22.73	0.55	-11.67	2002.69	680.70	64.68	20.91	1069.61	13.63
23600	22.67	1.65	-11.67	2036.81	651.59	75.81	27.99	1101.41	-3.17
23601	21.83	-1.65	-11.67	1822.72	448.99	-162.28	26.35	841.19	25.10
23602	21.89	-0.55	-11.67	1805.99	463.40	-170.40	11.29	834.70	10.86
23603	21.89	0.55	-11.67	1804.57	465.90	-177.03	5.18	835.36	2.86
23604	21.83	1.65	-11.67	1818.29	456.15	-181.62	-10.47	842.67	-11.87
23605	20.99	-1.65	-11.67	1748.70	318.56	-260.45	55.74	719.93	8.04
23606	21.05	-0.55	-11.67	1743.85	329.01	-265.92	24.93	722.88	4.02
23607	21.05	0.55	-11.67	1742.79	332.20	-271.78	-2.94	724.34	1.32
23608	20.99	1.65	-11.67	1745.57	328.07	-277.71	-34.25	724.38	-2.49
23609	20.14	-1.65	-11.67	1741.03	241.57	-284.25	75.72	588.41	-5.72
23610	20.20	-0.55	-11.67	1742.07	251.08	-290.66	33.71	593.90	-2.70
23611	20.20	0.55	-11.67	1741.56	254.96	-296.56	-6.83	595.90	1.03
23612	20.14	1.65	-11.67	1739.57	253.00	-301.67	-49.30	594.39	4.32
23613	23.52	-1.65	-13.00	260.93	522.95	651.89	49.01	413.07	110.04
23614	23.57	-0.55	-13.00	258.23	530.32	627.56	16.52	400.98	45.57
23615	23.57	0.55	-13.00	258.60	535.13	614.84	-8.02	398.80	-4.26
23616	23.52	1.65	-13.00	267.89	544.03	625.59	-28.84	411.35	-57.95
23617	22.67	-1.65	-13.00	1217.72	465.62	446.43	50.13	956.54	27.70
23618	22.73	-0.55	-13.00	1202.15	478.60	426.12	20.22	942.07	13.63
23619	22.73	0.55	-13.00	1202.81	481.77	416.39	1.15	941.06	12.04
23620	22.67	1.65	-13.00	1223.72	472.35	418.59	-25.28	957.75	2.39
23621	21.83	-1.65	-13.00	1544.41	311.52	-53.14	68.87	787.66	7.74
23622	21.89	-0.55	-13.00	1534.05	321.95	-59.82	30.54	785.02	6.45
23623	21.89	0.55	-13.00	1534.42	324.49	-66.91	-2.70	785.54	8.81
23624	21.83	1.65	-13.00	1545.81	319.37	-74.52	-41.91	788.92	7.18
23625	20.99	-1.65	-13.00	1729.44	233.56	-137.43	91.70	620.56	-1.21
23626	21.05	-0.55	-13.00	1724.58	243.87	-142.65	40.84	622.87	2.26
23627	21.05	0.55	-13.00	1724.52	247.51	-148.90	-7.48	623.60	6.86
23628	20.99	1.65	-13.00	1729.29	244.98	-155.48	-59.38	622.79	10.23
23629	20.14	-1.65	-13.00	1889.21	200.65	-157.78	108.48	464.85	-6.41
23630	20.20	-0.55	-13.00	1889.60	210.77	-162.91	48.32	469.30	-0.69
23631	20.20	0.55	-13.00	1889.61	215.39	-169.00	-10.02	470.41	5.67
23632	20.14	1.65	-13.00	1889.37	215.00	-175.52	-71.04	468.22	11.34
23633	23.52	-1.65	-14.33	90.18	289.17	226.20	52.62	3.48	59.70
23634	23.57	-0.55	-14.33	83.56	280.75	219.68	21.08	2.80	29.77
23635	23.57	0.55	-14.33	84.34	283.24	212.51	-9.85	2.97	4.96
23636	23.52	1.65	-14.33	90.94	292.58	208.85	-39.87	4.37	-18.98
23637	22.67	-1.65	-14.33	466.22	157.16	218.66	101.41	283.73	20.80
23638	22.73	-0.55	-14.33	455.42	162.58	211.10	44.66	283.41	12.28
23639	22.73	0.55	-14.33	456.92	164.03	203.94	-9.78	284.16	8.36
23640	22.67	1.65	-14.33	470.44	158.28	198.49	-66.76	288.48	4.49
23641	21.83	-1.65	-14.33	1144.53	124.06	61.46	120.86	368.83	2.65
23642	21.89	-0.55	-14.33	1133.46	134.37	56.07	54.29	369.53	5.43
23643	21.89	0.55	-14.33	1134.93	136.43	49.70	-10.35	369.90	10.61
23644	21.83	1.65	-14.33	1149.43	129.78	42.16	-78.06	370.23	14.71
23645	20.99	-1.65	-14.33	1706.17	133.42	-20.82	133.54	272.75	0.78
23646	21.05	-0.55	-14.33	1699.07	144.79	-25.16	60.54	275.42	4.34
23647	21.05	0.55	-14.33	1700.02	148.28	-31.12	-11.47	275.58	9.10
23648	20.99	1.65	-14.33	1708.90	143.63	-38.59	-86.14	273.19	13.67
23649	20.14	-1.65	-14.33	2093.36	161.89	-53.99	144.04	181.27	1.48
23650	20.20	-0.55	-14.33	2092.32	172.79	-58.23	65.88	184.92	4.41
23651	20.20	0.55	-14.33	2092.75	177.53	-64.14	-11.72	185.22	8.27
23652	20.14	1.65	-14.33	2094.46	176.00	-71.59	-91.18	182.25	12.34
23653	-0.62	-1.65	-11.67	1351.31	453.76	-668.66	19.94	-69.07	-42.01
23654	-0.62	-0.55	-11.67	1359.25	462.82	-675.28	6.04	-69.41	-33.33
23655	-0.62	0.55	-11.67	1363.37	470.64	-682.04	-7.85	-69.44	-24.54
23656	-0.62	1.65	-11.67	1363.64	476.87	-688.63	-21.72	-69.18	-15.51
23657	-1.85	-1.65	-11.67	1317.50	470.07	-706.83	14.95	-70.93	-41.60
23658	-1.85	-0.55	-11.67	1325.07	479.25	-713.51	3.13	-71.40	-33.07
23659	-1.85	0.55	-11.67	1329.16	487.04	-720.27	-8.63	-71.65	-24.45
23660	-1.85	1.65	-11.67	1329.74	493.08	-726.82	-20.37	-71.67	-15.58
23661	-3.08	-1.65	-11.67	1282.91	485.26	-745.55	10.18	-73.82	-41.06



Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
23662	-3.09	-0.55	-11.67	1290.11	494.51	-752.26	0.32	-74.43	-32.63
23663	-3.09	0.55	-11.67	1294.13	502.23	-759.03	-9.45	-74.88	-24.13
23664	-3.08	1.65	-11.67	1294.95	508.07	-765.56	-19.18	-75.19	-15.34
23665	-4.31	-1.65	-11.67	1247.21	499.28	-785.11	5.65	-78.04	-40.44
23666	-4.33	-0.55	-11.67	1254.01	508.53	-791.82	-2.39	-78.76	-32.02
23667	-4.33	0.55	-11.67	1257.93	516.14	-798.61	-10.28	-79.43	-23.54
23668	-4.31	1.65	-11.67	1258.94	521.78	-805.16	-18.12	-80.04	-14.76
23669	-5.55	-1.65	-11.67	1210.08	512.04	-825.95	1.36	-84.04	-39.80
23670	-5.56	-0.55	-11.67	1216.47	521.25	-832.67	-4.96	-84.85	-31.26
23671	-5.56	0.55	-11.67	1220.25	528.72	-839.48	-11.09	-85.72	-22.68
23672	-5.55	1.65	-11.67	1221.42	534.12	-846.08	-17.16	-86.65	-13.77
23673	-6.78	-1.65	-11.67	1171.25	523.46	-868.71	-2.69	-92.50	-39.23
23674	-6.80	-0.55	-11.67	1177.19	532.57	-875.44	-7.39	-93.38	-30.38
23675	-6.80	0.55	-11.67	1180.82	539.87	-882.28	-11.87	-94.46	-21.51
23676	-6.78	1.65	-11.67	1182.09	545.01	-888.94	-16.27	-95.73	-12.28
23677	-8.01	-1.65	-11.67	1130.42	533.43	-914.10	-6.51	-104.44	-38.80
23678	-8.04	-0.55	-11.67	1135.90	542.41	-920.87	-9.68	-105.38	-29.40
23679	-8.04	0.55	-11.67	1139.34	549.49	-927.75	-12.60	-106.67	-20.00
23680	-8.01	1.65	-11.67	1140.70	554.36	-934.46	-15.43	-108.29	-10.21
23681	-9.25	-1.65	-11.67	1087.27	541.83	-962.79	-10.09	-121.20	-38.62
23682	-9.27	-0.55	-11.67	1092.27	550.63	-969.65	-11.81	-122.22	-28.36
23683	-9.27	0.55	-11.67	1095.49	557.48	-976.60	-13.25	-123.72	-18.11
23684	-9.25	1.65	-11.67	1096.91	562.04	-983.33	-14.59	-125.68	-7.44
23685	-10.48	-1.65	-11.67	1041.37	548.53	-1015.22	-13.49	-144.43	-38.76
23686	-10.51	-0.55	-11.67	1045.86	557.11	-1022.25	-13.79	-145.58	-27.28
23687	-10.51	0.55	-11.67	1048.84	563.70	-1029.26	-13.80	-147.29	-15.80
23688	-10.48	1.65	-11.67	1050.30	567.96	-1035.95	-13.68	-149.55	-3.89
23689	-11.71	-1.65	-11.67	992.00	553.39	-1071.16	-16.75	-175.90	-39.28
23690	-11.75	-0.55	-11.67	995.97	561.73	-1078.46	-15.63	-177.25	-26.17
23691	-11.75	0.55	-11.67	998.69	568.04	-1085.53	-14.20	-179.18	-13.05
23692	-11.71	1.65	-11.67	1000.15	571.98	-1092.08	-12.63	-181.68	0.53
23693	-12.94	-1.65	-11.67	938.06	556.29	-1129.27	-19.95	-217.07	-40.18
23694	-12.98	-0.55	-11.67	941.45	564.38	-1136.95	-17.32	-218.76	-25.02
23695	-12.98	0.55	-11.67	943.88	570.40	-1144.08	-14.37	-220.91	-9.83
23696	-12.94	1.65	-11.67	945.34	574.01	-1150.34	-11.28	-223.51	5.81
23697	-14.18	-1.65	-11.67	877.81	557.13	-1186.67	-23.20	-268.39	-41.35
23698	-14.22	-0.55	-11.67	880.57	564.97	-1194.80	-18.88	-270.58	-23.79
23699	-14.22	0.55	-11.67	882.66	570.69	-1201.94	-14.23	-272.95	-6.18
23700	-14.18	1.65	-11.67	884.12	573.97	-1207.78	-9.45	-275.49	11.85
23701	-15.41	-1.65	-11.67	808.99	555.82	-1238.78	-26.61	-328.31	-42.50
23702	-15.46	-0.55	-11.67	810.99	563.43	-1247.35	-20.30	-331.16	-22.39
23703	-15.46	0.55	-11.67	812.72	568.86	-1254.46	-13.66	-333.74	-2.20
23704	-15.41	1.65	-11.67	814.21	571.78	-1259.77	-6.90	-336.02	18.36
23705	-16.64	-1.65	-11.67	729.30	552.35	-1279.96	-30.23	-392.33	-43.17
23706	-16.69	-0.55	-11.67	730.38	559.74	-1288.85	-21.57	-395.94	-20.68
23707	-16.69	0.55	-11.67	731.71	564.86	-1295.84	-12.56	-398.69	1.92
23708	-16.64	1.65	-11.67	733.32	567.40	-1300.61	-3.46	-400.54	24.82
23709	-17.87	-1.65	-11.67	637.51	546.75	-1305.09	-33.97	-452.68	-42.73
23710	-17.93	-0.55	-11.67	637.49	553.90	-1314.01	-22.60	-456.98	-18.45
23711	-17.93	0.55	-11.67	638.38	558.70	-1320.81	-10.85	-459.83	5.93
23712	-17.87	1.65	-11.67	640.23	560.84	-1325.15	0.96	-461.20	30.52
23713	-19.11	-1.65	-11.67	534.99	539.25	-1311.34	-37.54	-498.96	-40.50
23714	-19.17	-0.55	-11.67	533.75	546.11	-1319.98	-23.25	-503.62	-15.52
23715	-19.17	0.55	-11.67	534.20	550.53	-1326.52	-8.53	-506.50	9.53
23716	-19.11	1.65	-11.67	536.39	552.23	-1330.64	6.21	-507.53	34.74
23717	-0.62	-1.65	-13.00	1602.12	570.48	-659.98	24.39	-50.12	-23.17
23718	-0.62	-0.55	-13.00	1611.26	581.60	-666.43	7.04	-49.76	-18.18
23719	-0.62	0.55	-13.00	1616.44	591.64	-673.01	-9.64	-49.78	-13.17
23720	-0.62	1.65	-13.00	1617.81	601.05	-679.08	-26.96	-50.18	-8.36
23721	-1.85	-1.65	-13.00	1566.00	590.84	-697.46	18.54	-49.70	-22.86
23722	-1.85	-0.55	-13.00	1574.72	602.09	-704.01	3.37	-49.41	-18.00
23723	-1.85	0.55	-13.00	1579.88	612.09	-710.59	-11.08	-49.57	-13.13
23724	-1.85	1.65	-13.00	1581.60	621.31	-716.56	-26.16	-50.16	-8.45
23725	-3.08	-1.65	-13.00	1530.80	610.31	-735.18	12.95	-50.00	-22.49
23726	-3.09	-0.55	-13.00	1539.12	621.63	-741.81	-0.19	-49.78	-17.71
23727	-3.09	0.55	-13.00	1544.20	631.56	-748.39	-12.56	-50.07	-12.94
23728	-3.08	1.65	-13.00	1546.18	640.54	-754.30	-25.54	-50.87	-8.34
23729	-4.31	-1.65	-13.00	1495.96	628.82	-773.27	7.60	-51.26	-22.08
23730	-4.33	-0.55	-13.00	1503.88	640.16	-779.97	-3.62	-51.10	-17.32
23731	-4.33	0.55	-13.00	1508.85	649.96	-786.56	-14.04	-51.52	-12.56
23732	-4.31	1.65	-13.00	1510.99	658.68	-792.41	-25.03	-52.53	-7.97
23733	-5.55	-1.65	-13.00	1460.83	646.26	-811.94	2.48	-53.86	-21.70
23734	-5.56	-0.55	-13.00	1468.35	657.58	-818.71	-6.92	-53.73	-16.84
23735	-5.56	0.55	-13.00	1473.15	667.21	-825.32	-15.48	-54.29	-11.99
23736	-5.55	1.65	-13.00	1475.39	675.62	-831.11	-24.57	-55.54	-7.29
23737	-6.78	-1.65	-13.00	1424.60	662.46	-851.47	-2.45	-58.37	-21.40
23738	-6.80	-0.55	-13.00	1431.71	673.71	-858.32	-10.08	-58.28	-16.29
23739	-6.80	0.55	-13.00	1436.32	683.13	-864.94	-16.83	-58.98	-11.20
23740	-6.78	1.65	-13.00	1438.57	691.17	-870.70	-24.08	-60.48	-6.24
23741	-8.01	-1.65	-13.00	1386.28	677.16	-892.20	-7.22	-65.65	-21.24
23742	-8.04	-0.55	-13.00	1392.96	688.31	-899.14	-13.10	-65.57	-15.69
23743	-8.04	0.55	-13.00	1397.33	697.47	-905.78	-18.05	-66.41	-10.16
23744	-8.01	1.65	-13.00	1399.54	705.10	-911.49	-23.48	-68.17	-4.73
23745	-9.25	-1.65	-13.00	1344.55	690.03	-934.42	-11.90	-76.78	-21.30
23746	-9.27	-0.55	-13.00	1350.79	701.05	-941.47	-15.97	-76.73	-15.07
23747	-9.27	0.55	-13.00	1354.89	709.91	-948.14	-19.09	-77.72	-8.84
23748	-9.25	1.65	-13.00	1356.99	717.05	-953.80	-22.65	-79.74	-2.70
23749	-10.48	-1.65	-13.00	1297.77	700.60	-978.31	-16.53	-93.06	-21.63
23750	-10.51	-0.55	-13.00	1303.51	711.45	-985.51	-18.70	-93.09	-14.42
23751	-10.51	0.55	-13.00	1307.29	719.97	-992.22	-19.88	-94.23	-7.20
23752	-10.48	1.65	-13.00	1309.27	726.60	-997.79	-21.48	-96.48	-0.07
23753	-11.71	-1.65	-13.00	1243.86	708.30	-1023.74	-21.21	-115.79	-22.26
23754	-11.75	-0.55	-13.00	1249.03	718.97	-1031.15	-21.28	-115.97	-13.77
23755	-11.75	0.55	-13.00	1252.46	727.11	-1037.88	-20.35	-117.27	-5.24
23756	-11.71	1.65	-13.00	1254.28	733.17	-1043.31	-19.82	-119.69	3.21
23757	-12.94	-1.65	-13.00	1180.38	712.48	-1070.08	-25.99	-145.90	-23.16
23758	-12.98	-0.55	-13.00	1184.86	722.94	-1077.73	-23.72	-146.35	-13.08
23759	-12.98	0.55	-13.00	1187.88	730.68	-1084.49	-20.41	-147.81	-2.94
23760	-12.94	1.65	-13.00	1189.59	736.15	-1089.72	-17.52	-150.29	7.11

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
23761	-14.18	-1.65	-13.00	1104.70	712.47	-1116.01	-30.91	-183.44	-24.22
23762	-14.22	-0.55	-13.00	1108.33	722.69	-1123.94	-25.98	-184.27	-12.33
23763	-14.22	0.55	-13.00	1110.89	730.01	-1130.71	-19.98	-185.89	-0.34
23764	-14.18	1.65	-13.00	1112.55	734.88	-1135.67	-14.41	-188.30	11.53
23765	-15.41	-1.65	-13.00	1014.42	707.68	-1159.54	-35.98	-226.87	-25.21
23766	-15.46	-0.55	-13.00	1016.98	717.61	-1167.73	-28.02	-228.21	-11.44
23767	-15.46	0.55	-13.00	1019.04	724.50	-1174.48	-18.99	-229.98	2.47
23768	-15.41	1.65	-13.00	1020.78	728.77	-1179.15	-10.38	-232.16	16.20
23769	-16.64	-1.65	-13.00	908.11	697.71	-1198.28	-41.08	-272.64	-25.78
23770	-16.69	-0.55	-13.00	909.34	707.31	-1206.68	-29.78	-274.54	-10.30
23771	-16.69	0.55	-13.00	910.86	713.73	-1213.38	-17.37	-276.42	5.32
23772	-16.64	1.65	-13.00	912.85	717.42	-1217.73	-5.43	-278.26	20.73
23773	-17.87	-1.65	-13.00	786.09	682.55	-1229.95	-46.00	-315.15	-25.58
23774	-17.93	-0.55	-13.00	785.80	691.74	-1238.45	-31.15	-317.56	-8.86
23775	-17.93	0.55	-13.00	786.74	697.66	-1245.05	-15.14	-319.51	8.00
23776	-17.87	1.65	-13.00	789.15	700.81	-1249.12	0.36	-320.96	24.58
23777	-19.11	-1.65	-13.00	651.10	662.60	-1253.87	-50.30	-347.85	-24.25
23778	-19.17	-0.55	-13.00	649.21	671.24	-1262.32	-31.89	-350.54	-7.03
23779	-19.17	0.55	-13.00	649.61	676.60	-1268.77	-12.28	-352.49	10.30
23780	-19.11	1.65	-13.00	652.49	679.17	-1272.63	6.84	-353.69	27.32
23781	-0.62	-1.65	-14.33	1856.67	697.46	-657.30	25.88	-32.03	-1.19
23782	-0.62	-0.55	-14.33	1866.96	709.38	-663.34	7.74	-29.71	-0.12
23783	-0.62	0.55	-14.33	1873.32	720.76	-669.40	-11.22	-29.71	1.59
23784	-0.62	1.65	-14.33	1875.69	731.31	-675.31	-29.34	-32.04	3.97
23785	-1.85	-1.65	-14.33	1819.02	721.88	-694.42	19.09	-31.32	-1.07
23786	-1.85	-0.55	-14.33	1828.85	733.93	-700.57	3.17	-29.03	-0.06
23787	-1.85	0.55	-14.33	1835.18	745.27	-706.63	-13.53	-29.08	1.59
23788	-1.85	1.65	-14.33	1837.95	755.62	-712.44	-29.34	-31.48	3.93
23789	-3.08	-1.65	-14.33	1784.30	745.73	-731.60	12.61	-30.87	-0.93
23790	-3.09	-0.55	-14.33	1793.69	757.85	-737.85	-1.28	-28.60	0.05
23791	-3.09	0.55	-14.33	1799.94	769.11	-743.91	-15.88	-28.70	1.66
23792	-3.08	1.65	-14.33	1802.98	779.22	-749.61	-29.58	-31.17	3.96
23793	-4.31	-1.65	-14.33	1751.79	768.97	-768.85	6.43	-30.77	-0.78
23794	-4.33	-0.55	-14.33	1760.77	781.12	-775.20	-5.57	-28.51	0.19
23795	-4.33	0.55	-14.33	1766.88	792.25	-781.27	-18.23	-28.66	1.78
23796	-4.31	1.65	-14.33	1770.08	802.06	-786.87	-29.96	-31.21	4.08
23797	-5.55	-1.65	-14.33	1720.62	791.50	-806.22	0.49	-31.16	-0.65
23798	-5.56	-0.55	-14.33	1729.19	803.63	-812.68	-9.71	-28.90	0.36
23799	-5.56	0.55	-14.33	1735.12	814.57	-818.74	-20.53	-29.10	1.99
23800	-5.55	1.65	-14.33	1738.36	824.01	-824.26	-30.37	-31.75	4.33
23801	-6.78	-1.65	-14.33	1689.63	813.09	-843.78	-5.25	-32.28	-0.56
23802	-6.80	-0.55	-14.33	1697.82	825.18	-850.34	-13.69	-30.03	0.55
23803	-6.80	0.55	-14.33	1703.52	835.88	-856.41	-22.71	-30.27	2.27
23804	-6.78	1.65	-14.33	1706.69	844.89	-861.83	-30.70	-33.02	4.72
23805	-8.01	-1.65	-14.33	1657.26	833.41	-881.60	-10.88	-34.49	-0.53
23806	-8.04	-0.55	-14.33	1665.08	845.44	-888.27	-17.51	-32.24	0.75
23807	-8.04	0.55	-14.33	1670.50	855.85	-894.35	-24.69	-32.54	2.65
23808	-8.01	1.65	-14.33	1673.48	864.32	-899.67	-30.80	-35.39	5.29
23809	-9.25	-1.65	-14.33	1621.35	851.92	-919.76	-16.49	-38.27	-0.61
23810	-9.27	-0.55	-14.33	1628.78	863.88	-926.53	-21.19	-36.02	0.96
23811	-9.27	0.55	-14.33	1633.87	873.93	-932.62	-26.39	-36.38	3.14
23812	-9.25	1.65	-14.33	1636.56	881.78	-937.85	-30.48	-39.34	6.07
23813	-10.48	-1.65	-14.33	1578.99	867.83	-958.29	-22.21	-44.20	-0.80
23814	-10.51	-0.55	-14.33	1585.99	879.71	-965.18	-24.73	-41.98	1.17
23815	-10.51	0.55	-14.33	1590.68	889.36	-971.27	-27.71	-42.39	3.76
23816	-10.48	1.65	-14.33	1593.02	896.48	-976.40	-29.55	-45.45	7.11
23817	-11.71	-1.65	-14.33	1526.46	880.10	-997.17	-28.16	-52.87	-1.14
23818	-11.75	-0.55	-14.33	1532.92	891.88	-1004.19	-28.13	-50.69	1.38
23819	-11.75	0.55	-14.33	1537.15	901.09	-1010.29	-28.53	-51.17	4.51
23820	-11.71	1.65	-14.33	1539.12	907.38	-1015.31	-27.76	-54.30	8.42
23821	-12.94	-1.65	-14.33	1459.38	887.44	-1036.26	-34.45	-64.71	-1.60
23822	-12.98	-0.55	-14.33	1465.12	899.11	-1043.42	-31.40	-62.63	1.59
23823	-12.98	0.55	-14.33	1468.81	907.81	-1049.52	-28.73	-63.17	5.41
23824	-12.94	1.65	-14.33	1470.44	913.23	-1054.42	-24.89	-66.33	9.99
23825	-14.18	-1.65	-14.33	1373.08	888.43	-1075.27	-41.14	-79.77	-2.13
23826	-14.22	-0.55	-14.33	1377.83	899.94	-1082.58	-34.49	-77.85	1.83
23827	-14.22	0.55	-14.33	1380.92	908.09	-1088.69	-28.20	-78.45	6.43
23828	-14.18	1.65	-14.33	1382.34	912.58	-1093.44	-20.71	-81.59	11.79
23829	-15.41	-1.65	-14.33	1263.48	881.68	-1113.78	-48.18	-97.44	-2.65
23830	-15.46	-0.55	-14.33	1266.88	892.94	-1121.24	-37.36	-95.73	2.11
23831	-15.46	0.55	-14.33	1269.30	900.51	-1127.35	-26.83	-96.40	7.54
23832	-15.41	1.65	-14.33	1270.73	904.07	-1131.95	-15.14	-99.44	13.70
23833	-16.64	-1.65	-14.33	1128.19	866.13	-1151.25	-55.40	-116.26	-3.02
23834	-16.69	-0.55	-14.33	1129.85	877.02	-1158.85	-39.90	-114.79	2.49
23835	-16.69	0.55	-14.33	1131.55	883.95	-1164.94	-24.63	-115.50	8.66
23836	-16.64	1.65	-14.33	1133.31	886.61	-1169.39	-8.23	-118.40	15.56
23837	-17.87	-1.65	-14.33	967.88	841.38	-1187.21	-62.46	-133.81	-3.03
23838	-17.93	-0.55	-14.33	967.37	851.72	-1194.93	-41.99	-132.59	3.00
23839	-17.93	0.55	-14.33	968.34	857.97	-1200.99	-21.69	-133.31	9.69
23840	-17.87	1.65	-14.33	970.80	859.83	-1205.27	-0.31	-136.00	17.09
23841	-19.11	-1.65	-14.33	787.33	807.89	-1220.64	-68.97	-146.75	-2.97
23842	-19.17	-0.55	-14.33	784.33	817.59	-1228.47	-43.57	-145.77	3.33
23843	-19.17	0.55	-14.33	784.56	823.18	-1234.48	-18.26	-146.48	10.23
23844	-19.11	1.65	-14.33	788.03	824.40	-1238.55	8.01	-148.91	17.78
23845	-23.52	-1.65	-11.67	13.56	488.30	-1220.67	-33.59	-102.48	22.64
23846	-22.67	-1.65	-11.67	65.92	498.14	-1186.35	-40.11	-273.60	4.84
23847	-21.83	-1.65	-11.67	159.15	506.98	-1215.56	-42.87	-408.20	-11.36
23848	-20.99	-1.65	-11.67	277.91	517.68	-1259.12	-42.94	-492.52	-25.00
23849	-20.14	-1.65	-11.67	412.00	529.30	-1295.31	-40.81	-519.40	-35.07
23850	-23.57	-0.55	-11.67	12.08	494.03	-1227.03	-13.63	-101.81	20.64
23851	-22.73	-0.55	-11.67	64.07	502.87	-1192.76	-18.49	-274.53	11.45
23852	-21.89	-0.55	-11.67	156.82	511.90	-1222.39	-20.83	-410.64	2.86
23853	-21.05	-0.55	-11.67	275.32	523.43	-1266.55	-22.47	-496.18	-4.81
23854	-20.20	-0.55	-11.67	409.80	535.71	-1303.39	-23.32	-523.88	-11.14
23855	-23.57	0.55	-11.67	12.75	498.90	-1231.62	5.51	-101.60	18.70
23856	-22.73	0.55	-11.67	64.90	504.58	-1197.93	3.62	-275.84	18.20
23857	-21.89	0.55	-11.67	156.59	514.10	-1228.00	2.08	-412.68	16.98
23858	-21.05	0.55	-11.67	274.97	526.75	-1272.41	-1.47	-498.65	15.31
23859	-20.20	0.55	-11.67	409.80	539.66	-1309.59	-5.38	-526.64	12.80

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
23860	-23.52	1.65	-11.67	15.11	502.87	-1231.67	22.94	-103.51	18.98
23861	-22.67	1.65	-11.67	67.09	501.49	-1201.71	27.26	-278.18	24.97
23862	-21.83	1.65	-11.67	158.09	514.15	-1232.09	25.17	-414.21	30.80
23863	-20.99	1.65	-11.67	276.94	527.47	-1276.40	19.46	-499.84	35.37
23864	-20.14	1.65	-11.67	412.10	540.90	-1313.61	12.52	-527.61	36.81
23865	-23.52	-1.65	-13.00	14.30	540.35	-1353.13	-38.37	-52.77	23.00
23866	-22.67	-1.65	-13.00	69.22	556.11	-1298.73	-48.20	-174.37	8.30
23867	-21.83	-1.65	-13.00	176.02	577.31	-1287.46	-53.54	-278.11	-4.06
23868	-20.99	-1.65	-13.00	322.28	605.46	-1281.94	-55.05	-342.01	-13.84
23869	-20.14	-1.65	-13.00	492.64	636.25	-1271.27	-53.64	-362.18	-20.77
23870	-23.57	-0.55	-13.00	12.57	547.13	-1360.82	-16.18	-51.94	20.74
23871	-22.73	-0.55	-13.00	67.15	561.05	-1305.70	-23.22	-174.39	12.40
23872	-21.89	-0.55	-13.00	173.07	582.76	-1294.88	-27.29	-279.35	5.53
23873	-21.05	-0.55	-13.00	318.82	612.20	-1289.73	-30.01	-344.11	0.02
23874	-20.20	-0.55	-13.00	489.55	644.08	-1279.44	-31.64	-364.78	-4.26
23875	-23.57	0.55	-13.00	13.27	551.90	-1365.99	5.73	-51.92	18.07
23876	-22.73	0.55	-13.00	67.93	562.38	-1311.44	3.04	-175.55	16.63
23877	-21.89	0.55	-13.00	172.62	584.96	-1300.95	0.63	-280.94	15.13
23878	-21.05	0.55	-13.00	318.26	615.94	-1295.87	-3.72	-345.88	13.89
23879	-20.20	0.55	-13.00	489.41	648.74	-1285.71	-8.46	-366.67	12.31
23880	-23.52	1.65	-13.00	15.76	555.12	-1366.23	25.44	-53.42	15.89
23881	-22.67	1.65	-13.00	70.02	558.83	-1315.47	30.65	-178.23	20.43
23882	-21.83	1.65	-13.00	174.39	585.26	-1305.10	28.29	-282.79	24.08
23883	-20.99	1.65	-13.00	320.83	617.15	-1299.81	22.04	-347.24	27.33
23884	-20.14	1.65	-13.00	492.44	650.69	-1289.53	14.19	-367.84	28.56
23885	-23.52	-1.65	-14.33	-21.59	600.53	-1419.94	-47.15	-16.59	20.03
23886	-22.67	-1.65	-14.33	7.18	615.82	-1372.82	-65.37	-71.17	8.53
23887	-21.83	-1.65	-14.33	131.72	653.87	-1334.17	-73.29	-118.46	3.80
23888	-20.99	-1.65	-14.33	329.54	705.50	-1297.20	-75.54	-145.62	-0.30
23889	-20.14	-1.65	-14.33	566.94	761.17	-1257.63	-73.79	-153.59	-2.65
23890	-23.57	-0.55	-14.33	-22.28	605.65	-1427.66	-18.30	-14.11	17.22
23891	-22.73	-0.55	-14.33	4.41	620.02	-1379.90	-31.64	-69.24	9.93
23892	-21.89	-0.55	-14.33	127.10	659.22	-1341.58	-37.55	-117.28	7.28
23893	-21.05	-0.55	-14.33	324.45	712.85	-1304.75	-41.24	-144.77	5.02
23894	-20.20	-0.55	-14.33	562.32	769.98	-1265.36	-43.50	-152.79	3.66
23895	-23.57	0.55	-14.33	-21.94	607.80	-1433.30	8.81	-14.08	15.06
23896	-22.73	0.55	-14.33	4.25	619.65	-1385.67	2.93	-69.85	11.78
23897	-21.89	0.55	-14.33	125.89	660.54	-1347.53	-0.94	-117.98	11.29
23898	-21.05	0.55	-14.33	323.36	716.23	-1310.68	-6.62	-145.49	10.75
23899	-20.20	0.55	-14.33	561.83	774.69	-1271.32	-13.09	-153.51	10.44
23900	-23.52	1.65	-14.33	-22.10	606.45	-1435.89	36.68	-16.69	13.44
23901	-22.67	1.65	-14.33	4.65	613.39	-1390.24	40.21	-73.10	13.97
23902	-21.83	1.65	-14.33	127.61	658.70	-1351.84	36.69	-120.51	15.57
23903	-20.99	1.65	-14.33	326.36	715.63	-1314.86	28.81	-147.72	16.93
23904	-20.14	1.65	-14.33	565.54	775.19	-1275.35	18.08	-155.74	17.75
23905	23.44	2.50	-11.67	2370.69	1032.63	1981.59	19.90	1866.46	-93.40
23906	23.37	3.10	-11.67	2422.80	1052.78	2062.93	-37.22	1935.83	-210.06
23907	22.60	2.50	-11.67	2070.42	634.72	87.00	-1.04	1130.76	-53.72
23908	22.52	3.10	-11.67	2084.39	647.39	88.11	-29.73	1139.36	-95.94
23909	21.75	2.50	-11.67	1832.07	449.90	-183.94	-33.39	848.82	-29.62
23910	21.68	3.10	-11.67	1838.92	450.74	-185.08	-53.02	851.50	-43.77
23911	20.91	2.50	-11.67	1748.18	322.00	-281.52	-62.90	723.62	-7.21
23912	20.83	3.10	-11.67	1748.96	316.48	-282.75	-85.90	722.63	-11.38
23913	20.06	2.50	-11.67	1736.33	248.02	-304.77	-85.33	591.22	6.50
23914	19.98	3.10	-11.67	1731.80	242.60	-306.12	-113.53	587.56	7.02
23915	23.44	2.50	-13.00	273.80	550.63	647.20	-38.71	426.95	-98.62
23916	23.37	3.10	-13.00	269.06	536.17	661.22	-65.09	439.10	-151.17
23917	22.60	2.50	-13.00	1241.79	468.07	427.51	-61.95	975.63	-27.33
23918	22.52	3.10	-13.00	1244.98	476.21	437.13	-93.52	983.24	-52.97
23919	21.75	2.50	-13.00	1556.26	316.21	-79.32	-80.01	793.00	0.40
23920	21.68	3.10	-13.00	1560.97	315.40	-80.09	-109.03	796.76	-5.81
23921	20.91	2.50	-13.00	1733.74	240.61	-160.19	-104.33	622.14	10.48
23922	20.83	3.10	-13.00	1735.43	235.64	-162.86	-138.55	621.57	9.26
23923	20.06	2.50	-13.00	1887.99	212.10	-180.39	-122.25	465.07	14.79
23924	19.98	3.10	-13.00	1884.81	208.31	-183.32	-160.45	461.67	15.97
23925	23.44	2.50	-14.33	95.47	298.78	206.51	-65.42	2.51	-36.65
23926	23.37	3.10	-14.33	95.89	303.82	203.49	-91.42	2.99	-54.89
23927	22.60	2.50	-14.33	478.69	149.29	195.91	-118.85	290.44	-5.58
23928	22.52	3.10	-14.33	479.38	153.71	196.30	-163.12	289.74	-14.50
23929	21.75	2.50	-14.33	1160.89	119.65	36.34	-139.12	369.99	14.09
23930	21.68	3.10	-14.33	1165.19	116.44	34.40	-189.24	371.80	13.80
23931	20.91	2.50	-14.33	1716.71	135.01	-45.03	-151.44	270.10	16.28
23932	20.83	3.10	-14.33	1721.07	131.65	-48.79	-204.46	270.19	17.55
23933	20.06	2.50	-14.33	2095.14	171.88	-78.10	-159.18	177.79	15.48
23934	19.98	3.10	-14.33	2094.73	171.77	-82.41	-214.08	176.18	16.58
23935	19.03	2.50	-11.67	1749.14	214.18	-315.55	-96.97	467.63	11.32
23936	18.94	3.10	-11.67	1740.47	211.45	-317.40	-127.23	463.23	14.26
23937	17.80	2.50	-11.67	1760.89	204.35	-324.74	-101.44	361.10	13.55
23938	17.72	3.10	-11.67	1749.53	204.32	-327.12	-131.73	357.82	18.05
23939	16.57	2.50	-11.67	1765.55	206.31	-334.88	-101.51	264.73	13.82
23940	16.50	3.10	-11.67	1752.68	208.28	-337.86	-130.89	262.69	19.27
23941	15.34	2.50	-11.67	1760.43	216.29	-345.37	-98.65	181.69	12.75
23942	15.28	3.10	-11.67	1747.00	219.60	-348.92	-126.64	180.84	18.75
23943	14.12	2.50	-11.67	1745.89	231.69	-356.63	-93.96	113.13	10.85
23944	14.05	3.10	-11.67	1732.60	235.79	-360.64	-120.31	113.27	17.10
23945	12.89	2.50	-11.67	1723.62	250.65	-369.65	-88.24	58.80	8.53
23946	12.83	3.10	-11.67	1710.95	255.14	-374.00	-112.81	59.68	14.85
23947	11.66	2.50	-11.67	1695.71	271.81	-385.40	-82.01	17.51	6.11
23948	11.61	3.10	-11.67	1683.94	276.41	-389.95	-104.76	18.87	12.39
23949	10.43	2.50	-11.67	1664.07	294.18	-404.47	-75.62	-12.54	3.76
23950	10.39	3.10	-11.67	1653.35	298.70	-409.11	-96.57	-10.91	9.96
23951	9.21	2.50	-11.67	1630.31	317.06	-427.07	-69.34	-33.37	1.58
23952	9.17	3.10	-11.67	1620.71	321.38	-431.69	-88.51	-31.64	7.68
23953	7.98	2.50	-11.67	1595.65	339.93	-453.06	-63.31	-47.04	-0.39
23954	7.94	3.10	-11.67	1587.14	343.99	-457.61	-80.77	-45.32	5.61
23955	6.75	2.50	-11.67	1560.90	362.46	-482.11	-57.65	-55.45	-2.14
23956	6.72	3.10	-11.67	1553.44	366.21	-486.53	-73.46	-53.83	3.76
23957	5.52	2.50	-11.67	1526.57	384.39	-513.74	-52.41	-60.27	-3.67
23958	5.50	3.10	-11.67	1520.07	387.84	-518.00	-66.66	-58.81	2.12

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
23959	4.30	2.50	-11.67	1492.86	405.56	-547.41	-47.60	-62.89	-5.00
23960	4.28	3.10	-11.67	1487.22	408.72	-551.52	-60.36	-61.61	0.70
23961	3.07	2.50	-11.67	1459.73	425.85	-582.63	-43.22	-64.37	-6.12
23962	3.06	3.10	-11.67	1454.86	428.72	-586.58	-54.57	-63.29	-0.52
23963	1.84	2.50	-11.67	1427.00	445.16	-618.96	-39.25	-65.52	-7.03
23964	1.83	3.10	-11.67	1422.80	447.77	-622.76	-49.27	-64.64	-1.52
23965	0.61	2.50	-11.67	1394.38	463.43	-656.05	-35.64	-66.88	-7.73
23966	0.61	3.10	-11.67	1390.76	465.79	-659.72	-44.40	-66.20	-2.30
23967	19.03	2.50	-13.00	1996.37	211.44	-195.68	-129.85	344.65	14.75
23968	18.94	3.10	-13.00	1988.28	210.39	-198.95	-168.91	340.86	17.16
23969	17.80	2.50	-13.00	2062.49	225.07	-214.90	-130.86	253.67	14.91
23970	17.72	3.10	-13.00	2050.55	226.38	-218.43	-169.09	250.95	18.31
23971	16.57	2.50	-13.00	2100.18	245.85	-237.66	-127.71	177.88	14.38
23972	16.50	3.10	-13.00	2085.97	249.03	-241.44	-164.30	176.22	18.41
23973	15.34	2.50	-13.00	2113.02	271.14	-261.85	-121.65	115.45	13.09
23974	15.28	3.10	-13.00	2097.80	275.57	-265.83	-156.10	114.74	17.46
23975	14.12	2.50	-13.00	2105.60	298.90	-287.04	-113.89	65.29	11.29
23976	14.05	3.10	-13.00	2090.34	304.10	-291.15	-145.96	65.36	15.79
23977	12.89	2.50	-13.00	2082.63	327.75	-313.30	-105.32	26.33	9.24
23978	12.83	3.10	-13.00	2068.01	333.35	-317.47	-134.93	26.96	13.72
23979	11.66	2.50	-13.00	2048.49	356.82	-340.88	-96.59	-2.72	7.15
23980	11.61	3.10	-13.00	2034.95	362.56	-345.05	-123.76	-1.73	11.53
23981	10.43	2.50	-13.00	2007.00	385.55	-369.98	-88.13	-23.36	5.15
23982	10.39	3.10	-13.00	1994.76	391.26	-374.09	-112.94	-22.18	9.41
23983	9.21	2.50	-13.00	1961.26	413.65	-400.64	-80.20	-37.16	3.33
23984	9.17	3.10	-13.00	1950.44	419.20	-404.65	-102.76	-35.92	7.46
23985	7.98	2.50	-13.00	1913.70	440.95	-432.80	-72.93	-45.67	1.71
23986	7.94	3.10	-13.00	1904.28	446.28	-436.67	-93.38	-44.45	5.71
23987	6.75	2.50	-13.00	1866.08	467.38	-466.29	-66.39	-50.29	0.30
23988	6.72	3.10	-13.00	1858.00	472.45	-470.00	-84.87	-49.16	4.18
23989	5.52	2.50	-13.00	1819.58	492.92	-500.89	-60.58	-52.27	-0.93
23990	5.50	3.10	-13.00	1812.73	497.71	-504.44	-77.23	-51.25	2.85
23991	4.30	2.50	-13.00	1774.89	517.56	-536.37	-55.48	-52.60	-1.98
23992	4.28	3.10	-13.00	1769.14	522.08	-539.75	-70.43	-51.72	1.70
23993	3.07	2.50	-13.00	1732.32	541.30	-572.51	-51.03	-52.07	-2.87
23994	3.06	3.10	-13.00	1727.54	545.55	-575.73	-64.40	-51.32	0.73
23995	1.84	2.50	-13.00	1691.88	564.13	-609.12	-47.18	-51.24	-3.59
23996	1.83	3.10	-13.00	1687.94	568.12	-612.18	-59.07	-50.64	-0.07
23997	0.61	2.50	-13.00	1653.38	586.04	-646.04	-43.84	-50.50	-4.16
23998	0.61	3.10	-13.00	1650.16	589.78	-648.95	-54.37	-50.04	-0.71
23999	19.03	2.50	-14.33	2323.23	213.02	-111.80	-159.13	117.37	14.12
24000	18.94	3.10	-14.33	2316.58	217.06	-116.36	-213.67	115.63	15.22
24001	17.80	2.50	-14.33	2441.93	252.88	-144.74	-156.42	78.12	14.33
24002	17.72	3.10	-14.33	2429.65	259.55	-149.33	-209.40	76.97	15.79
24003	16.57	2.50	-14.33	2505.50	294.69	-178.18	-149.44	46.89	13.83
24004	16.50	3.10	-14.33	2489.94	303.34	-182.74	-199.76	46.21	15.42
24005	15.34	2.50	-14.33	2526.90	336.57	-212.17	-139.67	21.95	13.15
24006	15.28	3.10	-14.33	2509.88	346.57	-216.67	-186.87	21.68	14.77
24007	14.12	2.50	-14.33	2516.48	377.27	-246.46	-128.46	2.39	12.33
24008	14.05	3.10	-14.33	2499.35	388.11	-250.87	-172.39	2.43	13.90
24009	12.89	2.50	-14.33	2482.92	416.15	-281.03	-116.88	-12.48	11.44
24010	12.83	3.10	-14.33	2466.60	427.46	-285.33	-157.55	-12.22	12.92
24011	11.66	2.50	-14.33	2433.52	452.99	-315.91	-105.64	-23.29	10.56
24012	11.61	3.10	-14.33	2418.58	464.49	-320.07	-143.18	-22.90	11.94
24013	10.43	2.50	-14.33	2374.31	487.82	-351.12	-95.19	-30.71	9.74
24014	10.39	3.10	-14.33	2361.06	499.34	-355.14	-129.79	-30.25	11.02
24015	9.21	2.50	-14.33	2310.10	520.84	-386.68	-85.76	-35.41	9.01
24016	9.17	3.10	-14.33	2298.66	532.24	-390.54	-117.63	-34.94	10.19
24017	7.98	2.50	-14.33	2244.55	552.27	-422.56	-77.45	-38.03	8.38
24018	7.94	3.10	-14.33	2234.90	563.48	-426.25	-106.80	-37.59	9.46
24019	6.75	2.50	-14.33	2180.28	582.36	-458.73	-70.24	-39.16	7.83
24020	6.72	3.10	-14.33	2172.31	593.33	-462.24	-97.30	-38.76	8.83
24021	5.52	2.50	-14.33	2119.00	611.31	-495.13	-64.10	-39.29	7.35
24022	5.50	3.10	-14.33	2112.56	622.03	-498.47	-89.07	-38.93	8.29
24023	4.30	2.50	-14.33	2061.71	639.29	-531.72	-58.94	-38.80	6.95
24024	4.28	3.10	-14.33	2056.64	649.75	-534.88	-82.00	-38.51	7.82
24025	3.07	2.50	-14.33	2008.86	666.40	-568.44	-54.66	-38.01	6.61
24026	3.06	3.10	-14.33	2004.97	676.60	-571.43	-75.99	-37.78	7.42
24027	1.84	2.50	-14.33	1960.47	692.71	-605.26	-51.17	-37.13	6.32
24028	1.83	3.10	-14.33	1957.59	702.67	-608.07	-70.90	-36.95	7.08
24029	0.61	2.50	-14.33	1916.28	718.29	-642.13	-48.36	-36.29	6.09
24030	0.61	3.10	-14.33	1914.26	728.01	-644.78	-66.64	-36.17	6.80
24031	-0.61	3.10	-11.67	1358.40	482.72	-697.26	-39.93	-68.33	-2.81
24032	-1.83	3.10	-11.67	1325.39	498.49	-735.34	-35.82	-71.29	-3.01
24033	-3.06	3.10	-11.67	1291.37	513.04	-774.05	-32.02	-75.31	-2.82
24034	-4.28	3.10	-11.67	1256.03	526.31	-813.68	-28.50	-80.70	-2.15
24035	-5.50	3.10	-11.67	1219.11	538.22	-854.68	-25.21	-87.91	-0.87
24036	-6.72	3.10	-11.67	1180.33	548.67	-897.65	-22.13	-97.63	1.15
24037	-7.94	3.10	-11.67	1139.44	557.57	-943.26	-19.20	-110.84	4.08
24038	-9.17	3.10	-11.67	1096.13	564.80	-992.11	-16.38	-128.86	8.10
24039	-10.39	3.10	-11.67	1049.97	570.25	-1044.51	-13.55	-153.25	13.37
24040	-11.61	3.10	-11.67	1000.25	573.81	-1100.14	-10.58	-185.67	19.98
24041	-12.83	3.10	-11.67	945.85	575.37	-1157.54	-7.21	-227.45	27.94
24042	-14.05	3.10	-11.67	885.11	574.82	-1213.78	-3.14	-278.90	37.02
24043	-15.28	3.10	-11.67	815.84	572.08	-1264.38	2.00	-338.39	46.67
24044	-16.50	3.10	-11.67	735.90	567.11	-1303.92	8.47	-401.48	55.97
24045	-17.72	3.10	-11.67	644.18	559.91	-1327.57	16.32	-460.67	63.68
24046	-18.94	3.10	-11.67	542.11	550.82	-1332.78	25.17	-505.98	68.43
24047	-0.61	2.50	-11.67	1361.51	480.59	-693.68	-32.37	-68.80	-8.17
24048	-1.84	2.50	-11.67	1328.05	496.58	-731.81	-29.39	-71.55	-8.32
24049	-3.07	2.50	-11.67	1293.64	511.34	-770.54	-26.66	-75.34	-8.13
24050	-4.30	2.50	-11.67	1257.95	524.81	-810.16	-24.14	-80.48	-7.51
24051	-5.52	2.50	-11.67	1220.71	536.92	-851.12	-21.81	-87.42	-6.37
24052	-6.75	2.50	-11.67	1181.64	547.56	-894.04	-19.63	-96.84	-4.59
24053	-7.98	2.50	-11.67	1140.47	556.66	-939.61	-17.57	-109.75	-2.03
24054	-9.21	2.50	-11.67	1096.90	564.09	-988.48	-15.56	-127.47	1.46
24055	-10.43	2.50	-11.67	1050.47	569.74	-1041.01	-13.53	-151.63	6.01
24056	-11.66	2.50	-11.67	1000.51	573.49	-1096.90	-11.36	-183.94	11.72
24057	-12.89	2.50	-11.67	945.87	575.26	-1154.74	-8.82	-225.78	18.59

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{XX}$ [kPa]	$\sigma_{YY}$ [kPa]	$\sigma_{ZZ}$ [kPa]	$\tau_{XY}$ [kPa]	$\tau_{XZ}$ [kPa]	$\tau_{YZ}$ [kPa]
24058	-14.12	2.50	-11.67	884.84	574.93	-1211.59	-5.67	-277.52	26.44
24059	-15.34	2.50	-11.67	815.20	572.43	-1262.88	-1.60	-337.57	34.84
24060	-16.57	2.50	-11.67	734.73	567.72	-1303.06	3.63	-401.39	43.00
24061	-17.80	2.50	-11.67	642.26	560.82	-1327.13	10.08	-461.34	49.92
24062	-19.03	2.50	-11.67	539.20	551.89	-1332.46	17.48	-507.18	54.48
24063	-0.61	3.10	-13.00	1613.85	610.49	-685.98	-50.19	-49.81	-1.14
24064	-1.83	3.10	-13.00	1578.62	630.22	-723.23	-46.45	-50.14	-1.33
24065	-3.06	3.10	-13.00	1544.00	648.90	-760.76	-43.07	-51.21	-1.23
24066	-4.28	3.10	-13.00	1509.43	666.43	-798.71	-39.95	-53.29	-0.76
24067	-5.50	3.10	-13.00	1474.28	682.70	-837.27	-36.97	-56.76	0.17
24068	-6.72	3.10	-13.00	1437.78	697.50	-876.73	-34.01	-62.19	1.68
24069	-7.94	3.10	-13.00	1398.94	710.58	-917.38	-30.95	-70.41	3.91
24070	-9.17	3.10	-13.00	1356.52	721.60	-959.49	-27.62	-82.47	6.99
24071	-10.39	3.10	-13.00	1308.89	730.12	-1003.19	-23.83	-99.60	11.03
24072	-11.61	3.10	-13.00	1254.04	735.61	-1048.30	-19.34	-123.02	16.08
24073	-12.83	3.10	-13.00	1189.62	737.48	-1094.14	-13.92	-153.53	22.09
24074	-14.05	3.10	-13.00	1113.13	735.11	-1139.37	-7.33	-191.08	28.82
24075	-15.28	3.10	-13.00	1022.31	727.96	-1182.04	0.59	-234.11	35.81
24076	-16.50	3.10	-13.00	915.86	715.69	-1219.87	9.83	-279.12	42.38
24077	-17.72	3.10	-13.00	794.16	698.30	-1250.64	20.13	-320.70	47.63
24078	-18.94	3.10	-13.00	659.76	676.23	-1273.85	31.10	-352.74	50.80
24079	-0.61	2.50	-13.00	1616.48	607.01	-683.20	-40.94	-50.12	-4.54
24080	-1.84	2.50	-13.00	1580.75	626.99	-720.57	-38.41	-50.29	-4.71
24081	-3.07	2.50	-13.00	1545.72	645.93	-758.20	-36.16	-51.19	-4.62
24082	-4.30	2.50	-13.00	1510.83	663.75	-796.22	-34.12	-53.08	-4.22
24083	-5.52	2.50	-13.00	1475.44	680.32	-834.85	-32.18	-56.33	-3.41
24084	-6.75	2.50	-13.00	1438.75	695.47	-874.37	-30.25	-61.53	-2.11
24085	-7.98	2.50	-13.00	1399.79	708.93	-915.09	-28.21	-69.50	-0.21
24086	-9.21	2.50	-13.00	1357.27	720.38	-957.31	-25.93	-81.33	2.41
24087	-10.43	2.50	-13.00	1309.55	729.35	-1001.15	-23.22	-98.29	5.86
24088	-11.66	2.50	-13.00	1254.58	735.33	-1046.47	-19.91	-121.62	10.17
24089	-12.89	2.50	-13.00	1189.97	737.69	-1092.59	-15.77	-152.20	15.31
24090	-14.12	2.50	-13.00	1113.14	735.81	-1138.19	-10.60	-190.01	21.09
24091	-15.34	2.50	-13.00	1021.78	729.11	-1181.26	-4.27	-233.47	27.16
24092	-16.57	2.50	-13.00	914.52	717.23	-1219.46	3.22	-279.04	32.91
24093	-17.80	2.50	-13.00	791.75	700.19	-1250.51	11.68	-321.19	37.61
24094	-19.03	2.50	-13.00	656.08	678.20	-1273.85	20.87	-353.59	40.63
24095	-0.61	3.10	-14.33	1874.55	752.63	-681.54	-63.07	-35.54	6.59
24096	-1.83	3.10	-14.33	1837.96	776.52	-718.35	-60.07	-35.09	6.46
24097	-3.06	3.10	-14.33	1803.88	799.65	-755.21	-57.52	-34.92	6.44
24098	-4.28	3.10	-14.33	1771.59	821.94	-792.16	-55.27	-35.12	6.56
24099	-5.50	3.10	-14.33	1740.24	843.24	-829.24	-53.15	-35.83	6.86
24100	-6.72	3.10	-14.33	1708.69	863.30	-866.51	-50.97	-37.30	7.39
24101	-7.94	3.10	-14.33	1675.39	881.76	-904.05	-48.49	-39.89	8.21
24102	-9.17	3.10	-14.33	1638.20	898.05	-941.91	-45.42	-44.04	9.38
24103	-10.39	3.10	-14.33	1594.30	911.39	-980.12	-41.43	-50.32	10.95
24104	-11.61	3.10	-14.33	1540.07	920.77	-1018.65	-36.16	-59.27	12.95
24105	-12.83	3.10	-14.33	1471.30	924.97	-1057.36	-29.23	-71.28	15.37
24106	-14.05	3.10	-14.33	1383.55	922.64	-1095.95	-20.35	-86.34	18.10
24107	-15.28	3.10	-14.33	1272.99	912.50	-1134.01	-9.37	-103.84	20.98
24108	-16.50	3.10	-14.33	1137.47	893.58	-1171.01	3.57	-122.32	23.70
24109	-17.72	3.10	-14.33	977.78	865.53	-1206.50	17.93	-139.41	25.90
24110	-18.94	3.10	-14.33	798.83	829.19	-1239.33	32.79	-151.74	26.81
24111	-0.61	2.50	-14.33	1875.87	743.15	-679.06	-46.12	-35.60	5.93
24112	-1.84	2.50	-14.33	1838.71	767.29	-716.02	-44.36	-35.10	5.83
24113	-3.07	2.50	-14.33	1804.18	790.69	-753.04	-42.96	-34.87	5.84
24114	-4.30	2.50	-14.33	1771.58	813.29	-790.14	-41.80	-34.99	5.96
24115	-5.52	2.50	-14.33	1740.04	834.94	-827.37	-40.73	-35.62	6.23
24116	-6.75	2.50	-14.33	1708.40	855.43	-864.79	-39.60	-37.00	6.70
24117	-7.98	2.50	-14.33	1675.12	874.40	-902.48	-38.19	-39.48	7.42
24118	-9.21	2.50	-14.33	1638.04	891.28	-940.50	-36.28	-43.55	8.43
24119	-10.43	2.50	-14.33	1594.28	905.31	-978.89	-33.57	-49.75	9.78
24120	-11.66	2.50	-14.33	1540.16	915.44	-1017.61	-29.74	-58.66	11.50
24121	-12.89	2.50	-14.33	1471.36	920.44	-1056.52	-24.48	-70.69	13.58
24122	-14.12	2.50	-14.33	1383.36	918.92	-1095.33	-17.53	-85.86	15.94
24123	-15.34	2.50	-14.33	1272.19	909.52	-1133.62	-8.75	-103.55	18.43
24124	-16.57	2.50	-14.33	1135.62	891.23	-1170.84	1.74	-122.28	20.81
24125	-17.80	2.50	-14.33	974.46	863.68	-1206.53	13.48	-139.62	22.73
24126	-19.03	2.50	-14.33	793.61	827.64	-1239.57	25.50	-152.15	23.51
24127	-20.06	2.50	-11.67	415.08	540.18	-1315.41	26.34	-527.22	55.63
24128	-19.98	3.10	-11.67	417.99	538.75	-1315.72	35.73	-526.03	68.85
24129	-20.91	2.50	-11.67	279.17	526.28	-1278.14	35.52	-499.59	50.64
24130	-20.83	3.10	-11.67	280.95	524.49	-1278.24	46.51	-498.28	61.48
24131	-21.75	2.50	-11.67	159.40	512.85	-1233.81	42.55	-413.83	40.89
24132	-21.68	3.10	-11.67	160.10	510.40	-1233.77	54.49	-411.65	47.86
24133	-22.60	2.50	-11.67	67.53	498.14	-1203.81	46.53	-278.19	28.35
24134	-22.52	3.10	-11.67	66.82	497.96	-1204.53	58.70	-274.97	30.44
24135	-23.44	2.50	-11.67	15.18	492.87	-1229.66	35.48	-106.09	22.17
24136	-23.37	3.10	-11.67	13.96	469.07	-1228.79	46.28	-107.17	18.89
24137	-20.06	2.50	-13.00	496.27	649.29	-1290.84	31.16	-367.75	41.27
24138	-19.98	3.10	-13.00	499.95	646.99	-1290.98	43.23	-366.93	50.90
24139	-20.91	2.50	-13.00	323.69	615.18	-1301.39	41.32	-347.26	37.40
24140	-20.83	3.10	-13.00	325.92	612.35	-1301.79	55.05	-346.34	45.21
24141	-21.75	2.50	-13.00	176.00	583.24	-1306.93	48.53	-282.86	30.20
24142	-21.68	3.10	-13.00	176.93	579.62	-1307.63	63.00	-281.31	35.00
24143	-22.60	2.50	-13.00	70.03	554.60	-1317.44	52.53	-178.89	21.83
24144	-22.52	3.10	-13.00	69.02	553.67	-1318.00	66.62	-176.80	22.73
24145	-23.44	2.50	-13.00	15.61	542.16	-1366.54	39.34	-54.02	15.22
24146	-23.37	3.10	-13.00	13.52	514.28	-1370.29	52.00	-53.15	12.71
24147	-20.06	2.50	-14.33	571.37	777.37	-1276.53	39.82	-158.63	23.30
24148	-19.98	3.10	-14.33	576.55	777.84	-1276.55	50.51	-158.23	26.52
24149	-20.91	2.50	-14.33	330.59	716.42	-1316.51	53.88	-150.48	21.22
24150	-20.83	3.10	-14.33	333.87	715.70	-1317.10	67.27	-150.03	23.72
24151	-21.75	2.50	-14.33	130.11	658.57	-1353.79	62.88	-123.34	18.14
24152	-21.68	3.10	-14.33	131.86	656.79	-1354.83	77.18	-122.60	19.49
24153	-22.60	2.50	-14.33	4.23	611.16	-1392.69	66.95	-76.33	14.38
24154	-22.52	3.10	-14.33	3.89	612.43	-1393.86	79.82	-75.21	13.71
24155	-23.44	2.50	-14.33	-25.73	592.78	-1438.09	54.94	-20.35	13.15
24156	-23.37	3.10	-14.33	-26.99	567.73	-1441.97	62.61	-19.34	12.23

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
24157	18.86	7.26	-11.67	1550.23	213.41	-296.81	-377.06	491.21	-5.46
24158	19.24	6.18	-11.67	1632.14	209.98	-301.87	-303.85	530.81	-2.44
24159	19.56	5.08	-11.67	1687.53	218.08	-305.56	-228.03	559.57	2.52
24160	19.82	3.96	-11.67	1718.72	232.17	-306.72	-159.16	578.31	5.81
24161	19.75	7.26	-11.67	1593.09	226.16	-259.39	-377.56	636.78	-70.45
24162	20.12	6.18	-11.67	1682.91	242.67	-270.87	-278.68	679.29	-50.10
24163	20.42	5.08	-11.67	1728.74	274.37	-278.96	-190.80	704.21	-30.94
24164	20.67	3.96	-11.67	1745.38	302.30	-282.51	-125.07	717.32	-18.05
24165	20.64	7.26	-11.67	1734.24	284.49	-167.48	-342.14	805.05	-161.40
24166	20.99	6.18	-11.67	1819.60	356.11	-181.23	-205.35	838.15	-109.49
24167	21.29	5.08	-11.67	1837.02	418.91	-190.89	-124.95	843.86	-79.21
24168	21.53	3.96	-11.67	1839.38	446.32	-189.78	-81.86	848.12	-61.43
24169	21.53	7.26	-11.67	2078.83	498.75	58.64	-219.07	1156.92	-210.89
24170	21.87	6.18	-11.67	2100.42	642.44	41.82	-79.56	1142.08	-139.29
24171	22.15	5.07	-11.67	2076.36	699.29	31.16	-57.88	1113.21	-134.30
24172	22.38	3.96	-11.67	2079.55	679.67	60.10	-55.00	1124.22	-126.62
24173	22.42	7.26	-11.67	2534.93	1161.61	1793.95	-129.75	2038.92	-393.24
24174	22.75	6.17	-11.67	2446.66	1262.11	1718.66	-55.96	1916.09	-336.79
24175	23.02	5.07	-11.67	2400.24	1245.69	1733.93	-104.12	1860.54	-386.75
24176	23.24	3.96	-11.67	2422.10	1136.03	1939.53	-113.35	1916.58	-369.08
24177	18.86	7.26	-13.00	1736.02	222.49	-201.72	-474.60	368.91	1.44
24178	19.24	6.18	-13.00	1804.58	204.04	-197.47	-392.43	407.11	6.65
24179	19.56	5.08	-13.00	1850.35	199.27	-192.60	-304.96	435.13	12.71
24180	19.82	3.96	-13.00	1875.07	203.14	-187.30	-220.35	452.94	15.77
24181	19.75	7.26	-13.00	1637.47	207.39	-169.35	-478.91	518.97	-46.69
24182	20.12	6.18	-13.00	1700.22	201.65	-170.19	-376.32	568.16	-24.15
24183	20.42	5.08	-13.00	1729.75	211.74	-169.10	-278.69	598.64	-4.73
24184	20.67	3.96	-13.00	1736.62	225.87	-166.04	-194.41	615.13	6.04
24185	20.64	7.26	-13.00	1532.83	244.28	-92.02	-443.22	712.58	-113.65
24186	20.99	6.18	-13.00	1578.00	265.84	-89.03	-322.11	764.50	-62.40
24187	21.29	5.08	-13.00	1582.37	293.38	-89.38	-227.27	785.41	-29.94
24188	21.53	3.96	-13.00	1570.71	309.95	-84.66	-155.62	794.56	-14.21
24189	21.53	7.26	-13.00	1301.19	416.85	375.07	-386.92	962.98	-194.89
24190	21.87	6.18	-13.00	1306.35	467.54	387.66	-270.39	986.86	-123.88
24191	22.15	5.07	-13.00	1285.10	492.98	392.88	-196.52	984.51	-94.03
24192	22.38	3.96	-13.00	1259.05	487.16	420.07	-137.49	984.36	-72.35
24193	22.42	7.26	-13.00	365.80	677.76	531.63	-352.41	523.07	-429.51
24194	22.75	6.17	-13.00	353.87	678.28	564.50	-266.97	513.37	-373.58
24195	23.02	5.07	-13.00	328.41	642.62	600.63	-206.50	490.56	-330.07
24196	23.24	3.96	-13.00	291.37	571.18	646.29	-137.58	463.52	-255.22
24197	18.86	7.26	-14.33	1981.76	214.88	-128.92	-595.42	134.61	7.97
24198	19.24	6.18	-14.33	2039.26	183.47	-115.21	-499.24	154.39	10.50
24199	19.56	5.08	-14.33	2074.45	169.94	-102.08	-393.99	167.98	13.72
24200	19.82	3.96	-14.33	2090.62	170.28	-90.09	-290.69	174.90	15.86
24201	19.75	7.26	-14.33	1717.55	148.81	-89.78	-615.19	218.40	-7.95
24202	20.12	6.18	-14.33	1742.74	120.94	-77.88	-501.44	245.69	3.43
24203	20.42	5.08	-14.33	1744.99	116.38	-66.35	-386.08	261.97	12.49
24204	20.67	3.96	-14.33	1732.58	125.59	-55.57	-279.86	269.49	17.20
24205	20.64	7.26	-14.33	1284.15	119.64	-8.37	-594.34	325.62	-32.33
24206	20.99	6.18	-14.33	1263.83	99.36	5.10	-474.07	354.51	-8.38
24207	21.29	5.08	-14.33	1229.07	101.48	15.87	-360.68	368.08	6.62
24208	21.53	3.96	-14.33	1189.04	112.37	27.59	-259.88	372.96	13.66
24209	21.53	7.26	-14.33	666.14	198.56	138.78	-513.22	289.78	-98.51
24210	21.87	6.18	-14.33	612.68	177.92	158.65	-411.06	302.11	-66.15
24211	22.15	5.07	-14.33	558.63	168.39	172.89	-314.27	303.40	-43.78
24212	22.38	3.96	-14.33	506.44	162.58	188.43	-226.54	296.25	-25.16
24213	22.42	7.26	-14.33	218.75	485.64	143.86	-324.20	57.54	-180.16
24214	22.75	6.17	-14.33	179.06	439.27	165.19	-261.76	48.02	-159.09
24215	23.02	5.07	-14.33	142.04	385.89	185.20	-197.10	35.38	-132.17
24216	23.24	3.96	-14.33	110.58	333.41	198.96	-135.57	17.19	-93.37
24217	0.61	3.95	-11.67	1383.14	468.35	-665.23	-56.35	-64.90	5.72
24218	1.82	3.95	-11.67	1414.12	450.80	-628.50	-62.94	-63.02	6.59
24219	3.03	3.95	-11.67	1444.98	432.25	-592.60	-70.07	-61.34	7.72
24220	4.24	3.95	-11.67	1475.97	412.79	-557.84	-77.77	-59.34	9.07
24221	5.45	3.95	-11.67	1507.28	392.50	-524.63	-86.09	-56.25	10.65
24222	6.67	3.95	-11.67	1538.93	371.48	-493.43	-95.03	-51.03	12.44
24223	7.88	3.96	-11.67	1570.76	349.87	-464.74	-104.58	-42.39	14.46
24224	9.09	3.96	-11.67	1602.34	327.84	-438.96	-114.68	-28.72	16.70
24225	10.30	3.96	-11.67	1632.96	305.67	-416.39	-125.22	-8.25	19.13
24226	11.51	3.96	-11.67	1661.57	283.70	-397.07	-136.00	20.96	21.69
24227	12.73	3.96	-11.67	1686.82	262.48	-380.75	-146.72	60.80	24.19
24228	13.94	3.96	-11.67	1707.12	242.74	-366.77	-156.97	112.95	26.32
24229	15.15	3.96	-11.67	1720.87	225.52	-354.18	-166.09	178.56	27.55
24230	16.36	3.96	-11.67	1726.96	212.26	-342.06	-173.07	258.02	27.15
24231	17.57	3.96	-11.67	1725.71	205.15	-330.14	-176.34	350.63	24.29
24232	18.78	3.96	-11.67	1720.41	207.73	-319.19	-173.52	453.83	18.15
24233	0.60	5.05	-11.67	1370.04	470.49	-673.00	-71.24	-63.01	16.51
24234	1.79	5.05	-11.67	1399.39	453.66	-636.64	-79.92	-60.65	17.46
24235	2.99	5.06	-11.67	1428.40	435.92	-601.16	-89.24	-58.50	18.71
24236	4.18	5.06	-11.67	1457.31	417.35	-566.87	-99.25	-56.04	20.22
24237	5.38	5.06	-11.67	1486.28	398.00	-534.13	-109.99	-52.54	21.98
24238	6.58	5.06	-11.67	1515.31	377.99	-503.36	-121.48	-47.00	23.99
24239	7.77	5.06	-11.67	1544.28	357.42	-475.01	-133.72	-38.20	26.23
24240	8.97	5.07	-11.67	1572.80	336.43	-449.43	-146.68	-24.65	28.70
24241	10.16	5.07	-11.67	1600.24	315.20	-426.85	-160.26	-4.66	31.34
24242	11.36	5.07	-11.67	1625.70	293.99	-407.27	-174.31	23.57	34.05
24243	12.55	5.07	-11.67	1648.01	273.18	-390.36	-188.55	61.79	36.58
24244	13.75	5.07	-11.67	1665.82	253.29	-375.42	-202.61	111.53	38.50
24245	14.94	5.08	-11.67	1677.86	235.08	-361.50	-215.89	173.87	39.07
24246	16.14	5.08	-11.67	1683.44	219.65	-347.71	-227.44	249.28	37.28
24247	17.33	5.08	-11.67	1683.37	208.60	-333.83	-235.69	337.38	31.94
24248	18.53	5.08	-11.67	1681.47	204.81	-320.68	-237.95	436.44	21.80
24249	0.59	6.15	-11.67	1352.87	470.93	-681.50	-85.33	-60.86	27.73
24250	1.76	6.15	-11.67	1380.32	454.99	-645.55	-95.86	-57.95	28.68
24251	2.94	6.16	-11.67	1407.20	438.24	-610.58	-107.11	-55.26	29.99
24252	4.11	6.16	-11.67	1433.70	420.74	-576.83	-119.12	-52.29	31.62
24253	5.29	6.16	-11.67	1459.97	402.58	-544.63	-131.95	-48.34	33.53
24254	6.46	6.16	-11.67	1486.01	383.84	-514.35	-145.63	-42.48	35.73
24255	7.64	6.16	-11.67	1511.67	364.61	-486.37	-160.17	-33.57	38.20

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
24256	8.81	6.17	-11.67	1536.63	345.00	-460.98	-175.59	-20.23	40.90
24257	9.99	6.17	-11.67	1560.33	325.12	-438.35	-191.83	-0.92	43.74
24258	11.16	6.17	-11.67	1581.96	305.14	-418.41	-208.78	26.00	46.58
24259	12.34	6.17	-11.67	1600.52	285.29	-400.79	-226.28	62.14	49.10
24260	13.51	6.17	-11.67	1614.86	265.92	-384.75	-244.01	108.84	50.77
24261	14.69	6.18	-11.67	1623.90	247.57	-369.31	-261.55	167.05	50.69
24262	15.86	6.18	-11.67	1627.22	230.97	-353.56	-278.20	237.17	47.51
24263	17.04	6.18	-11.67	1625.87	217.19	-337.30	-292.68	319.11	39.64
24264	18.21	6.18	-11.67	1623.82	208.10	-321.22	-302.66	411.74	25.26
24265	0.58	7.25	-11.67	1331.72	469.21	-690.77	-98.53	-58.47	39.98
24266	1.73	7.25	-11.67	1357.08	454.30	-655.27	-110.63	-54.94	40.81
24267	2.88	7.25	-11.67	1381.62	438.70	-620.85	-123.50	-51.66	42.09
24268	4.03	7.25	-11.67	1405.52	422.47	-587.69	-137.18	-48.13	43.75
24269	5.18	7.25	-11.67	1428.87	405.69	-556.07	-151.72	-43.69	45.77
24270	6.33	7.26	-11.67	1451.67	388.43	-526.29	-167.16	-37.50	48.12
24271	7.48	7.26	-11.67	1473.77	370.78	-498.65	-183.55	-28.52	50.78
24272	8.63	7.26	-11.67	1494.86	352.84	-473.39	-200.92	-15.52	53.68
24273	9.78	7.26	-11.67	1514.43	334.66	-450.61	-219.29	2.90	56.71
24274	10.93	7.26	-11.67	1531.76	316.36	-430.19	-238.61	28.19	59.63
24275	12.08	7.26	-11.67	1545.94	298.08	-411.71	-258.81	61.81	62.08
24276	13.23	7.26	-11.67	1555.99	279.96	-394.46	-279.74	104.93	63.44
24277	14.38	7.26	-11.67	1560.94	262.40	-377.44	-301.03	158.33	62.77
24278	15.53	7.26	-11.67	1560.25	246.01	-359.67	-322.32	222.19	58.53
24279	16.68	7.26	-11.67	1554.97	231.28	-340.88	-342.93	296.38	48.58
24280	17.83	7.26	-11.67	1548.59	219.54	-321.44	-361.10	380.39	30.72
24281	0.61	3.95	-13.00	1643.08	595.65	-653.82	-69.75	-48.97	4.34
24282	1.82	3.95	-13.00	1679.58	574.47	-617.31	-76.34	-49.32	5.07
24283	3.03	3.95	-13.00	1717.68	552.39	-581.15	-83.68	-49.77	6.00
24284	4.24	3.95	-13.00	1757.55	529.43	-545.48	-91.87	-49.93	7.11
24285	5.45	3.95	-13.00	1799.17	505.60	-510.48	-100.99	-49.24	8.42
24286	6.67	3.95	-13.00	1842.24	480.89	-476.34	-111.13	-46.96	9.94
24287	7.88	3.96	-13.00	1886.12	455.27	-443.28	-122.34	-42.14	11.67
24288	9.09	3.96	-13.00	1929.74	428.70	-411.49	-134.63	-33.61	13.64
24289	10.30	3.96	-13.00	1971.51	401.18	-381.11	-147.93	-20.04	15.82
24290	11.51	3.96	-13.00	2009.27	372.75	-352.17	-162.10	0.01	18.16
24291	12.73	3.96	-13.00	2040.27	343.55	-324.59	-176.80	28.00	20.52
24292	13.94	3.96	-13.00	2061.22	313.92	-298.14	-191.52	65.29	22.64
24293	15.15	3.96	-13.00	2068.36	284.49	-272.55	-205.46	113.14	24.14
24294	16.36	3.96	-13.00	2057.77	256.28	-247.76	-217.40	172.67	24.52
24295	17.57	3.96	-13.00	2025.70	230.94	-224.16	-225.67	245.18	23.33
24296	18.78	3.96	-13.00	1969.28	211.08	-203.98	-228.25	332.89	20.63
24297	0.60	5.05	-13.00	1630.39	601.41	-660.85	-88.23	-47.11	10.72
24298	1.79	5.05	-13.00	1664.92	581.00	-624.77	-97.13	-47.11	11.53
24299	2.99	5.06	-13.00	1700.72	559.73	-589.09	-106.91	-47.20	12.59
24300	4.18	5.06	-13.00	1737.94	537.64	-553.91	-117.70	-47.02	13.89
24301	5.38	5.06	-13.00	1776.56	514.72	-519.40	-129.61	-46.02	15.42
24302	6.58	5.06	-13.00	1816.27	490.96	-485.75	-142.75	-43.49	17.18
24303	7.77	5.06	-13.00	1856.48	466.32	-453.14	-157.19	-38.53	19.20
24304	8.97	5.07	-13.00	1896.20	440.72	-421.73	-172.99	-30.04	21.46
24305	10.16	5.07	-13.00	1933.99	414.09	-391.64	-190.11	-16.80	23.95
24306	11.36	5.07	-13.00	1967.90	386.38	-362.88	-208.43	2.55	26.58
24307	12.55	5.07	-13.00	1995.51	357.63	-335.32	-227.66	29.33	29.14
24308	13.75	5.07	-13.00	2013.90	328.03	-308.71	-247.30	64.79	31.28
24309	14.94	5.08	-13.00	2019.86	298.02	-282.77	-266.58	110.06	32.43
24310	16.14	5.08	-13.00	2010.09	268.32	-257.37	-284.31	166.27	31.87
24311	17.33	5.08	-13.00	1981.59	240.19	-232.86	-298.72	234.82	28.85
24312	18.53	5.08	-13.00	1932.16	215.56	-211.43	-307.41	318.29	23.07
24313	0.59	6.15	-13.00	1613.43	605.44	-668.21	-105.29	-45.63	17.32
24314	1.76	6.15	-13.00	1645.65	585.97	-632.67	-116.26	-45.19	18.16
24315	2.94	6.16	-13.00	1678.78	565.70	-597.56	-128.22	-44.88	19.31
24316	4.11	6.16	-13.00	1712.95	544.66	-562.99	-141.30	-44.30	20.76
24317	5.29	6.16	-13.00	1748.10	522.87	-529.09	-155.63	-42.96	22.49
24318	6.46	6.16	-13.00	1783.94	500.31	-496.02	-171.35	-40.17	24.50
24319	7.64	6.16	-13.00	1819.91	476.92	-463.95	-188.56	-35.11	26.80
24320	8.81	6.17	-13.00	1855.09	452.63	-433.01	-207.36	-26.76	29.36
24321	9.99	6.17	-13.00	1888.19	427.30	-403.28	-227.78	-13.99	32.13
24322	11.16	6.17	-13.00	1917.46	400.82	-374.74	-249.75	4.40	35.00
24323	12.34	6.17	-13.00	1940.77	373.14	-347.25	-273.05	29.62	37.72
24324	13.51	6.17	-13.00	1955.59	344.33	-320.53	-297.27	62.76	39.83
24325	14.69	6.18	-13.00	1959.12	314.72	-294.24	-321.73	104.78	40.61
24326	15.86	6.18	-13.00	1948.63	284.85	-268.19	-345.49	156.66	39.02
24327	17.04	6.18	-13.00	1921.79	255.51	-242.62	-367.01	219.83	33.94
24328	18.21	6.18	-13.00	1877.11	227.88	-219.54	-384.01	296.84	24.58
24329	0.58	7.25	-13.00	1592.46	607.75	-675.30	-122.24	-44.40	24.22
24330	1.73	7.25	-13.00	1622.14	589.39	-640.38	-135.01	-43.45	25.00
24331	2.88	7.25	-13.00	1652.35	570.30	-605.95	-148.83	-42.66	26.20
24332	4.03	7.25	-13.00	1683.18	550.50	-572.08	-163.84	-41.66	27.76
24333	5.18	7.25	-13.00	1714.55	530.03	-538.88	-180.18	-39.95	29.66
24334	6.33	7.26	-13.00	1746.18	508.88	-506.49	-197.99	-36.91	31.89
24335	7.48	7.26	-13.00	1777.55	487.00	-475.03	-217.42	-31.79	34.44
24336	8.63	7.26	-13.00	1807.80	464.32	-444.60	-238.60	-23.69	37.28
24337	9.78	7.26	-13.00	1835.74	440.69	-415.26	-261.62	-11.61	40.32
24338	10.93	7.26	-13.00	1859.84	415.97	-386.96	-286.48	5.54	43.38
24339	12.08	7.26	-13.00	1878.17	390.05	-359.57	-313.06	28.84	46.19
24340	13.23	7.26	-13.00	1888.56	362.88	-332.81	-341.07	59.21	48.24
24341	14.38	7.26	-13.00	1888.54	334.77	-306.27	-369.89	97.46	48.74
24342	15.53	7.26	-13.00	1875.67	306.33	-279.62	-398.92	144.24	46.40
24343	16.68	7.26	-13.00	1848.19	277.87	-252.95	-427.18	200.73	39.55
24344	17.83	7.26	-13.00	1805.14	249.98	-228.02	-452.65	269.41	27.11
24345	0.61	3.95	-14.33	1907.66	735.07	-649.62	-84.97	-32.30	7.48
24346	1.82	3.95	-14.33	1949.46	710.28	-613.20	-91.23	-32.99	7.80
24347	3.03	3.95	-14.33	1995.05	684.76	-576.85	-98.48	-33.72	8.19
24348	4.24	3.95	-14.33	2044.61	658.48	-540.60	-106.86	-34.35	8.65
24349	5.45	3.95	-14.33	2098.12	631.36	-504.49	-116.52	-34.67	9.18
24350	6.67	3.95	-14.33	2155.13	603.27	-468.55	-127.59	-34.41	9.81
24351	7.88	3.96	-14.33	2214.72	574.03	-432.85	-140.22	-33.18	10.52
24352	9.09	3.96	-14.33	2275.28	543.37	-397.42	-154.49	-30.51	11.35
24353	10.30	3.96	-14.33	2334.42	510.97	-362.28	-170.43	-25.86	12.29
24354	11.51	3.96	-14.33	2388.85	476.47	-327.46	-187.96	-18.64	13.33

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
24355	12.73	3.96	-14.33	2434.25	439.56	-292.94	-206.81	-8.22	14.42
24356	13.94	3.96	-14.33	2465.32	400.02	-258.67	-226.46	6.00	15.47
24357	15.15	3.96	-14.33	2475.67	357.81	-224.62	-246.01	24.64	16.34
24358	16.36	3.96	-14.33	2457.82	313.23	-190.79	-264.08	48.34	16.86
24359	17.57	3.96	-14.33	2402.77	267.16	-157.40	-278.69	78.06	16.85
24360	18.78	3.96	-14.33	2299.19	221.34	-124.36	-287.38	115.40	15.88
24361	0.60	5.05	-14.33	1895.76	743.63	-655.91	-104.41	-29.59	9.12
24362	1.79	5.05	-14.33	1935.21	719.57	-619.97	-113.12	-30.14	9.48
24363	2.99	5.06	-14.33	1978.01	694.81	-584.11	-123.01	-30.73	9.93
24364	4.18	5.06	-14.33	2024.33	669.32	-548.35	-134.24	-31.23	10.48
24365	5.38	5.06	-14.33	2074.10	643.02	-512.74	-147.01	-31.43	11.12
24366	6.58	5.06	-14.33	2126.91	615.80	-477.30	-161.49	-31.06	11.85
24367	7.77	5.06	-14.33	2181.84	587.42	-442.08	-177.87	-29.76	12.70
24368	8.97	5.07	-14.33	2237.42	557.60	-407.13	-196.30	-27.08	13.67
24369	10.16	5.07	-14.33	2291.45	525.94	-372.46	-216.87	-22.54	14.76
24370	11.36	5.07	-14.33	2340.93	492.03	-338.08	-239.53	-15.56	15.94
24371	12.55	5.07	-14.33	2382.00	455.43	-303.96	-264.06	-5.60	17.14
24372	13.75	5.07	-14.33	2409.92	415.85	-270.07	-289.99	7.90	18.23
24373	14.94	5.08	-14.33	2419.12	373.10	-236.36	-316.48	25.49	18.98
24374	16.14	5.08	-14.33	2403.15	327.22	-202.81	-342.19	47.78	19.11
24375	17.33	5.08	-14.33	2354.39	278.68	-169.62	-365.00	75.66	18.32
24376	18.53	5.08	-14.33	2262.93	228.86	-136.67	-382.02	110.83	15.91
24377	0.59	6.15	-14.33	1879.56	751.12	-662.32	-124.03	-29.23	11.41
24378	1.76	6.15	-14.33	1916.29	727.97	-626.98	-134.97	-29.61	11.79
24379	2.94	6.16	-14.33	1955.85	704.13	-591.73	-147.22	-30.05	12.30
24380	4.11	6.16	-14.33	1998.40	679.60	-556.60	-160.97	-30.40	12.94
24381	5.29	6.16	-14.33	2043.83	654.31	-521.60	-176.45	-30.47	13.68
24382	6.46	6.16	-14.33	2091.74	628.14	-486.79	-193.88	-29.99	14.56
24383	7.64	6.16	-14.33	2141.26	600.87	-452.19	-213.49	-28.64	15.56
24384	8.81	6.17	-14.33	2191.02	572.19	-417.83	-235.50	-26.01	16.69
24385	9.99	6.17	-14.33	2239.02	541.67	-383.74	-260.06	-21.63	17.95
24386	11.16	6.17	-14.33	2282.56	508.83	-349.91	-287.20	-15.01	19.29
24387	12.34	6.17	-14.33	2318.20	473.20	-316.32	-316.79	-5.65	20.63
24388	13.51	6.17	-14.33	2341.77	434.44	-282.91	-348.43	6.94	21.78
24389	14.69	6.18	-14.33	2348.40	392.44	-249.62	-381.47	23.18	22.43
24390	15.86	6.18	-14.33	2332.70	347.14	-216.41	-414.87	43.63	22.15
24391	17.04	6.18	-14.33	2288.47	298.60	-183.41	-446.73	69.10	20.45
24392	18.21	6.18	-14.33	2207.57	247.73	-150.52	-474.04	101.17	16.25
24393	0.58	7.25	-14.33	1859.20	757.05	-668.61	-142.25	-31.18	14.29
24394	1.73	7.25	-14.33	1892.92	734.98	-633.97	-155.18	-31.35	14.68
24395	2.88	7.25	-14.33	1928.92	712.21	-599.44	-169.47	-31.59	15.25
24396	4.03	7.25	-14.33	1967.31	688.76	-565.03	-185.37	-31.78	15.98
24397	5.18	7.25	-14.33	2008.00	664.60	-530.76	-203.11	-31.70	16.86
24398	6.33	7.26	-14.33	2050.55	639.61	-496.67	-222.94	-31.12	17.90
24399	7.48	7.26	-14.33	2094.16	613.60	-462.78	-245.12	-29.74	19.08
24400	8.63	7.26	-14.33	2137.55	586.29	-429.12	-269.93	-27.19	20.42
24401	9.78	7.26	-14.33	2178.90	557.25	-395.69	-297.61	-23.08	21.88
24402	10.93	7.26	-14.33	2215.81	525.94	-362.50	-328.27	-16.95	23.41
24403	12.08	7.26	-14.33	2245.20	491.92	-329.52	-361.83	-8.35	24.92
24404	13.23	7.26	-14.33	2263.37	454.81	-296.70	-398.05	3.12	26.19
24405	14.38	7.26	-14.33	2266.09	414.75	-263.93	-436.32	17.83	26.87
24406	15.53	7.26	-14.33	2248.64	372.20	-231.11	-476.12	36.11	26.31
24407	16.68	7.26	-14.33	2206.38	326.72	-198.33	-516.40	58.65	23.71
24408	17.83	7.26	-14.33	2133.02	278.90	-165.44	-554.10	87.13	17.82
24409	-18.78	3.96	-11.67	547.35	547.71	-1332.02	36.19	-502.97	88.64
24410	-17.57	3.96	-11.67	647.59	557.22	-1326.92	25.29	-458.62	83.58
24411	-16.36	3.96	-11.67	737.82	564.87	-1303.99	15.51	-400.83	74.84
24412	-15.15	3.96	-11.67	816.66	570.27	-1265.60	7.32	-339.14	64.06
24413	-13.94	3.96	-11.67	885.14	573.39	-1216.28	0.68	-280.72	52.73
24414	-12.73	3.96	-11.67	945.26	574.27	-1161.18	-4.71	-229.89	41.99
24415	-11.51	3.96	-11.67	999.11	573.02	-1104.64	-9.27	-188.30	32.51
24416	-10.30	3.96	-11.67	1048.29	569.77	-1049.55	-13.39	-155.74	24.60
24417	-9.09	3.96	-11.67	1093.92	564.62	-997.41	-17.35	-130.99	18.28
24418	-7.88	3.96	-11.67	1136.69	557.69	-948.64	-21.34	-112.51	13.45
24419	-6.67	3.95	-11.67	1177.02	549.10	-903.00	-25.47	-98.79	9.93
24420	-5.45	3.95	-11.67	1215.21	538.97	-859.97	-29.82	-88.57	7.50
24421	-4.24	3.95	-11.67	1251.53	527.38	-818.90	-34.43	-80.90	5.98
24422	-3.03	3.95	-11.67	1286.20	514.45	-779.25	-39.35	-75.10	5.17
24423	-1.82	3.95	-11.67	1319.50	500.25	-740.58	-44.61	-70.70	4.93
24424	-0.61	3.95	-11.67	1351.71	484.87	-702.61	-50.26	-67.40	5.14
24425	-18.53	5.08	-11.67	555.64	541.59	-1329.50	50.06	-497.42	114.77
24426	-17.33	5.08	-11.67	652.87	551.70	-1324.52	36.75	-454.56	109.52
24427	-16.14	5.08	-11.67	740.61	559.96	-1302.68	24.62	-398.99	99.72
24428	-14.94	5.08	-11.67	817.58	565.97	-1266.08	14.26	-339.54	87.30
24429	-13.75	5.07	-11.67	884.67	569.62	-1218.79	5.71	-282.88	74.06
24430	-12.55	5.07	-11.67	943.69	570.99	-1165.54	-1.39	-233.13	61.34
24431	-11.36	5.07	-11.67	996.56	570.18	-1110.42	-7.52	-191.95	49.99
24432	-10.16	5.07	-11.67	1044.81	567.35	-1056.26	-13.12	-159.28	40.40
24433	-8.97	5.07	-11.67	1089.52	562.63	-1004.62	-18.56	-134.07	32.67
24434	-7.77	5.06	-11.67	1131.36	556.13	-956.04	-24.05	-114.92	26.71
24435	-6.58	5.06	-11.67	1170.76	547.99	-910.42	-29.72	-100.46	22.31
24436	-5.38	5.06	-11.67	1208.00	538.31	-867.32	-35.67	-89.51	19.24
24437	-4.18	5.06	-11.67	1243.32	527.20	-826.20	-41.94	-81.16	17.27
24438	-2.99	5.06	-11.67	1276.94	514.78	-786.54	-48.58	-74.74	16.17
24439	-1.79	5.05	-11.67	1309.09	501.13	-747.93	-55.64	-69.79	15.77
24440	-0.60	5.05	-11.67	1340.03	486.34	-710.12	-63.17	-65.97	15.92
24441	-18.21	6.18	-11.67	565.76	532.86	-1324.58	63.04	-489.87	140.13
24442	-17.04	6.18	-11.67	659.17	543.56	-1319.68	47.59	-448.81	134.84
24443	-15.86	6.18	-11.67	743.75	552.49	-1299.11	33.34	-395.92	124.30
24444	-14.69	6.18	-11.67	818.28	559.15	-1264.65	21.00	-339.20	110.68
24445	-13.51	6.17	-11.67	883.51	563.41	-1219.84	10.61	-284.75	95.94
24446	-12.34	6.17	-11.67	941.05	565.30	-1168.92	1.84	-236.43	81.59
24447	-11.16	6.17	-11.67	992.60	564.96	-1115.64	-5.83	-195.91	68.59
24448	-9.99	6.17	-11.67	1039.62	562.59	-1062.76	-12.92	-163.24	57.44
24449	-8.81	6.17	-11.67	1083.12	558.32	-1011.88	-19.81	-137.58	48.32
24450	-7.64	6.16	-11.67	1123.77	552.29	-963.69	-26.76	-117.72	41.16
24451	-6.46	6.16	-11.67	1161.97	544.63	-918.22	-33.92	-102.43	35.80
24452	-5.29	6.16	-11.67	1198.01	535.47	-875.16	-41.38	-90.66	31.98
24453	-4.11	6.16	-11.67	1232.08	524.92	-834.05	-49.22	-81.52	29.43



Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
24454	-2.94	6.16	-11.67	1264.38	513.08	-794.43	-57.49	-74.38	27.92
24455	-1.76	6.15	-11.67	1295.13	500.07	-755.92	-66.22	-68.77	27.24
24456	-0.59	6.15	-11.67	1324.56	485.98	-718.30	-75.47	-64.35	27.22
24457	-17.83	7.26	-11.67	577.44	521.44	-1317.01	74.78	-480.49	164.85
24458	-16.68	7.26	-11.67	666.37	532.69	-1312.08	57.48	-441.43	159.62
24459	-15.53	7.26	-11.67	747.16	542.28	-1292.87	41.38	-391.59	148.69
24460	-14.38	7.26	-11.67	818.73	549.64	-1260.86	27.23	-337.96	134.27
24461	-13.23	7.26	-11.67	881.68	554.53	-1218.95	15.11	-286.05	118.53
24462	-12.08	7.26	-11.67	937.33	556.94	-1170.81	4.74	-239.52	103.02
24463	-10.93	7.26	-11.67	987.21	557.09	-1119.83	-4.43	-199.94	88.71
24464	-9.78	7.26	-11.67	1032.67	555.18	-1068.63	-12.96	-167.44	76.20
24465	-8.63	7.26	-11.67	1074.69	551.38	-1018.87	-21.26	-141.39	65.77
24466	-7.48	7.26	-11.67	1113.89	545.85	-971.35	-29.59	-120.81	57.47
24467	-6.33	7.26	-11.67	1150.65	538.72	-926.27	-38.14	-104.66	51.12
24468	-5.18	7.25	-11.67	1185.23	530.13	-883.44	-47.02	-91.99	46.47
24469	-4.03	7.25	-11.67	1217.80	520.20	-842.48	-56.30	-82.00	43.24
24470	-2.88	7.25	-11.67	1248.55	509.03	-803.00	-66.06	-74.05	41.17
24471	-1.73	7.25	-11.67	1277.65	496.72	-764.65	-76.33	-67.70	40.05
24472	-0.58	7.25	-11.67	1305.32	483.39	-727.25	-87.13	-62.59	39.69
24473	-18.78	3.96	-13.00	666.62	673.06	-1273.40	44.75	-350.47	65.15
24474	-17.57	3.96	-13.00	798.58	695.41	-1250.40	31.24	-319.09	61.76
24475	-16.36	3.96	-13.00	918.19	713.21	-1220.12	18.40	-278.51	55.79
24476	-15.15	3.96	-13.00	1023.01	726.05	-1182.97	6.77	-234.56	48.18
24477	-13.94	3.96	-13.00	1112.67	733.86	-1141.03	-3.34	-192.39	39.97
24478	-12.73	3.96	-13.00	1188.39	736.97	-1096.47	-11.92	-155.36	31.98
24479	-11.51	3.96	-13.00	1252.31	735.87	-1051.18	-19.15	-125.03	24.80
24480	-10.30	3.96	-13.00	1306.82	731.14	-1006.48	-25.29	-101.53	18.72
24481	-9.09	3.96	-13.00	1354.19	723.36	-963.04	-30.65	-84.12	13.83
24482	-7.88	3.96	-13.00	1396.37	713.01	-921.11	-35.48	-71.68	10.09
24483	-6.67	3.95	-13.00	1434.90	700.54	-880.60	-40.00	-63.05	7.37
24484	-5.45	3.95	-13.00	1471.03	686.29	-841.26	-44.40	-57.21	5.51
24485	-4.24	3.95	-13.00	1505.70	670.52	-802.82	-48.85	-53.38	4.37
24486	-3.03	3.95	-13.00	1539.66	653.45	-765.02	-53.49	-50.97	3.79
24487	-1.82	3.95	-13.00	1573.54	635.21	-727.65	-58.44	-49.61	3.65
24488	-0.61	3.95	-13.00	1607.86	615.92	-690.60	-63.82	-49.02	3.85
24489	-18.53	5.08	-13.00	677.16	664.79	-1271.67	62.65	-346.04	83.11
24490	-17.33	5.08	-13.00	805.19	687.45	-1249.00	46.17	-315.69	79.60
24491	-16.14	5.08	-13.00	921.34	705.78	-1219.51	30.30	-276.72	72.95
24492	-14.94	5.08	-13.00	1023.40	719.39	-1183.44	15.78	-234.47	64.24
24493	-13.75	5.07	-13.00	1111.04	728.18	-1142.68	2.96	-193.70	54.66
24494	-12.55	5.07	-13.00	1185.37	732.41	-1099.22	-8.11	-157.58	45.22
24495	-11.36	5.07	-13.00	1248.35	732.52	-1054.83	-17.65	-127.63	36.59
24496	-10.16	5.07	-13.00	1302.20	729.01	-1010.79	-25.96	-104.08	29.19
24497	-8.97	5.07	-13.00	1349.07	722.38	-967.83	-33.37	-86.29	23.15
24498	-7.77	5.06	-13.00	1390.78	713.12	-926.22	-40.17	-73.30	18.47
24499	-6.58	5.06	-13.00	1428.80	701.63	-885.96	-46.61	-64.05	15.02
24500	-5.38	5.06	-13.00	1464.30	688.26	-846.84	-52.90	-57.61	12.63
24501	-4.18	5.06	-13.00	1498.19	673.32	-808.62	-59.24	-53.22	11.12
24502	-2.99	5.06	-13.00	1531.19	657.01	-771.06	-65.80	-50.31	10.30
24503	-1.79	5.05	-13.00	1563.91	639.50	-733.98	-72.72	-48.51	10.03
24504	-0.60	5.05	-13.00	1596.84	620.94	-697.25	-80.14	-47.52	10.20
24505	-18.21	6.18	-13.00	690.18	653.15	-1267.64	79.86	-340.75	100.56
24506	-17.04	6.18	-13.00	813.22	675.98	-1245.43	60.76	-311.69	97.05
24507	-15.86	6.18	-13.00	924.95	694.78	-1216.94	42.26	-274.70	90.01
24508	-14.69	6.18	-13.00	1023.43	709.16	-1182.22	25.18	-234.54	80.55
24509	-13.51	6.17	-13.00	1108.37	718.98	-1142.92	9.92	-195.53	69.95
24510	-12.34	6.17	-13.00	1180.77	724.43	-1100.83	-3.48	-160.60	59.31
24511	-11.16	6.17	-13.00	1242.39	725.87	-1057.58	-15.24	-131.24	49.40
24512	-9.99	6.17	-13.00	1295.28	723.73	-1014.41	-25.69	-107.70	40.71
24513	-8.81	6.17	-13.00	1341.42	718.43	-972.09	-35.16	-89.53	33.50
24514	-7.64	6.16	-13.00	1382.48	710.39	-930.96	-43.94	-75.93	27.81
24515	-6.46	6.16	-13.00	1419.82	700.04	-891.06	-52.29	-65.97	23.55
24516	-5.29	6.16	-13.00	1454.52	687.72	-852.27	-60.44	-58.82	20.52
24517	-4.11	6.16	-13.00	1487.44	673.74	-814.37	-68.63	-53.76	18.52
24518	-2.94	6.16	-13.00	1519.27	658.35	-777.15	-77.05	-50.26	17.35
24519	-1.76	6.15	-13.00	1550.58	641.74	-740.45	-85.86	-47.93	16.84
24520	-0.59	6.15	-13.00	1581.85	624.06	-704.14	-95.21	-46.45	16.86
24521	-17.83	7.26	-13.00	705.52	638.82	-1260.73	94.72	-334.73	117.12
24522	-16.68	7.26	-13.00	822.72	661.77	-1239.03	73.35	-307.13	113.66
24523	-15.53	7.26	-13.00	929.14	680.97	-1211.76	52.62	-272.46	106.49
24524	-14.38	7.26	-13.00	1023.25	696.08	-1178.67	33.33	-234.68	96.64
24525	-13.23	7.26	-13.00	1104.82	706.91	-1141.13	15.89	-197.70	85.44
24526	-12.08	7.26	-13.00	1174.71	713.57	-1100.66	0.37	-164.26	73.95
24527	-10.93	7.26	-13.00	1234.51	716.40	-1058.75	-13.51	-135.66	62.95
24528	-9.78	7.26	-13.00	1286.14	715.68	-1016.61	-26.08	-112.22	53.09
24529	-8.63	7.26	-13.00	1331.34	711.74	-975.08	-37.60	-93.66	44.76
24530	-7.48	7.26	-13.00	1371.58	704.99	-934.57	-48.32	-79.39	38.08
24531	-6.33	7.26	-13.00	1408.07	695.86	-895.18	-58.53	-68.65	32.98
24532	-5.18	7.25	-13.00	1441.80	684.70	-856.83	-68.50	-60.70	29.25
24533	-4.03	7.25	-13.00	1473.56	671.84	-819.37	-78.47	-54.90	26.68
24534	-2.88	7.25	-13.00	1504.02	657.52	-782.61	-88.65	-50.72	25.05
24535	-1.73	7.25	-13.00	1533.71	641.94	-746.40	-99.24	-47.77	24.18
24536	-0.58	7.25	-13.00	1563.08	625.30	-710.65	-110.38	-45.73	23.92
24537	-18.78	3.96	-14.33	806.24	821.52	-1239.45	50.13	-147.41	31.54
24538	-17.57	3.96	-14.33	982.06	858.09	-1206.92	31.60	-135.25	30.42
24539	-16.36	3.96	-14.33	1138.89	886.75	-1171.79	13.66	-118.60	27.90
24540	-15.15	3.96	-14.33	1272.30	906.66	-1135.17	-2.61	-100.59	24.72
24541	-13.94	3.96	-14.33	1381.54	918.06	-1097.50	-16.62	-83.45	21.32
24542	-12.73	3.96	-14.33	1468.64	921.80	-1059.28	-28.20	-68.61	18.04
24543	-11.51	3.96	-14.33	1537.23	919.06	-1020.91	-37.50	-56.68	15.13
24544	-10.30	3.96	-14.33	1591.54	911.09	-982.67	-44.86	-47.69	12.69
24545	-9.09	3.96	-14.33	1635.61	899.05	-944.73	-50.71	-41.28	10.76
24546	-7.88	3.96	-14.33	1672.92	883.92	-907.12	-55.48	-36.96	9.32
24547	-6.67	3.95	-14.33	1706.23	866.45	-869.83	-59.54	-34.20	8.30
24548	-5.45	3.95	-14.33	1737.62	847.24	-832.80	-63.25	-32.56	7.64
24549	-4.24	3.95	-14.33	1768.60	826.68	-795.96	-66.89	-31.70	7.26
24550	-3.03	3.95	-14.33	1800.32	805.04	-759.26	-70.69	-31.38	7.10
24551	-1.82	3.95	-14.33	1833.62	782.50	-722.65	-74.86	-31.44	7.10
24552	-0.61	3.95	-14.33	1869.21	759.16	-686.11	-79.56	-31.79	7.24

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
24553	-18.53	5.08	-14.33	818.86	809.75	-1237.77	75.18	-143.66	38.15
24554	-17.33	5.08	-14.33	989.25	846.56	-1205.75	52.58	-131.94	37.01
24555	-16.14	5.08	-14.33	1141.33	875.98	-1171.19	30.48	-116.01	34.23
24556	-14.94	5.08	-14.33	1271.14	897.20	-1135.20	10.21	-98.72	30.58
24557	-13.75	5.07	-14.33	1378.02	910.31	-1098.16	-7.49	-82.18	26.59
24558	-12.55	5.07	-14.33	1463.81	916.03	-1060.55	-22.42	-67.71	22.68
24559	-11.36	5.07	-14.33	1531.86	915.37	-1022.75	-34.75	-55.92	19.14
24560	-10.16	5.07	-14.33	1586.09	909.42	-985.03	-44.86	-46.88	16.12
24561	-8.97	5.07	-14.33	1630.28	899.23	-947.55	-53.21	-40.29	13.70
24562	-7.77	5.06	-14.33	1667.69	885.72	-910.38	-60.27	-35.71	11.84
24563	-6.58	5.06	-14.33	1700.93	869.65	-873.51	-66.47	-32.67	10.51
24564	-5.38	5.06	-14.33	1731.99	851.62	-836.89	-72.21	-30.77	9.62
24565	-4.18	5.06	-14.33	1762.37	832.08	-800.47	-77.85	-29.67	9.07
24566	-2.99	5.06	-14.33	1793.16	811.33	-764.20	-83.66	-29.14	8.81
24567	-1.79	5.05	-14.33	1825.23	789.58	-728.02	-89.88	-29.03	8.76
24568	-0.60	5.05	-14.33	1859.25	766.99	-691.93	-96.72	-29.21	8.88
24569	-18.21	6.18	-14.33	835.00	793.98	-1233.89	97.35	-141.72	45.11
24570	-17.04	6.18	-14.33	998.24	830.66	-1202.57	71.26	-130.70	44.08
24571	-15.86	6.18	-14.33	1144.18	860.65	-1168.77	45.69	-115.67	41.20
24572	-14.69	6.18	-14.33	1269.28	883.09	-1133.58	22.03	-99.29	37.26
24573	-13.51	6.17	-14.33	1372.91	898.00	-1097.37	1.09	-83.49	32.84
24574	-12.34	6.17	-14.33	1456.74	905.95	-1060.53	-16.91	-69.51	28.40
24575	-11.16	6.17	-14.33	1523.83	907.73	-1023.45	-32.17	-57.94	24.27
24576	-9.99	6.17	-14.33	1577.75	904.21	-986.38	-45.06	-48.86	20.66
24577	-8.81	6.17	-14.33	1621.96	896.26	-949.50	-55.99	-42.06	17.68
24578	-7.64	6.16	-14.33	1659.43	884.72	-912.89	-65.42	-37.17	15.37
24579	-6.46	6.16	-14.33	1692.55	870.36	-876.57	-73.82	-33.80	13.66
24580	-5.29	6.16	-14.33	1723.21	853.82	-840.49	-81.65	-31.57	12.48
24581	-4.11	6.16	-14.33	1752.85	835.55	-804.61	-89.30	-30.17	11.71
24582	-2.94	6.16	-14.33	1782.55	815.93	-768.89	-97.10	-29.38	11.29
24583	-1.76	6.15	-14.33	1813.15	795.20	-733.28	-105.33	-29.03	11.13
24584	-0.59	6.15	-14.33	1845.32	773.55	-697.76	-114.22	-29.00	11.18
24585	-17.83	7.26	-14.33	854.45	774.10	-1227.96	117.74	-141.42	52.47
24586	-16.68	7.26	-14.33	1009.00	810.22	-1197.56	89.05	-131.38	51.70
24587	-15.53	7.26	-14.33	1147.47	840.43	-1164.71	60.73	-117.51	48.96
24588	-14.38	7.26	-14.33	1266.72	863.84	-1130.52	34.40	-102.22	44.94
24589	-13.23	7.26	-14.33	1366.10	880.58	-1095.28	10.79	-87.32	40.27
24590	-12.08	7.26	-14.33	1447.19	891.03	-1059.35	-9.99	-73.98	35.38
24591	-10.93	7.26	-14.33	1512.84	895.67	-1023.06	-28.15	-62.69	30.61
24592	-9.78	7.26	-14.33	1566.27	894.98	-986.71	-43.91	-53.57	26.33
24593	-8.63	7.26	-14.33	1610.46	889.59	-950.51	-57.53	-46.51	22.73
24594	-7.48	7.26	-14.33	1647.96	880.35	-914.55	-69.41	-41.27	19.89
24595	-6.33	7.26	-14.33	1680.94	868.01	-878.86	-80.08	-37.50	17.74
24596	-5.18	7.25	-14.33	1711.14	853.24	-843.42	-90.03	-34.89	16.19
24597	-4.03	7.25	-14.33	1739.94	836.54	-808.19	-99.71	-33.15	15.15
24598	-2.88	7.25	-14.33	1768.41	818.31	-773.12	-109.48	-32.05	14.50
24599	-1.73	7.25	-14.33	1797.37	798.85	-738.18	-119.65	-31.42	14.18
24600	-0.58	7.25	-14.33	1827.47	778.36	-703.35	-130.49	-31.15	14.11
24601	-23.24	3.96	-11.67	20.41	461.38	-1227.01	68.25	-109.18	8.09
24602	-22.38	3.96	-11.67	71.33	492.57	-1205.24	74.72	-274.58	34.55
24603	-21.53	3.96	-11.67	165.76	506.44	-1233.76	71.16	-410.13	58.65
24604	-20.67	3.96	-11.67	287.20	520.45	-1278.04	61.78	-495.98	77.61
24605	-19.82	3.96	-11.67	424.35	535.25	-1315.22	48.81	-523.01	87.88
24606	-23.02	5.07	-11.67	32.10	465.23	-1227.73	95.69	-110.77	0.22
24607	-22.15	5.07	-11.67	82.99	485.29	-1204.89	96.47	-275.97	38.83
24608	-21.29	5.08	-11.67	177.50	499.33	-1233.38	92.11	-408.84	72.43
24609	-20.42	5.08	-11.67	298.91	513.28	-1277.00	81.20	-492.17	98.17
24610	-19.56	5.08	-11.67	434.99	528.54	-1313.32	65.54	-517.50	112.62
24611	-22.75	6.17	-11.67	43.69	465.13	-1230.70	118.60	-110.55	-4.56
24612	-21.87	6.18	-11.67	97.26	477.74	-1202.96	118.43	-275.70	44.18
24613	-20.99	6.18	-11.67	192.31	489.50	-1231.25	112.46	-406.29	86.34
24614	-20.12	6.18	-11.67	313.31	503.41	-1274.04	99.70	-486.72	118.42
24615	-19.24	6.18	-11.67	448.06	519.21	-1309.24	81.23	-510.00	136.71
24616	-22.42	7.26	-11.67	55.29	462.45	-1231.56	138.42	-110.61	-7.03
24617	-21.53	7.26	-11.67	112.79	467.45	-1199.40	138.93	-275.07	50.92
24618	-20.64	7.26	-11.67	209.26	477.16	-1227.32	131.94	-402.77	100.70
24619	-19.75	7.26	-11.67	329.93	490.88	-1269.03	116.92	-479.82	138.57
24620	-18.86	7.26	-11.67	463.22	507.23	-1302.78	95.49	-500.69	160.31
24621	-23.24	3.96	-13.00	20.23	506.23	-1370.53	75.58	-54.13	6.50
24622	-22.38	3.96	-13.00	74.56	548.05	-1318.45	84.64	-176.39	24.42
24623	-21.53	3.96	-13.00	184.02	575.57	-1307.88	82.61	-280.08	42.44
24624	-20.67	3.96	-13.00	333.82	608.27	-1301.79	73.45	-344.51	56.63
24625	-19.82	3.96	-13.00	508.16	643.52	-1290.66	59.27	-364.59	64.38
24626	-23.02	5.07	-13.00	33.80	512.08	-1369.44	106.19	-56.00	-0.25
24627	-22.15	5.07	-13.00	88.60	540.12	-1318.05	110.09	-176.89	25.85
24628	-21.29	5.08	-13.00	198.31	567.54	-1307.19	108.01	-278.69	51.29
24629	-20.42	5.08	-13.00	348.31	599.79	-1300.70	97.54	-341.30	70.56
24630	-19.56	5.08	-13.00	521.62	635.08	-1289.11	80.47	-360.17	81.35
24631	-22.75	6.17	-13.00	47.59	513.76	-1369.45	132.73	-57.29	-5.94
24632	-21.87	6.18	-13.00	105.68	532.20	-1316.36	136.41	-176.63	28.22
24633	-20.99	6.18	-13.00	216.18	556.60	-1304.68	133.09	-276.77	60.26
24634	-20.12	6.18	-13.00	366.18	588.19	-1297.62	120.82	-337.38	84.28
24635	-19.24	6.18	-13.00	538.27	623.42	-1285.34	100.71	-354.85	97.89
24636	-22.42	7.26	-13.00	61.43	512.73	-1366.83	155.20	-58.60	-9.81
24637	-21.53	7.26	-13.00	124.11	522.05	-1312.62	160.35	-176.38	31.38
24638	-20.64	7.26	-13.00	236.80	543.49	-1299.82	156.30	-274.46	69.20
24639	-19.75	7.26	-13.00	387.15	574.02	-1292.03	141.76	-332.79	97.53
24640	-18.86	7.26	-13.00	557.92	609.17	-1278.81	118.44	-348.73	113.68
24641	-23.24	3.96	-14.33	-16.28	558.62	-1443.01	88.18	-15.57	8.68
24642	-22.38	3.96	-14.33	10.96	603.10	-1394.95	102.56	-72.00	13.36
24643	-21.53	3.96	-14.33	140.68	648.83	-1355.54	103.14	-119.21	21.90
24644	-20.67	3.96	-14.33	343.56	707.21	-1317.56	91.60	-146.35	27.73
24645	-19.82	3.96	-14.33	585.98	769.89	-1276.69	71.40	-154.18	31.10
24646	-23.02	5.07	-14.33	0.93	562.66	-1441.82	125.43	-14.64	3.98
24647	-22.15	5.07	-14.33	28.98	591.87	-1394.07	136.91	-70.45	13.21
24648	-21.29	5.08	-14.33	159.09	637.46	-1354.49	138.61	-116.98	24.92
24649	-20.42	5.08	-14.33	362.16	695.31	-1316.15	125.27	-143.31	32.99
24650	-19.56	5.08	-14.33	602.68	757.98	-1274.97	101.06	-150.56	37.54
24651	-22.75	6.17	-14.33	17.60	562.91	-1440.18	157.39	-15.90	0.01

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
24652	-21.87	6.18	-14.33	50.74	581.36	-1391.63	171.41	-70.54	13.97
24653	-20.99	6.18	-14.33	182.12	623.29	-1351.58	171.93	-116.24	28.48
24654	-20.12	6.18	-14.33	385.20	679.88	-1312.77	156.19	-141.77	38.60
24655	-19.24	6.18	-14.33	623.78	742.25	-1271.09	127.74	-148.48	44.28
24656	-22.42	7.26	-14.33	32.71	559.94	-1436.47	187.62	-18.89	-2.41
24657	-21.53	7.26	-14.33	73.63	569.21	-1387.67	203.64	-72.22	15.51
24658	-20.64	7.26	-14.33	208.80	606.53	-1346.82	203.31	-116.69	32.43
24659	-19.75	7.26	-14.33	412.21	660.93	-1307.53	184.81	-141.37	44.52
24660	-18.86	7.26	-14.33	648.96	722.79	-1265.18	152.01	-147.67	51.32
24661	18.52	8.10	-11.67	1472.30	224.89	-292.58	-426.29	454.42	-4.12
24662	19.42	8.10	-11.67	1495.08	227.80	-250.57	-449.23	591.92	-82.70
24663	20.33	8.10	-11.67	1609.61	261.73	-153.14	-457.63	755.52	-201.68
24664	21.23	8.10	-11.67	1926.68	357.97	41.60	-444.60	1093.57	-334.17
24665	22.14	8.10	-11.67	2544.01	1036.79	1770.71	-377.98	2064.41	-570.48
24666	18.24	8.70	-11.67	1409.94	238.10	-290.34	-453.88	425.04	0.11
24667	19.16	8.70	-11.67	1410.41	239.06	-244.18	-489.84	553.27	-85.24
24668	20.07	8.70	-11.67	1482.07	270.73	-149.35	-527.37	702.60	-222.30
24669	20.99	8.70	-11.67	1713.48	340.80	43.08	-560.83	997.90	-402.48
24670	21.91	8.70	-11.67	2108.16	946.19	1430.02	-835.65	1733.19	-818.10
24671	18.52	8.10	-13.00	1669.96	244.52	-205.22	-530.10	334.40	0.28
24672	19.42	8.10	-13.00	1567.58	225.61	-167.37	-551.83	470.46	-60.46
24673	20.33	8.10	-13.00	1459.44	243.78	-98.59	-543.74	646.45	-156.37
24674	21.23	8.10	-13.00	1258.92	384.67	333.77	-503.25	900.70	-281.50
24675	22.14	8.10	-13.00	355.87	665.93	473.34	-429.38	500.09	-485.41
24676	18.24	8.70	-13.00	1616.20	264.72	-208.79	-561.31	307.69	3.17
24677	19.16	8.70	-13.00	1505.65	246.45	-167.19	-593.91	430.51	-64.08
24678	20.07	8.70	-13.00	1382.62	262.42	-100.66	-600.82	585.69	-175.02
24679	20.99	8.70	-13.00	1173.34	379.96	260.01	-590.58	802.89	-342.46
24680	21.91	8.70	-13.00	386.78	660.45	414.58	-430.06	484.60	-504.47
24681	18.52	8.10	-14.33	1924.34	255.25	-139.82	-661.60	115.96	7.74
24682	19.42	8.10	-14.33	1681.85	191.23	-98.90	-697.28	190.57	-15.38
24683	20.33	8.10	-14.33	1285.10	159.35	-22.05	-687.66	290.55	-52.70
24684	21.23	8.10	-14.33	703.78	227.75	112.91	-595.97	269.81	-127.90
24685	22.14	8.10	-14.33	254.47	519.93	127.49	-365.53	66.59	-191.90
24686	18.24	8.70	-14.33	1875.59	290.29	-149.67	-703.37	104.03	7.49
24687	19.16	8.70	-14.33	1644.90	232.91	-106.52	-749.03	170.39	-18.76
24688	20.07	8.70	-14.33	1271.69	206.83	-36.09	-748.46	258.70	-64.22
24689	20.99	8.70	-14.33	725.96	268.85	87.29	-653.37	250.97	-143.39
24690	21.91	8.70	-14.33	274.72	541.34	113.84	-407.50	75.08	-202.31
24691	17.50	8.10	-11.67	1480.82	233.65	-322.11	-399.30	352.01	37.40
24692	17.23	8.70	-11.67	1428.19	246.11	-323.44	-420.86	329.54	44.16
24693	16.37	8.10	-11.67	1492.81	245.80	-344.07	-375.59	276.07	57.51
24694	16.11	8.70	-11.67	1445.63	257.65	-346.91	-393.97	260.85	65.55
24695	15.24	8.10	-11.67	1502.62	259.89	-364.77	-350.95	208.93	68.37
24696	15.00	8.70	-11.67	1459.07	270.29	-368.88	-367.50	199.22	75.97
24697	14.11	8.10	-11.67	1507.24	275.14	-384.06	-326.91	150.23	72.97
24698	13.89	8.70	-11.67	1466.58	284.33	-389.18	-342.25	143.53	80.59
24699	12.98	8.10	-11.67	1505.97	291.59	-402.31	-303.24	100.93	74.15
24700	12.78	8.70	-11.67	1468.29	299.97	-408.19	-317.14	97.87	82.55
24701	11.85	8.10	-11.67	1499.67	308.24	-420.56	-280.27	60.97	73.07
24702	11.67	8.70	-11.67	1464.66	315.18	-427.29	-293.21	60.13	81.43
24703	10.73	8.10	-11.67	1489.17	324.92	-439.83	-258.43	29.59	70.70
24704	10.56	8.70	-11.67	1456.94	330.69	-447.20	-270.47	30.61	79.25
24705	9.60	8.10	-11.67	1475.43	341.68	-460.75	-237.66	5.81	67.73
24706	9.45	8.70	-11.67	1445.89	346.29	-468.56	-248.95	8.06	76.13
24707	8.47	8.10	-11.67	1459.26	358.33	-483.75	-218.01	-11.78	64.54
24708	8.34	8.70	-11.67	1432.17	361.80	-491.79	-228.67	-8.90	72.77
24709	7.34	8.10	-11.67	1441.31	374.82	-508.98	-199.46	-24.45	61.48
24710	7.22	8.70	-11.67	1416.50	377.25	-517.03	-209.50	-21.32	69.59
24711	6.21	8.10	-11.67	1422.10	391.10	-536.39	-181.94	-33.45	58.69
24712	6.11	8.70	-11.67	1399.38	392.56	-544.29	-191.36	-30.32	66.71
24713	5.08	8.10	-11.67	1401.93	407.09	-565.80	-165.40	-39.89	56.25
24714	5.00	8.70	-11.67	1381.13	407.63	-573.44	-174.21	-36.94	64.20
24715	3.95	8.10	-11.67	1380.96	422.70	-596.97	-149.78	-44.71	54.20
24716	3.89	8.70	-11.67	1361.90	422.39	-604.29	-157.99	-42.07	62.12
24717	2.82	8.10	-11.67	1359.19	437.84	-629.65	-135.03	-48.71	52.57
24718	2.78	8.70	-11.67	1341.72	436.75	-636.60	-142.64	-46.42	60.50
24719	1.69	8.10	-11.67	1336.58	452.44	-663.62	-121.12	-52.48	51.38
24720	1.67	8.70	-11.67	1320.54	450.61	-670.22	-128.11	-50.58	59.39
24721	0.56	8.10	-11.67	1312.95	466.46	-698.74	-108.00	-56.54	50.74
24722	0.56	8.70	-11.67	1298.23	463.94	-704.97	-114.42	-55.06	58.90
24723	17.50	8.10	-13.00	1739.84	271.96	-235.09	-498.12	245.14	30.92
24724	17.23	8.70	-13.00	1688.61	290.09	-241.26	-523.55	226.33	35.93
24725	16.37	8.10	-13.00	1783.43	298.61	-261.40	-466.90	184.04	45.38
24726	16.11	8.70	-13.00	1734.11	315.08	-268.13	-489.00	171.91	51.45
24727	15.24	8.10	-13.00	1812.83	325.05	-288.81	-434.31	133.54	52.96
24728	15.00	8.70	-13.00	1765.30	339.12	-295.84	-454.55	126.10	58.38
24729	14.11	8.10	-13.00	1828.41	351.40	-315.77	-402.24	90.91	55.40
24730	13.89	8.70	-13.00	1782.93	363.51	-322.78	-421.16	85.66	60.62
24731	12.98	8.10	-13.00	1831.73	377.76	-342.35	-370.75	55.89	55.12
24732	12.78	8.70	-13.00	1789.03	388.43	-349.18	-388.04	53.55	60.95
24733	11.85	8.10	-13.00	1825.25	403.03	-369.09	-340.42	28.00	53.15
24734	11.67	8.70	-13.00	1785.28	411.73	-375.99	-356.54	27.36	58.89
24735	10.73	8.10	-13.00	1811.09	427.06	-396.41	-311.92	6.48	50.34
24736	10.56	8.70	-13.00	1774.22	434.17	-403.36	-326.97	7.35	56.35
24737	9.60	8.10	-13.00	1791.27	450.07	-424.53	-285.35	-9.43	47.19
24738	9.45	8.70	-13.00	1757.54	455.74	-431.45	-299.45	-7.53	53.16
24739	8.47	8.10	-13.00	1767.52	472.08	-453.58	-260.80	-20.83	43.97
24740	8.34	8.70	-13.00	1736.79	476.42	-460.38	-274.07	-18.41	49.86
24741	7.34	8.10	-13.00	1741.27	493.27	-483.59	-238.20	-28.64	40.95
24742	7.22	8.70	-13.00	1713.41	496.43	-490.15	-250.65	-26.01	46.79
24743	6.21	8.10	-13.00	1713.64	513.77	-514.54	-217.40	-33.75	38.24
24744	6.11	8.70	-13.00	1688.47	515.85	-520.80	-229.05	-31.12	44.04
24745	5.08	8.10	-13.00	1685.42	533.65	-546.36	-198.27	-36.96	35.88
24746	5.00	8.70	-13.00	1662.74	534.71	-552.26	-209.12	-34.46	41.66
24747	3.95	8.10	-13.00	1657.13	552.91	-578.97	-180.64	-38.95	33.90
24748	3.89	8.70	-13.00	1636.70	553.03	-584.46	-190.71	-36.69	39.69
24749	2.82	8.10	-13.00	1629.04	571.56	-612.24	-164.37	-40.31	32.32
24750	2.78	8.70	-13.00	1610.62	570.77	-617.32	-173.67	-38.33	38.16

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
24751	1.69	8.10	-13.00	1601.24	589.57	-646.09	-149.31	-41.49	31.16
24752	1.67	8.70	-13.00	1584.60	587.91	-650.77	-157.85	-39.83	37.10
24753	0.56	8.10	-13.00	1573.64	606.88	-680.45	-135.33	-42.87	30.49
24754	0.56	8.70	-13.00	1558.57	604.40	-684.71	-143.13	-41.56	36.56
24755	17.50	8.10	-14.33	2064.64	315.62	-177.54	-608.23	72.96	20.24
24756	17.23	8.70	-14.33	2009.97	345.57	-187.92	-643.33	64.18	21.36
24757	16.37	8.10	-14.33	2134.32	358.57	-210.31	-563.37	47.46	27.73
24758	16.11	8.70	-14.33	2078.36	383.82	-220.29	-594.41	41.51	30.37
24759	15.24	8.10	-14.33	2176.79	399.22	-242.88	-517.73	27.59	30.82
24760	15.00	8.70	-14.33	2122.06	419.78	-252.43	-546.26	23.48	33.23
24761	14.11	8.10	-14.33	2196.85	438.16	-275.29	-474.62	11.00	31.21
24762	13.89	8.70	-14.33	2144.97	455.86	-284.24	-502.12	7.28	33.30
24763	12.98	8.10	-14.33	2197.92	476.19	-307.50	-433.45	-2.32	30.36
24764	12.78	8.70	-14.33	2149.49	492.63	-315.77	-459.71	-4.12	32.65
24765	11.85	8.10	-14.33	2184.52	511.40	-339.75	-394.74	-12.66	28.86
24766	11.67	8.70	-14.33	2139.49	526.08	-347.52	-420.38	-13.41	30.71
24767	10.73	8.10	-14.33	2160.32	543.73	-372.17	-359.11	-20.45	27.11
24768	10.56	8.70	-14.33	2119.00	557.21	-379.44	-384.01	-20.09	28.90
24769	9.60	8.10	-14.33	2128.85	573.57	-404.79	-326.51	-25.98	25.36
24770	9.45	8.70	-14.33	2091.50	585.97	-411.56	-350.65	-24.80	26.91
24771	8.47	8.10	-14.33	2092.95	601.27	-437.61	-297.11	-29.75	23.64
24772	8.34	8.70	-14.33	2059.49	612.67	-443.89	-320.59	-28.09	24.95
24773	7.34	8.10	-14.33	2054.76	627.42	-470.64	-270.71	-32.14	22.05
24774	7.22	8.70	-14.33	2025.03	638.04	-476.40	-293.48	-30.17	23.16
24775	6.21	8.10	-14.33	2015.98	652.41	-503.87	-247.01	-33.49	20.65
24776	6.11	8.70	-14.33	1989.75	662.32	-509.10	-269.03	-31.33	21.57
24777	5.08	8.10	-14.33	1977.82	676.47	-537.30	-225.71	-34.11	19.42
24778	5.00	8.70	-14.33	1954.80	685.70	-541.98	-246.97	-31.87	20.18
24779	3.95	8.10	-14.33	1941.05	699.76	-570.89	-206.55	-34.28	18.38
24780	3.89	8.70	-14.33	1920.90	708.34	-575.04	-227.04	-32.02	19.00
24781	2.82	8.10	-14.33	1906.08	722.36	-604.64	-189.27	-34.23	17.52
24782	2.78	8.70	-14.33	1888.44	730.29	-608.24	-208.96	-32.00	18.04
24783	1.69	8.10	-14.33	1873.03	744.29	-638.51	-173.60	-34.13	16.87
24784	1.67	8.70	-14.33	1857.54	751.55	-641.59	-192.48	-31.98	17.31
24785	0.56	8.10	-14.33	1841.80	765.49	-672.50	-159.30	-34.16	16.44
24786	0.56	8.70	-14.33	1828.12	772.06	-675.06	-177.32	-32.11	16.83
24787	-17.50	8.10	-11.67	587.52	510.84	-1309.53	83.13	-471.88	184.12
24788	-16.37	8.10	-11.67	672.50	522.41	-1304.49	64.62	-434.56	179.23
24789	-15.24	8.10	-11.67	749.93	532.48	-1286.37	47.22	-387.35	168.09
24790	-14.11	8.10	-11.67	818.95	540.42	-1256.38	31.71	-336.17	153.24
24791	-12.98	8.10	-11.67	879.90	545.80	-1216.94	18.31	-286.42	137.13
24792	-11.85	8.10	-11.67	933.80	548.59	-1171.24	6.81	-241.56	121.08
24793	-10.73	8.10	-11.67	982.13	549.15	-1122.33	-3.51	-202.92	105.99
24794	-9.60	8.10	-11.67	1026.22	547.60	-1072.70	-13.13	-170.69	92.58
24795	-8.47	8.10	-11.67	1066.91	544.19	-1024.06	-22.45	-144.41	81.28
24796	-7.34	8.10	-11.67	1104.82	539.09	-977.28	-31.80	-123.31	72.15
24797	-6.21	8.10	-11.67	1140.32	532.42	-932.69	-41.35	-106.50	65.07
24798	-5.08	8.10	-11.67	1173.61	524.34	-890.18	-51.23	-93.13	59.76
24799	-3.95	8.10	-11.67	1204.88	514.96	-849.47	-61.53	-82.46	55.94
24800	-2.82	8.10	-11.67	1234.27	504.39	-810.21	-72.34	-73.87	53.33
24801	-1.69	8.10	-11.67	1261.94	492.67	-772.08	-83.70	-66.94	51.67
24802	-0.56	8.10	-11.67	1288.12	479.92	-734.92	-95.60	-61.27	50.81
24803	-17.23	8.70	-11.67	595.63	502.40	-1302.96	88.22	-464.51	197.67
24804	-16.11	8.70	-11.67	677.27	514.15	-1297.79	69.10	-428.86	193.20
24805	-15.00	8.70	-11.67	751.85	524.57	-1280.48	50.72	-383.72	181.71
24806	-13.89	8.70	-11.67	819.37	532.86	-1251.91	34.26	-333.85	166.60
24807	-12.78	8.70	-11.67	878.60	538.49	-1214.31	20.22	-285.96	150.73
24808	-11.67	8.70	-11.67	930.89	541.59	-1170.46	7.96	-242.46	134.42
24809	-10.56	8.70	-11.67	978.08	542.49	-1123.09	-3.22	-204.64	118.96
24810	-9.45	8.70	-11.67	1021.05	541.17	-1074.69	-13.54	-172.69	105.06
24811	-8.34	8.70	-11.67	1060.71	538.08	-1026.90	-23.57	-146.29	93.25
24812	-7.22	8.70	-11.67	1097.63	533.29	-980.71	-33.59	-124.84	83.66
24813	-6.11	8.70	-11.67	1132.13	526.98	-936.49	-43.79	-107.59	76.12
24814	-5.00	8.70	-11.67	1164.43	519.30	-894.26	-54.31	-93.74	70.40
24815	-3.89	8.70	-11.67	1194.67	510.38	-853.82	-65.26	-82.59	66.17
24816	-2.78	8.70	-11.67	1222.99	500.31	-814.87	-76.73	-73.58	63.14
24817	-1.67	8.70	-11.67	1249.52	489.14	-777.18	-88.80	-66.29	60.97
24818	-0.56	8.70	-11.67	1274.52	476.87	-740.63	-101.44	-60.32	59.45
24819	-17.50	8.10	-13.00	718.72	624.51	-1253.34	104.63	-328.90	130.08
24820	-16.37	8.10	-13.00	830.87	647.51	-1232.05	81.73	-302.60	126.83
24821	-15.24	8.10	-13.00	932.55	667.06	-1205.83	59.46	-269.98	119.58
24822	-14.11	8.10	-13.00	1022.83	682.80	-1174.18	38.57	-234.08	109.53
24823	-12.98	8.10	-13.00	1101.40	694.38	-1138.17	19.57	-198.81	98.20
24824	-11.85	8.10	-13.00	1168.90	701.91	-1099.09	2.55	-166.71	86.30
24825	-10.73	8.10	-13.00	1226.99	705.78	-1058.29	-12.97	-138.80	74.58
24826	-9.60	8.10	-13.00	1277.49	706.07	-1017.05	-27.16	-115.47	63.91
24827	-8.47	8.10	-13.00	1321.82	703.13	-976.24	-40.20	-96.62	54.79
24828	-7.34	8.10	-13.00	1361.31	697.39	-936.30	-52.37	-81.82	47.40
24829	-6.21	8.10	-13.00	1397.04	689.22	-897.40	-63.96	-70.45	41.65
24830	-5.08	8.10	-13.00	1429.91	679.03	-859.49	-75.26	-61.86	37.36
24831	-3.95	8.10	-13.00	1460.68	667.12	-822.46	-86.52	-55.44	34.30
24832	-2.82	8.10	-13.00	1489.97	653.75	-786.15	-97.98	-50.70	32.25
24833	-1.69	8.10	-13.00	1518.29	639.13	-750.44	-109.84	-47.24	31.01
24834	-0.56	8.10	-13.00	1546.08	623.45	-715.23	-122.24	-44.73	30.42
24835	-17.23	8.70	-13.00	729.35	612.98	-1246.94	111.34	-323.86	140.03
24836	-16.11	8.70	-13.00	837.19	636.09	-1225.77	87.63	-298.91	136.92
24837	-15.00	8.70	-13.00	934.85	655.99	-1200.33	64.06	-267.83	129.23
24838	-13.89	8.70	-13.00	1022.80	672.15	-1169.77	41.95	-232.79	119.05
24839	-12.78	8.70	-13.00	1098.73	684.02	-1135.09	22.27	-199.05	108.09
24840	-11.67	8.70	-13.00	1163.99	692.04	-1097.16	4.30	-167.99	95.98
24841	-10.56	8.70	-13.00	1220.86	696.48	-1057.29	-12.37	-140.66	83.96
24842	-9.45	8.70	-13.00	1270.35	697.22	-1016.90	-27.49	-117.48	72.86
24843	-8.34	8.70	-13.00	1313.95	694.88	-976.80	-41.49	-98.46	63.32
24844	-7.22	8.70	-13.00	1352.79	689.74	-937.47	-54.57	-83.33	55.50
24845	-6.11	8.70	-13.00	1387.86	682.22	-899.09	-67.02	-71.56	49.35
24846	-5.00	8.70	-13.00	1420.03	672.68	-861.63	-79.14	-62.53	44.68
24847	-3.89	8.70	-13.00	1450.01	661.47	-825.01	-91.22	-55.67	41.28
24848	-2.78	8.70	-13.00	1478.39	648.83	-789.10	-103.47	-50.52	38.93
24849	-1.67	8.70	-13.00	1505.68	635.00	-753.82	-116.11	-46.69	37.44

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
24850	-0.56	8.70	-13.00	1532.30	620.14	-719.06	-129.28	-43.82	36.66
24851	-17.50	8.10	-14.33	872.83	760.98	-1220.87	129.34	-142.40	57.87
24852	-16.37	8.10	-14.33	1019.55	796.49	-1191.31	99.09	-133.48	57.56
24853	-15.24	8.10	-14.33	1151.40	826.57	-1159.35	69.10	-120.77	55.04
24854	-14.11	8.10	-14.33	1265.30	850.50	-1126.11	41.26	-106.40	51.13
24855	-12.98	8.10	-14.33	1360.53	868.74	-1091.76	15.87	-92.32	46.43
24856	-11.85	8.10	-14.33	1438.86	881.41	-1056.59	-7.05	-79.53	41.16
24857	-10.73	8.10	-14.33	1503.15	888.62	-1020.95	-27.68	-68.41	35.77
24858	-9.60	8.10	-14.33	1556.21	890.33	-985.20	-45.87	-59.17	30.86
24859	-8.47	8.10	-14.33	1600.39	887.10	-949.59	-61.67	-51.84	26.72
24860	-7.34	8.10	-14.33	1637.92	879.79	-914.22	-75.53	-46.25	23.41
24861	-6.21	8.10	-14.33	1670.76	869.19	-879.11	-88.01	-42.13	20.88
24862	-5.08	8.10	-14.33	1700.57	855.97	-844.25	-99.65	-39.17	19.02
24863	-3.95	8.10	-14.33	1728.69	840.64	-809.60	-110.92	-37.11	17.72
24864	-2.82	8.10	-14.33	1756.14	823.65	-775.13	-122.21	-35.74	16.89
24865	-1.69	8.10	-14.33	1783.76	805.30	-740.80	-133.85	-34.87	16.44
24866	-0.56	8.10	-14.33	1812.16	785.86	-706.60	-146.12	-34.38	16.29
24867	-17.23	8.70	-14.33	887.64	750.42	-1214.40	131.30	-140.20	61.12
24868	-16.11	8.70	-14.33	1028.48	785.35	-1185.49	100.19	-132.67	61.32
24869	-15.00	8.70	-14.33	1154.80	815.16	-1154.31	69.48	-121.33	58.82
24870	-13.89	8.70	-14.33	1264.28	839.38	-1121.88	40.97	-107.33	55.01
24871	-12.78	8.70	-14.33	1355.49	858.97	-1088.29	14.44	-93.84	50.45
24872	-11.67	8.70	-14.33	1431.39	873.60	-1053.70	-10.32	-81.07	44.62
24873	-10.56	8.70	-14.33	1494.87	882.95	-1018.51	-33.11	-69.71	38.65
24874	-9.45	8.70	-14.33	1547.75	886.41	-983.24	-53.14	-60.06	33.18
24875	-8.34	8.70	-14.33	1591.97	884.80	-948.12	-70.54	-52.28	28.61
24876	-7.22	8.70	-14.33	1629.51	879.00	-913.25	-85.84	-46.27	24.95
24877	-6.11	8.70	-14.33	1662.24	869.79	-878.64	-99.65	-41.75	22.11
24878	-5.00	8.70	-14.33	1691.78	857.83	-844.27	-112.52	-38.41	20.00
24879	-3.89	8.70	-14.33	1719.40	843.64	-810.11	-124.93	-36.02	18.50
24880	-2.78	8.70	-14.33	1746.13	827.66	-776.14	-137.30	-34.35	17.51
24881	-1.67	8.70	-14.33	1772.77	810.25	-742.33	-149.96	-33.24	16.95
24882	-0.56	8.70	-14.33	1799.91	791.66	-708.65	-163.21	-32.55	16.71
24883	-22.14	8.10	-11.67	64.22	457.19	-1230.75	150.89	-110.72	-7.47
24884	-21.23	8.10	-11.67	125.57	457.29	-1195.78	154.14	-274.10	56.39
24885	-20.33	8.10	-11.67	223.17	466.03	-1223.26	146.46	-399.28	111.94
24886	-19.42	8.10	-11.67	343.97	479.58	-1263.93	129.47	-473.50	154.15
24887	-18.52	8.10	-11.67	476.24	496.29	-1296.36	105.70	-492.27	178.62
24888	-21.91	8.70	-11.67	72.45	449.52	-1229.12	158.40	-110.25	-8.30
24889	-20.99	8.70	-11.67	134.62	448.99	-1192.77	165.01	-272.89	60.83
24890	-20.07	8.70	-11.67	233.53	457.38	-1219.53	156.07	-396.03	120.12
24891	-19.16	8.70	-11.67	354.74	470.68	-1259.41	137.69	-468.21	165.48
24892	-18.24	8.70	-11.67	486.37	487.66	-1290.73	112.09	-485.31	191.59
24893	-22.14	8.10	-13.00	72.15	507.33	-1363.36	168.82	-58.67	-11.62
24894	-21.23	8.10	-13.00	139.09	511.05	-1308.24	177.36	-175.47	34.01
24895	-20.33	8.10	-13.00	253.84	530.58	-1294.46	172.85	-271.77	76.12
24896	-19.42	8.10	-13.00	404.90	560.08	-1286.02	156.42	-328.30	107.80
24897	-18.52	8.10	-13.00	574.77	595.04	-1271.86	130.49	-342.92	125.99
24898	-21.91	8.70	-13.00	81.06	497.86	-1361.45	178.40	-58.05	-11.73
24899	-20.99	8.70	-13.00	149.80	501.29	-1304.67	189.91	-174.26	37.24
24900	-20.07	8.70	-13.00	266.54	519.64	-1290.26	184.50	-269.24	82.28
24901	-19.16	8.70	-13.00	418.43	548.57	-1281.19	166.62	-324.49	116.36
24902	-18.24	8.70	-13.00	587.87	583.61	-1266.09	138.59	-338.09	135.67
24903	-22.14	8.10	-14.33	43.38	557.50	-1432.30	204.42	-22.22	-3.63
24904	-21.23	8.10	-14.33	93.71	562.17	-1382.69	223.45	-74.05	15.71
24905	-20.33	8.10	-14.33	231.96	595.20	-1341.19	223.72	-117.72	34.70
24906	-19.42	8.10	-14.33	436.13	648.28	-1301.33	202.98	-141.80	48.34
24907	-18.52	8.10	-14.33	671.97	709.88	-1258.20	166.60	-147.93	56.23
24908	-21.91	8.70	-14.33	56.62	555.92	-1428.37	206.78	-19.81	-5.05
24909	-20.99	8.70	-14.33	109.21	555.43	-1378.01	233.18	-72.15	15.09
24910	-20.07	8.70	-14.33	249.79	586.11	-1335.96	233.21	-115.56	35.87
24911	-19.16	8.70	-14.33	454.78	637.89	-1295.66	210.85	-139.44	50.62
24912	-18.24	8.70	-14.33	689.86	699.35	-1251.91	171.34	-145.47	59.18
24913	11.69	9.49	-11.67	1419.29	319.22	-431.01	-312.99	67.05	92.23
24914	12.72	9.44	-11.67	1421.47	305.94	-411.71	-335.53	101.51	92.31
24915	13.76	9.39	-11.67	1419.31	292.70	-392.53	-359.06	141.62	89.61
24916	11.91	10.47	-11.67	1356.18	321.89	-431.44	-339.69	83.08	108.66
24917	12.81	10.33	-11.67	1359.47	311.45	-412.62	-358.72	112.45	106.54
24918	13.70	10.18	-11.67	1360.75	301.31	-394.18	-378.04	144.76	102.40
24919	12.11	11.46	-11.67	1286.35	323.98	-430.35	-362.71	98.40	125.95
24920	12.88	11.21	-11.67	1293.21	315.84	-412.72	-377.88	121.65	120.21
24921	13.63	10.96	-11.67	1300.09	308.85	-395.62	-392.20	149.85	115.45
24922	0.57	9.89	-11.67	1264.72	456.47	-718.75	-125.53	-52.71	79.21
24923	1.70	9.88	-11.67	1285.87	444.06	-682.69	-141.06	-47.09	78.94
24924	2.84	9.86	-11.67	1305.82	431.11	-647.87	-157.29	-41.98	79.39
24925	3.96	9.83	-11.67	1324.69	417.76	-614.53	-174.19	-36.74	80.43
24926	5.08	9.80	-11.67	1342.58	404.11	-582.82	-191.79	-30.78	82.00
24927	6.20	9.76	-11.67	1359.48	390.22	-552.86	-210.10	-23.37	84.01
24928	7.31	9.71	-11.67	1375.29	376.18	-524.79	-229.14	-13.67	86.36
24929	8.42	9.66	-11.67	1389.75	362.01	-498.63	-248.95	-0.72	88.93
24930	9.52	9.60	-11.67	1402.42	347.77	-474.31	-269.55	16.50	91.51
24931	10.62	9.54	-11.67	1412.70	333.57	-451.66	-290.96	39.02	93.99
24932	0.60	11.68	-11.67	1208.98	439.81	-742.09	-138.67	-48.62	112.97
24933	1.80	11.64	-11.67	1228.61	428.71	-702.99	-157.27	-40.78	111.47
24934	2.99	11.58	-11.67	1246.91	417.36	-665.36	-176.27	-33.70	110.70
24935	4.16	11.50	-11.67	1264.14	405.81	-629.49	-195.68	-26.64	110.57
24936	5.32	11.40	-11.67	1280.46	394.15	-595.47	-215.49	-18.96	110.96
24937	6.47	11.28	-11.67	1295.98	382.38	-563.34	-235.68	-9.94	111.71
24938	7.60	11.15	-11.67	1310.71	370.51	-533.13	-256.22	1.23	112.62
24939	8.72	10.99	-11.67	1324.54	358.51	-504.77	-277.07	15.44	113.42
24940	9.83	10.82	-11.67	1337.23	346.35	-478.12	-298.16	33.63	113.83
24941	10.92	10.63	-11.67	1348.46	333.99	-453.08	-319.40	56.76	113.40
24942	0.63	13.48	-11.67	1144.52	414.54	-767.39	-147.14	-46.26	156.36
24943	1.88	13.42	-11.67	1161.99	405.40	-725.46	-168.48	-35.57	152.77
24944	3.11	13.32	-11.67	1178.11	396.36	-685.05	-190.06	-25.87	149.94
24945	4.33	13.19	-11.67	1193.28	387.41	-646.42	-211.86	-16.44	147.76
24946	5.53	13.03	-11.67	1207.74	378.57	-609.63	-233.84	-6.64	146.04
24947	6.70	12.83	-11.67	1221.73	369.81	-574.72	-255.96	4.23	144.53
24948	7.86	12.61	-11.67	1235.41	361.04	-541.68	-278.15	16.92	142.94

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
24949	8.99	12.35	-11.67	1248.84	352.14	-510.44	-300.33	32.25	140.93
24950	10.11	12.06	-11.67	1262.00	342.97	-480.86	-322.34	51.06	138.06
24951	11.19	11.74	-11.67	1274.91	333.33	-453.00	-343.99	74.40	133.96
24952	0.65	15.28	-11.67	1072.82	377.67	-788.60	-150.93	-46.77	208.84
24953	1.95	15.20	-11.67	1087.57	371.24	-744.66	-174.76	-32.64	202.60
24954	3.22	15.07	-11.67	1101.12	365.28	-701.90	-198.70	-19.79	196.90
24955	4.47	14.90	-11.67	1113.91	359.79	-660.65	-222.68	-7.53	191.63
24956	5.71	14.67	-11.67	1126.31	354.74	-621.05	-246.67	4.71	186.61
24957	6.91	14.40	-11.67	1138.64	350.02	-583.21	-270.60	17.59	181.59
24958	8.09	14.08	-11.67	1151.25	345.47	-547.18	-294.42	31.80	176.26
24959	9.24	13.72	-11.67	1164.41	340.86	-512.98	-318.00	48.08	170.23
24960	10.36	13.31	-11.67	1178.39	335.89	-480.57	-341.12	67.21	163.02
24961	11.45	12.86	-11.67	1193.46	330.23	-450.14	-363.49	90.18	153.98
24962	0.67	17.07	-11.67	995.36	325.95	-797.19	-149.70	-50.79	263.51
24963	1.99	16.99	-11.67	1007.16	322.87	-752.55	-175.89	-33.23	254.72
24964	3.30	16.84	-11.67	1017.99	320.87	-708.60	-202.03	-17.12	245.89
24965	4.59	16.62	-11.67	1028.33	319.87	-665.72	-228.03	-1.92	237.04
24966	5.85	16.34	-11.67	1038.62	319.77	-624.19	-253.85	12.88	228.06
24967	7.09	15.99	-11.67	1049.31	320.38	-584.21	-279.43	27.85	218.82
24968	8.29	15.58	-11.67	1060.90	321.44	-545.98	-304.73	43.62	209.06
24969	9.46	15.11	-11.67	1073.91	322.56	-509.67	-329.63	60.83	198.44
24970	10.60	14.58	-11.67	1088.97	323.24	-475.37	-353.93	80.18	186.47
24971	11.69	14.00	-11.67	1106.78	322.86	-443.36	-377.20	102.68	172.61
24972	0.68	18.88	-11.67	913.86	258.68	-785.46	-142.91	-58.72	306.19
24973	2.02	18.79	-11.67	922.83	259.34	-741.76	-171.28	-38.76	295.96
24974	3.36	18.61	-11.67	931.12	261.97	-698.42	-199.47	-20.05	285.01
24975	4.68	18.35	-11.67	939.21	266.40	-655.79	-227.37	-2.29	273.49
24976	5.97	18.01	-11.67	947.60	272.39	-614.19	-254.90	14.93	261.42
24977	7.23	17.59	-11.67	956.85	279.62	-573.92	-282.01	32.04	248.76
24978	8.47	17.09	-11.67	967.60	287.68	-535.28	-308.67	49.57	235.36
24979	9.66	16.51	-11.67	980.59	296.03	-498.55	-334.82	68.04	220.97
24980	10.81	15.87	-11.67	996.76	303.96	-463.98	-360.35	88.06	205.21
24981	11.91	15.15	-11.67	1017.42	310.47	-431.88	-385.01	110.17	187.27
24982	16.80	9.56	-11.67	1355.45	262.65	-326.77	-441.87	303.42	54.99
24983	16.19	10.65	-11.67	1265.31	285.20	-333.37	-454.85	265.48	76.17
24984	15.52	11.69	-11.67	1186.58	302.49	-343.47	-454.39	231.50	100.49
24985	15.79	9.48	-11.67	1384.11	270.50	-350.89	-412.95	246.44	73.74
24986	15.37	10.42	-11.67	1308.82	287.54	-356.10	-427.66	225.51	89.61
24987	14.91	11.34	-11.67	1238.00	301.43	-362.99	-433.14	204.97	105.87
24988	14.78	9.40	-11.67	1406.49	280.42	-372.69	-384.73	193.90	83.16
24989	14.55	10.21	-11.67	1344.43	292.92	-375.86	-400.67	187.14	96.99
24990	14.30	11.00	-11.67	1282.82	303.15	-379.62	-411.55	175.06	110.42
24991	12.93	14.37	-11.67	1043.65	315.51	-403.51	-407.18	135.74	171.48
24992	12.65	13.39	-11.67	1127.99	321.72	-416.47	-397.05	126.82	160.78
24993	12.36	12.43	-11.67	1208.67	324.79	-425.74	-381.62	114.03	146.31
24994	13.86	13.54	-11.67	1078.95	316.50	-379.32	-427.26	163.60	149.93
24995	13.48	12.78	-11.67	1154.64	317.70	-394.80	-413.37	151.07	144.41
24996	13.10	12.03	-11.67	1224.90	318.72	-407.03	-395.57	135.73	136.13
24997	14.74	12.66	-11.67	1124.63	313.03	-358.70	-444.48	194.53	126.73
24998	14.28	12.13	-11.67	1186.67	311.69	-375.66	-427.91	177.29	126.63
24999	13.81	11.61	-11.67	1243.43	309.88	-390.04	-408.68	159.84	121.59
25000	11.69	9.49	-13.00	1733.72	416.33	-378.56	-382.87	32.04	66.31
25001	12.72	9.44	-13.00	1735.68	395.62	-352.87	-412.50	55.97	67.63
25002	13.76	9.39	-13.00	1729.39	374.13	-327.87	-443.17	83.94	66.96
25003	11.91	10.47	-13.00	1661.44	417.59	-377.07	-418.42	43.72	78.21
25004	12.81	10.33	-13.00	1664.22	401.17	-353.66	-443.49	64.25	77.92
25005	13.70	10.18	-13.00	1662.35	384.39	-331.42	-468.34	86.51	76.36
25006	12.11	11.46	-13.00	1580.66	417.25	-375.39	-449.44	55.07	90.75
25007	12.88	11.21	-13.00	1587.47	404.88	-354.48	-469.21	71.44	87.32
25008	13.63	10.96	-13.00	1591.92	393.20	-335.21	-487.77	91.92	85.28
25009	0.57	9.89	-13.00	1524.34	599.32	-694.51	-158.69	-38.95	50.87
25010	1.70	9.88	-13.00	1548.96	583.66	-659.48	-175.59	-36.49	50.86
25011	2.84	9.86	-13.00	1573.42	567.33	-625.01	-193.47	-34.33	51.49
25012	3.96	9.83	-13.00	1597.78	550.42	-591.26	-212.41	-32.12	52.68
25013	5.08	9.80	-13.00	1621.97	532.97	-558.28	-232.54	-29.37	54.37
25014	6.20	9.76	-13.00	1645.77	515.00	-526.13	-253.96	-25.55	56.50
25015	7.31	9.71	-13.00	1668.74	496.51	-494.83	-276.78	-20.07	58.98
25016	8.42	9.66	-13.00	1690.24	477.43	-464.39	-301.10	-12.25	61.71
25017	9.52	9.60	-13.00	1709.30	457.73	-434.76	-326.95	-1.39	64.53
25018	10.62	9.54	-13.00	1724.63	437.38	-405.83	-354.31	13.22	67.43
25019	0.60	11.68	-13.00	1465.92	579.00	-710.30	-175.67	-34.44	73.79
25020	1.80	11.64	-13.00	1488.70	565.07	-672.79	-196.35	-30.42	72.91
25021	2.99	11.58	-13.00	1511.12	550.58	-635.98	-217.77	-26.84	72.77
25022	4.16	11.50	-13.00	1533.32	535.63	-600.10	-239.98	-23.34	73.27
25023	5.32	11.40	-13.00	1555.32	520.25	-565.20	-263.09	-19.42	74.29
25024	6.47	11.28	-13.00	1577.01	504.45	-531.26	-287.14	-14.54	75.70
25025	7.60	11.15	-13.00	1598.13	488.20	-498.28	-312.15	-8.13	77.34
25026	8.72	10.99	-13.00	1618.23	471.40	-466.21	-338.11	0.39	79.01
25027	9.83	10.82	-13.00	1636.62	453.94	-434.92	-364.89	11.60	80.51
25028	10.92	10.63	-13.00	1652.34	435.72	-404.24	-392.21	26.21	81.49
25029	0.63	13.48	-13.00	1396.65	543.87	-726.34	-186.92	-32.40	104.75
25030	1.88	13.42	-13.00	1416.93	532.64	-686.64	-211.40	-26.24	102.37
25031	3.11	13.32	-13.00	1436.69	521.09	-647.69	-236.35	-20.70	100.74
25032	4.33	13.19	-13.00	1456.18	509.31	-609.75	-261.83	-15.43	99.75
25033	5.53	13.03	-13.00	1475.56	497.33	-572.84	-287.90	-9.94	99.23
25034	6.70	12.83	-13.00	1494.88	485.13	-536.96	-314.59	-3.70	99.00
25035	7.86	12.61	-13.00	1514.10	472.63	-502.10	-341.88	3.79	98.86
25036	8.99	12.35	-13.00	1533.03	459.66	-468.20	-369.67	13.05	98.54
25037	10.11	12.06	-13.00	1551.31	446.04	-435.09	-397.74	24.57	97.77
25038	11.19	11.74	-13.00	1568.32	431.49	-402.54	-425.59	39.12	96.32
25039	0.65	15.28	-13.00	1316.93	489.98	-740.59	-192.73	-32.90	142.51
25040	1.95	15.20	-13.00	1334.32	482.52	-699.23	-220.96	-24.16	138.24
25041	3.22	15.07	-13.00	1351.09	475.20	-658.49	-249.39	-16.27	134.53
25042	4.47	14.90	-13.00	1367.61	468.09	-618.64	-278.03	-8.90	131.27
25043	5.71	14.67	-13.00	1384.19	461.17	-579.75	-306.93	-1.59	128.31
25044	6.91	14.40	-13.00	1401.08	454.38	-541.88	-336.12	6.12	125.50
25045	8.09	14.08	-13.00	1418.46	447.55	-505.07	-365.55	14.73	122.59
25046	9.24	13.72	-13.00	1436.41	440.43	-469.31	-395.09	24.70	119.34
25047	10.36	13.31	-13.00	1454.96	432.67	-434.51	-424.47	36.52	115.46

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
25048	11.45	12.86	-13.00	1473.87	423.78	-400.45	-453.10	50.85	110.47
25049	0.67	17.07	-13.00	1227.57	415.09	-749.49	-192.05	-36.01	181.52
25050	1.99	16.99	-13.00	1242.10	412.24	-707.27	-223.96	-24.70	175.49
25051	3.30	16.84	-13.00	1256.00	410.36	-665.41	-255.75	-14.39	169.56
25052	4.59	16.62	-13.00	1269.73	409.44	-624.18	-287.43	-4.82	163.70
25053	5.85	16.34	-13.00	1283.74	409.37	-583.74	-319.02	4.39	157.87
25054	7.09	15.99	-13.00	1298.45	409.97	-544.22	-350.53	13.66	151.96
25055	8.29	15.58	-13.00	1314.28	410.93	-505.74	-381.92	23.43	145.79
25056	9.46	15.11	-13.00	1331.61	411.79	-468.43	-413.08	34.16	139.16
25057	10.60	14.58	-13.00	1350.87	411.95	-432.33	-443.72	46.32	131.73
25058	11.69	14.00	-13.00	1372.48	410.61	-397.36	-473.22	60.60	123.18
25059	0.68	18.88	-13.00	1130.39	321.84	-749.66	-184.09	-42.00	211.43
25060	2.02	18.79	-13.00	1142.41	323.89	-707.48	-219.30	-28.82	204.44
25061	3.36	18.61	-13.00	1153.94	328.13	-665.41	-254.23	-16.57	197.05
25062	4.68	18.35	-13.00	1165.46	334.43	-623.71	-288.77	-5.06	189.33
25063	5.97	18.01	-13.00	1177.48	342.52	-582.58	-322.90	5.98	181.31
25064	7.23	17.59	-13.00	1190.57	352.04	-542.24	-356.63	16.90	172.96
25065	8.47	17.09	-13.00	1205.33	362.44	-502.92	-389.93	28.07	164.20
25066	9.66	16.51	-13.00	1222.47	373.02	-464.82	-422.72	39.88	154.87
25067	10.81	15.87	-13.00	1242.82	382.86	-428.15	-454.82	52.75	144.70
25068	11.91	15.15	-13.00	1267.52	390.68	-393.01	-485.81	67.04	133.08
25069	16.80	9.56	-13.00	1616.48	315.86	-252.14	-549.84	206.28	43.00
25070	16.19	10.65	-13.00	1526.26	347.85	-267.76	-567.37	177.20	57.64
25071	15.52	11.69	-13.00	1446.20	372.69	-285.33	-568.79	152.55	74.79
25072	15.79	9.48	-13.00	1668.66	334.08	-277.66	-512.94	161.52	56.49
25073	15.37	10.42	-13.00	1588.12	357.51	-289.44	-532.42	146.09	67.34
25074	14.91	11.34	-13.00	1511.81	376.40	-302.13	-540.60	131.61	78.02
25075	14.78	9.40	-13.00	1706.82	352.93	-303.29	-476.67	122.74	62.88
25076	14.55	10.21	-13.00	1637.23	369.23	-310.59	-497.75	118.08	72.95
25077	14.30	11.00	-13.00	1569.49	382.58	-318.09	-512.76	108.98	81.89
25078	12.93	14.37	-13.00	1297.15	395.90	-360.75	-513.45	84.47	124.17
25079	12.65	13.39	-13.00	1396.01	407.67	-366.83	-498.03	76.84	116.86
25080	12.36	12.43	-13.00	1490.28	414.67	-372.28	-475.97	66.98	106.69
25081	13.86	13.54	-13.00	1335.61	395.54	-332.02	-537.88	103.80	109.67
25082	13.48	12.78	-13.00	1425.08	400.98	-341.56	-518.00	93.63	105.62
25083	13.10	12.03	-13.00	1507.91	405.21	-350.58	-493.41	82.31	99.84
25084	14.74	12.66	-13.00	1383.08	388.64	-306.49	-558.18	125.30	93.65
25085	14.28	12.13	-13.00	1457.92	391.18	-319.10	-535.40	111.49	93.09
25086	13.81	11.61	-13.00	1526.25	391.74	-331.54	-509.20	99.29	88.79
25087	11.69	9.49	-14.33	2083.55	532.48	-350.15	-454.25	-9.12	32.06
25088	12.72	9.44	-14.33	2090.10	502.32	-320.35	-490.87	-1.63	34.25
25089	13.76	9.39	-14.33	2083.93	470.13	-290.72	-530.17	7.17	35.51
25090	11.91	10.47	-14.33	2006.49	531.58	-348.18	-497.91	-3.23	36.44
25091	12.81	10.33	-14.33	2011.28	506.27	-321.94	-528.53	1.68	38.73
25092	13.70	10.18	-14.33	2006.56	480.15	-295.89	-560.39	7.60	40.54
25093	12.11	11.46	-14.33	1917.97	529.47	-346.18	-539.93	0.85	42.11
25094	12.88	11.21	-14.33	1925.52	509.64	-323.47	-564.03	2.80	42.96
25095	13.63	10.96	-14.33	1927.63	489.55	-301.02	-586.46	9.09	45.67
25096	0.57	9.89	-14.33	1792.31	760.54	-682.99	-194.50	-24.93	20.91
25097	1.70	9.88	-14.33	1820.35	741.56	-648.51	-212.26	-24.59	21.11
25098	2.84	9.86	-14.33	1849.52	721.81	-614.27	-231.23	-24.49	21.67
25099	3.96	9.83	-14.33	1879.98	701.39	-580.27	-251.70	-24.47	22.54
25100	5.08	9.80	-14.33	1911.67	680.32	-546.51	-273.92	-24.34	23.69
25101	6.20	9.76	-14.33	1944.25	658.54	-513.01	-298.13	-23.89	25.10
25102	7.31	9.71	-14.33	1977.07	635.93	-479.78	-324.54	-22.89	26.74
25103	8.42	9.66	-14.33	2009.11	612.30	-446.80	-353.33	-21.12	28.58
25104	9.52	9.60	-14.33	2038.98	587.39	-414.07	-384.62	-18.36	30.57
25105	10.62	9.54	-14.33	2064.76	560.91	-381.52	-418.60	-14.40	33.01
25106	0.60	11.68	-14.33	1732.93	739.96	-693.03	-212.75	-19.57	29.02
25107	1.80	11.64	-14.33	1758.95	722.58	-656.44	-234.82	-18.56	28.78
25108	2.99	11.58	-14.33	1785.68	704.43	-620.28	-257.89	-17.92	28.99
25109	4.16	11.50	-14.33	1813.44	685.62	-584.53	-282.25	-17.44	29.56
25110	5.32	11.40	-14.33	1842.28	666.20	-549.22	-308.13	-16.90	30.44
25111	6.47	11.28	-14.33	1872.01	646.16	-514.34	-335.70	-16.10	31.58
25112	7.60	11.15	-14.33	1902.14	625.36	-479.89	-365.09	-14.83	32.92
25113	8.72	10.99	-14.33	1931.95	603.62	-445.86	-396.37	-12.94	34.42
25114	9.83	10.82	-14.33	1960.48	580.69	-412.21	-429.46	-10.30	36.00
25115	10.92	10.63	-14.33	1986.46	556.32	-378.72	-464.24	-6.91	37.84
25116	0.63	13.48	-14.33	1660.67	698.67	-703.09	-228.06	-18.71	41.03
25117	1.88	13.42	-14.33	1683.80	684.43	-664.69	-254.72	-16.76	40.19
25118	3.11	13.32	-14.33	1707.25	669.49	-626.79	-282.10	-15.31	39.81
25119	4.33	13.19	-14.33	1731.51	654.02	-589.41	-310.46	-14.09	39.78
25120	5.53	13.03	-14.33	1756.81	638.11	-552.57	-340.00	-12.88	40.04
25121	6.70	12.83	-14.33	1783.14	621.74	-516.28	-370.87	-11.48	40.53
25122	7.86	12.61	-14.33	1810.29	604.80	-480.56	-403.17	-9.72	41.17
25123	8.99	12.35	-14.33	1837.87	587.10	-445.39	-436.87	-7.46	41.89
25124	10.11	12.06	-14.33	1865.42	568.33	-410.75	-471.84	-4.66	42.62
25125	11.19	11.74	-14.33	1892.57	548.34	-376.21	-507.90	-1.50	43.81
25126	0.65	15.28	-14.33	1574.73	628.97	-712.94	-237.16	-18.61	56.25
25127	1.95	15.20	-14.33	1594.61	619.49	-673.11	-268.78	-15.58	54.65
25128	3.22	15.07	-14.33	1614.48	609.75	-633.74	-300.73	-13.14	53.40
25129	4.47	14.90	-14.33	1634.96	599.90	-594.87	-333.23	-11.04	52.42
25130	5.71	14.67	-14.33	1656.51	590.01	-556.55	-366.47	-9.07	51.67
25131	6.91	14.40	-14.33	1679.33	580.05	-518.84	-400.58	-7.05	51.09
25132	8.09	14.08	-14.33	1703.51	569.88	-481.78	-435.62	-4.81	50.59
25133	9.24	13.72	-14.33	1728.99	559.21	-445.41	-471.56	-2.23	50.10
25134	10.36	13.31	-14.33	1755.66	547.69	-409.73	-508.25	0.77	49.60
25135	11.45	12.86	-14.33	1783.32	535.30	-374.35	-545.48	4.03	49.25
25136	0.67	17.07	-14.33	1474.70	526.76	-721.80	-238.45	-19.62	72.44
25137	1.99	16.99	-14.33	1491.53	523.42	-681.02	-275.29	-15.50	70.14
25138	3.30	16.84	-14.33	1508.13	520.82	-640.52	-312.04	-12.02	67.95
25139	4.59	16.62	-14.33	1525.24	519.03	-600.40	-348.81	-8.97	65.86
25140	5.85	16.34	-14.33	1543.44	518.01	-560.77	-385.74	-6.17	63.88
25141	7.09	15.99	-14.33	1563.20	517.61	-521.72	-422.96	-3.48	61.96
25142	8.29	15.58	-14.33	1584.88	517.52	-483.37	-460.53	-0.75	60.06
25143	9.46	15.11	-14.33	1608.80	517.27	-445.78	-498.42	2.16	58.12
25144	10.60	14.58	-14.33	1635.20	516.22	-409.06	-536.42	5.37	56.04
25145	11.69	14.00	-14.33	1664.17	513.76	-373.03	-573.87	9.12	53.83
25146	0.68	18.88	-14.33	1361.68	395.62	-729.20	-230.46	-22.00	85.44

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
25147	2.02	18.79	-14.33	1376.05	398.90	-687.96	-272.42	-17.09	82.82
25148	3.36	18.61	-14.33	1390.27	404.60	-646.67	-313.97	-12.69	80.02
25149	4.68	18.35	-14.33	1404.99	412.64	-605.54	-355.05	-8.71	77.09
25150	5.97	18.01	-14.33	1420.83	422.80	-564.71	-395.71	-5.05	74.05
25151	7.23	17.59	-14.33	1438.44	434.66	-524.37	-436.05	-1.58	70.93
25152	8.47	17.09	-14.33	1458.45	447.63	-484.68	-476.15	1.82	67.69
25153	9.66	16.51	-14.33	1481.53	460.87	-445.80	-516.01	5.27	64.31
25154	10.81	15.87	-14.33	1508.39	473.34	-407.89	-555.44	8.92	60.70
25155	11.91	15.15	-14.33	1539.96	483.48	-371.03	-593.80	12.79	56.40
25156	16.80	9.56	-14.33	1930.45	377.02	-204.14	-674.36	61.09	21.73
25157	16.19	10.65	-14.33	1829.75	422.42	-225.15	-693.50	50.09	28.51
25158	15.52	11.69	-14.33	1740.41	458.54	-248.40	-696.59	40.71	35.76
25159	15.79	9.48	-14.33	2001.93	407.25	-233.72	-623.42	41.20	30.40
25160	15.37	10.42	-14.33	1906.98	438.10	-249.76	-645.37	34.88	35.71
25161	14.91	11.34	-14.33	1819.69	465.55	-266.58	-657.90	28.49	39.48
25162	14.78	9.40	-14.33	2053.70	437.54	-262.28	-573.71	25.04	33.77
25163	14.55	10.21	-14.33	1971.56	456.95	-272.16	-598.16	22.99	39.71
25164	14.30	11.00	-14.33	1888.46	474.49	-282.99	-617.47	15.15	44.31
25165	12.93	14.37	-14.33	1577.62	491.03	-336.25	-628.99	18.26	55.63
25166	12.65	13.39	-14.33	1697.18	510.92	-340.46	-607.08	13.17	54.83
25167	12.36	12.43	-14.33	1811.50	524.63	-343.79	-577.50	7.26	51.38
25168	13.86	13.54	-14.33	1621.16	491.62	-304.38	-659.97	23.76	50.37
25169	13.48	12.78	-14.33	1728.51	502.74	-313.10	-633.04	16.46	51.70
25170	13.10	12.03	-14.33	1829.27	511.28	-320.51	-600.36	9.05	50.97
25171	14.74	12.66	-14.33	1672.96	481.92	-274.47	-684.96	29.60	44.33
25172	14.28	12.13	-14.33	1762.31	487.60	-287.31	-653.90	20.26	47.03
25173	13.81	11.61	-14.33	1845.27	493.19	-298.41	-619.91	12.66	46.22
25174	17.76	9.62	-11.67	1314.06	259.34	-289.97	-481.99	381.78	12.62
25175	17.06	10.82	-11.67	1196.46	287.60	-293.53	-495.75	324.24	38.58
25176	16.27	11.98	-11.67	1101.42	306.61	-303.73	-489.15	272.89	70.81
25177	15.40	13.08	-11.67	1029.38	314.83	-319.92	-470.98	227.69	104.88
25178	14.46	14.11	-11.67	977.21	313.94	-341.27	-448.10	188.73	135.69
25179	13.44	15.08	-11.67	940.56	306.54	-367.00	-423.05	154.98	163.33
25180	12.37	15.98	-11.67	914.91	294.56	-396.50	-396.70	125.92	186.95
25181	11.23	16.80	-11.67	896.50	280.36	-429.09	-369.53	100.14	208.11
25182	10.04	17.54	-11.67	883.11	264.81	-464.33	-341.88	76.60	226.90
25183	8.80	18.19	-11.67	873.20	249.03	-501.83	-313.64	54.71	243.78
25184	7.52	18.76	-11.67	865.58	233.87	-541.24	-284.78	33.90	259.21
25185	6.20	19.23	-11.67	859.34	220.00	-582.23	-255.24	13.67	273.50
25186	4.86	19.62	-11.67	853.75	207.92	-624.44	-225.06	-6.44	286.83
25187	3.49	19.90	-11.67	848.21	198.05	-667.52	-194.28	-26.79	299.26
25188	2.10	20.10	-11.67	842.23	190.77	-711.13	-163.05	-47.73	310.73
25189	0.70	20.20	-11.67	835.35	186.39	-755.03	-131.54	-69.53	321.22
25190	18.68	9.66	-11.67	1266.68	266.79	-235.77	-531.14	487.61	-76.76
25191	17.95	10.95	-11.67	1091.47	302.88	-232.27	-544.27	399.30	-45.09
25192	17.14	12.19	-11.67	965.89	322.62	-239.86	-526.07	325.52	0.54
25193	16.24	13.37	-11.67	885.83	325.74	-255.96	-497.02	266.09	48.17
25194	15.26	14.48	-11.67	837.67	317.05	-278.34	-466.61	217.45	91.57
25195	14.20	15.53	-11.67	809.37	301.07	-305.54	-437.08	176.42	128.58
25196	13.07	16.49	-11.67	793.00	280.82	-336.72	-408.02	140.80	159.64
25197	11.88	17.37	-11.67	783.85	258.34	-371.23	-378.86	109.29	185.58
25198	10.62	18.17	-11.67	779.02	235.15	-408.52	-349.23	80.84	207.55
25199	9.32	18.87	-11.67	776.72	212.28	-448.13	-318.85	54.70	226.34
25200	7.96	19.48	-11.67	775.70	190.62	-489.66	-287.54	30.28	242.68
25201	6.57	19.99	-11.67	775.05	170.84	-532.73	-255.19	7.06	257.10
25202	5.14	20.41	-11.67	774.08	153.49	-577.00	-221.77	-15.41	270.05
25203	3.69	20.72	-11.67	772.27	138.91	-622.12	-187.36	-37.51	281.78
25204	2.22	20.93	-11.67	769.17	127.39	-667.61	-152.22	-59.49	292.33
25205	0.74	21.03	-11.67	764.35	119.74	-713.00	-116.78	-81.65	301.45
25206	19.60	9.70	-11.67	1236.63	300.91	-151.10	-590.32	596.97	-223.80
25207	18.85	11.08	-11.67	951.38	349.62	-152.46	-587.18	461.57	-181.78
25208	18.01	12.41	-11.67	784.28	361.65	-165.50	-539.39	360.44	-110.60
25209	17.08	13.67	-11.67	706.49	348.88	-185.76	-494.11	288.59	-39.85
25210	16.06	14.85	-11.67	674.01	327.23	-211.03	-459.49	233.06	20.30
25211	14.95	15.97	-11.67	661.78	300.49	-240.87	-429.89	186.21	69.57
25212	13.77	17.00	-11.67	660.24	270.80	-274.45	-401.85	145.23	109.19
25213	12.52	17.94	-11.67	664.17	239.85	-311.27	-373.59	108.64	140.86
25214	11.20	18.79	-11.67	670.68	208.97	-350.83	-344.21	75.56	166.14
25215	9.83	19.55	-11.67	678.01	179.23	-392.64	-313.29	45.40	186.40
25216	8.41	20.20	-11.67	685.00	151.49	-436.27	-280.70	17.68	202.71
25217	6.94	20.76	-11.67	690.86	126.43	-481.31	-246.40	-8.04	215.95
25218	5.43	21.20	-11.67	694.95	104.58	-527.49	-210.42	-32.24	226.85
25219	3.90	21.54	-11.67	696.95	86.12	-574.72	-172.81	-55.34	236.17
25220	2.35	21.76	-11.67	696.93	70.92	-622.63	-134.05	-77.29	244.56
25221	0.78	21.87	-11.67	694.34	59.13	-670.25	-95.45	-97.65	251.93
25222	20.51	9.75	-11.67	1240.88	400.77	26.56	-693.56	765.28	-473.68
25223	19.75	11.21	-11.67	721.71	460.66	-39.17	-601.51	486.83	-385.29
25224	18.89	12.62	-11.67	535.73	416.97	-91.08	-491.21	363.62	-261.01
25225	17.92	13.96	-11.67	497.14	376.78	-120.11	-443.21	295.31	-161.45
25226	16.86	15.22	-11.67	492.16	339.94	-150.78	-416.11	238.56	-79.72
25227	15.71	16.41	-11.67	503.07	302.75	-183.93	-394.83	188.37	-14.71
25228	14.48	17.51	-11.67	520.47	264.44	-220.24	-373.77	142.84	36.10
25229	13.17	18.52	-11.67	540.31	225.86	-259.58	-350.57	101.28	75.20
25230	11.79	19.42	-11.67	560.16	188.16	-301.61	-324.36	63.35	104.83
25231	10.35	20.23	-11.67	578.56	152.45	-345.86	-294.97	28.82	126.86
25232	8.85	20.93	-11.67	594.57	119.64	-391.86	-262.56	-2.51	142.84
25233	7.30	21.52	-11.67	607.54	90.49	-439.21	-227.45	-30.84	154.03
25234	5.72	21.99	-11.67	616.88	65.51	-487.64	-189.90	-56.60	161.53
25235	4.11	22.35	-11.67	622.20	44.96	-537.60	-149.94	-80.70	166.61
25236	2.47	22.59	-11.67	624.72	27.63	-591.09	-107.72	-103.46	171.78
25237	0.83	22.71	-11.67	626.09	14.33	-647.90	-67.03	-120.69	178.19
25238	21.43	9.79	-11.67	1037.01	816.88	624.73	-782.50	907.80	-805.67
25239	20.65	11.34	-11.67	285.01	554.69	32.02	-401.83	367.12	-583.68
25240	19.76	12.83	-11.67	273.57	444.16	-45.41	-338.99	339.56	-443.19
25241	18.76	14.25	-11.67	279.95	387.85	-92.05	-329.86	290.09	-319.33
25242	17.66	15.59	-11.67	309.58	345.19	-125.23	-327.99	239.52	-213.04
25243	16.47	16.85	-11.67	344.42	303.70	-160.17	-325.62	188.02	-127.71
25244	15.18	18.02	-11.67	381.31	261.14	-198.18	-318.31	138.10	-61.56
25245	13.81	19.09	-11.67	417.29	218.20	-239.69	-304.86	90.89	-11.72



Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
25246	12.37	20.05	-11.67	450.63	176.33	-284.34	-285.22	47.07	24.62
25247	10.86	20.91	-11.67	480.16	136.97	-331.59	-259.90	7.07	49.92
25248	9.29	21.65	-11.67	505.12	101.31	-380.85	-229.71	-28.85	66.24
25249	7.67	22.28	-11.67	524.99	70.27	-431.76	-195.52	-60.65	75.39
25250	6.01	22.78	-11.67	539.38	44.52	-483.86	-158.23	-88.39	78.85
25251	4.32	23.17	-11.67	547.12	24.26	-538.47	-118.23	-114.00	78.27
25252	2.60	23.42	-11.67	551.68	8.80	-602.90	-76.11	-138.32	76.80
25253	0.87	23.55	-11.67	556.34	0.01	-676.06	-35.25	-150.54	74.71
25254	17.76	9.62	-13.00	1531.57	299.18	-217.39	-595.61	270.62	11.35
25255	17.06	10.82	-13.00	1425.39	340.63	-232.44	-614.87	223.44	29.41
25256	16.27	11.98	-13.00	1336.83	370.28	-251.92	-610.56	183.62	52.61
25257	15.40	13.08	-13.00	1267.37	385.37	-275.85	-591.81	150.18	77.01
25258	14.46	14.11	-13.00	1214.93	387.71	-303.68	-565.82	122.50	98.46
25259	13.44	15.08	-13.00	1176.19	380.60	-334.93	-535.88	99.09	117.28
25260	12.37	15.98	-13.00	1147.48	366.60	-369.05	-503.46	79.42	132.82
25261	11.23	16.80	-13.00	1125.53	349.00	-405.40	-469.47	62.26	146.76
25262	10.04	17.54	-13.00	1108.42	329.29	-443.64	-434.61	46.69	159.15
25263	8.80	18.19	-13.00	1094.75	309.00	-483.48	-398.94	32.27	170.27
25264	7.52	18.76	-13.00	1083.37	289.31	-524.65	-362.53	18.61	180.47
25265	6.20	19.23	-13.00	1073.41	271.15	-566.87	-325.40	5.32	189.94
25266	4.86	19.62	-13.00	1064.11	255.24	-609.87	-287.58	-7.90	198.79
25267	3.49	19.90	-13.00	1054.83	242.15	-653.34	-249.08	-21.36	207.02
25268	2.10	20.10	-13.00	1045.07	232.24	-697.08	-209.91	-35.33	214.64
25269	0.70	20.20	-13.00	1034.47	225.71	-740.76	-170.25	-49.98	221.70
25270	18.68	9.66	-13.00	1396.91	289.88	-171.33	-640.64	366.30	-58.36
25271	17.95	10.95	-13.00	1261.34	343.10	-181.35	-663.23	285.70	-34.60
25272	17.14	12.19	-13.00	1159.33	377.46	-199.03	-651.47	223.63	0.53
25273	16.24	13.37	-13.00	1091.11	389.93	-223.97	-624.44	177.57	35.71
25274	15.26	14.48	-13.00	1047.96	385.38	-253.81	-591.90	142.26	66.62
25275	14.20	15.53	-13.00	1021.04	369.26	-287.43	-557.34	113.61	92.25
25276	13.07	16.49	-13.00	1004.25	345.94	-324.08	-521.60	89.28	113.31
25277	11.88	17.37	-13.00	993.63	318.56	-363.28	-484.79	68.08	130.62
25278	10.62	18.17	-13.00	986.68	289.48	-404.58	-446.93	49.13	145.17
25279	9.32	18.87	-13.00	981.79	260.34	-447.63	-407.98	31.81	157.56
25280	7.96	19.48	-13.00	977.84	232.47	-492.12	-367.94	15.71	168.30
25281	6.57	19.99	-13.00	973.95	206.89	-537.71	-326.81	0.43	177.76
25282	5.14	20.41	-13.00	969.40	184.46	-584.14	-284.65	-14.34	186.21
25283	3.69	20.72	-13.00	963.55	165.76	-631.05	-241.47	-28.85	193.77
25284	2.22	20.93	-13.00	955.96	151.33	-677.92	-197.31	-43.33	200.23
25285	0.74	21.03	-13.00	946.26	141.30	-725.14	-152.20	-58.43	206.08
25286	19.60	9.70	-13.00	1229.23	312.81	-104.65	-667.30	474.66	-181.26
25287	18.85	11.08	-13.00	1043.81	379.22	-117.79	-683.24	337.76	-142.54
25288	18.01	12.41	-13.00	930.96	410.82	-139.51	-655.20	248.17	-81.84
25289	17.08	13.67	-13.00	876.35	412.92	-167.16	-620.06	191.45	-27.50
25290	16.06	14.85	-13.00	853.45	396.51	-200.03	-586.04	150.90	15.89
25291	14.95	15.97	-13.00	846.67	368.74	-236.75	-552.53	118.32	49.99
25292	13.77	17.00	-13.00	848.02	334.22	-276.54	-518.11	90.44	76.74
25293	12.52	17.94	-13.00	853.24	296.32	-318.93	-481.97	65.88	97.74
25294	11.20	18.79	-13.00	859.83	257.50	-363.51	-443.75	43.91	114.28
25295	9.83	19.55	-13.00	866.26	219.58	-409.90	-403.41	24.02	127.38
25296	8.41	20.20	-13.00	871.53	183.94	-457.76	-361.06	5.84	137.83
25297	6.94	20.76	-13.00	874.94	151.66	-506.72	-316.92	-10.90	146.20
25298	5.43	21.20	-13.00	875.85	123.58	-556.48	-271.21	-26.54	152.93
25299	3.90	21.54	-13.00	873.77	100.50	-606.91	-224.12	-41.42	158.52
25300	2.35	21.76	-13.00	868.36	81.96	-657.43	-175.63	-55.36	163.28
25301	0.78	21.87	-13.00	859.73	69.41	-705.34	-126.68	-68.33	165.23
25302	20.51	9.75	-13.00	965.16	419.14	101.23	-661.09	578.90	-373.44
25303	19.75	11.21	-13.00	741.40	463.05	-36.56	-638.45	345.40	-296.11
25304	18.89	12.62	-13.00	646.61	468.40	-79.15	-589.61	244.89	-194.94
25305	17.92	13.96	-13.00	627.09	449.47	-113.20	-558.20	191.20	-115.31
25306	16.86	15.22	-13.00	636.77	418.65	-149.57	-535.75	151.20	-56.19
25307	15.71	16.41	-13.00	657.42	378.68	-189.59	-513.28	116.73	-11.17
25308	14.48	17.51	-13.00	682.13	333.02	-232.52	-487.42	85.94	23.09
25309	13.17	18.52	-13.00	707.13	284.83	-278.11	-457.04	58.10	48.92
25310	11.79	19.42	-13.00	730.32	236.71	-326.00	-421.99	32.90	68.11
25311	10.35	20.23	-13.00	750.39	190.70	-375.80	-382.65	10.12	82.05
25312	8.85	20.93	-13.00	766.58	148.32	-427.12	-339.61	-10.35	91.86
25313	7.30	21.52	-13.00	778.36	110.68	-479.63	-293.56	-28.70	98.43
25314	5.72	21.99	-13.00	785.37	78.66	-532.85	-245.24	-45.02	102.37
25315	4.11	22.35	-13.00	786.67	52.71	-586.86	-194.89	-60.15	104.43
25316	2.47	22.59	-13.00	782.97	33.18	-643.68	-142.22	-75.22	106.75
25317	0.83	22.71	-13.00	776.02	10.39	-702.40	-88.03	-86.74	114.18
25318	21.43	9.79	-13.00	411.75	626.53	236.08	-492.20	409.36	-527.65
25319	20.65	11.34	-13.00	361.68	573.82	21.43	-447.87	283.63	-438.99
25320	19.76	12.83	-13.00	328.40	518.97	-57.06	-415.08	225.44	-327.59
25321	18.76	14.25	-13.00	362.71	483.51	-90.44	-421.71	195.89	-232.41
25322	17.66	15.59	-13.00	408.42	444.38	-128.71	-430.27	159.38	-154.18
25323	16.47	16.85	-13.00	459.15	396.78	-170.21	-431.78	123.11	-93.19
25324	15.18	18.02	-13.00	509.41	342.95	-215.44	-423.50	88.00	-46.69
25325	13.81	19.09	-13.00	556.34	286.50	-263.84	-405.19	54.91	-12.14
25326	12.37	20.05	-13.00	598.08	230.70	-315.01	-377.76	24.31	12.65
25327	10.86	20.91	-13.00	633.45	178.15	-368.45	-342.54	-3.50	29.50
25328	9.29	21.65	-13.00	661.79	130.72	-423.72	-301.06	-28.33	39.96
25329	7.67	22.28	-13.00	682.75	89.74	-480.31	-254.83	-50.08	45.28
25330	6.01	22.78	-13.00	696.08	55.95	-538.44	-205.20	-69.04	46.68
25331	4.32	23.17	-13.00	701.44	30.27	-595.53	-153.72	-84.80	44.50
25332	2.60	23.42	-13.00	693.12	11.13	-664.59	-97.83	-108.90	42.09
25333	0.87	23.55	-13.00	696.26	-6.78	-772.37	-39.10	-126.33	55.58
25334	17.76	9.62	-14.33	1793.60	332.80	-167.39	-743.86	92.56	8.43
25335	17.06	10.82	-14.33	1689.36	393.81	-191.08	-765.25	75.20	16.52
25336	16.27	11.98	-14.33	1599.98	437.66	-218.43	-760.31	59.42	25.94
25337	15.40	13.08	-14.33	1529.24	460.76	-248.58	-737.29	46.88	36.06
25338	14.46	14.11	-14.33	1474.18	466.24	-281.34	-703.95	37.08	44.30
25339	13.44	15.08	-14.33	1431.29	458.46	-316.36	-665.31	28.78	51.54
25340	12.37	15.98	-14.33	1397.29	441.81	-353.38	-623.80	21.97	57.14
25341	11.23	16.80	-14.33	1369.93	420.24	-392.03	-581.05	15.98	62.33
25342	10.04	17.54	-14.33	1347.63	395.65	-432.08	-537.63	10.47	66.95
25343	8.80	18.19	-14.33	1329.06	370.10	-473.32	-493.62	5.31	71.11
25344	7.52	18.76	-14.33	1313.19	345.05	-515.54	-449.08	0.36	74.94

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
25345	6.20	19.23	-14.33	1299.15	321.67	-558.50	-403.98	-4.52	78.52
25346	4.86	19.62	-14.33	1286.12	300.91	-601.98	-358.19	-9.44	81.84
25347	3.49	19.90	-14.33	1273.41	283.49	-645.76	-311.51	-14.51	84.91
25348	2.10	20.10	-14.33	1260.45	269.73	-689.59	-263.80	-19.85	87.74
25349	0.70	20.20	-14.33	1246.84	259.78	-733.33	-215.19	-25.49	90.40
25350	18.68	9.66	-14.33	1567.83	293.73	-121.00	-803.36	143.43	-19.96
25351	17.95	10.95	-14.33	1465.77	377.44	-142.97	-830.13	107.80	-8.75
25352	17.14	12.19	-14.33	1381.10	432.42	-171.73	-817.91	80.27	6.20
25353	16.24	13.37	-14.33	1320.01	455.30	-204.27	-785.81	61.14	20.17
25354	15.26	14.48	-14.33	1278.40	453.53	-239.79	-745.09	47.12	32.12
25355	14.20	15.53	-14.33	1250.17	435.28	-277.80	-700.85	36.09	41.76
25356	13.07	16.49	-14.33	1230.54	406.86	-317.97	-654.96	26.87	49.58
25357	11.88	17.37	-14.33	1216.35	372.66	-360.04	-608.01	18.94	55.90
25358	10.62	18.17	-14.33	1205.61	335.81	-403.74	-560.18	11.90	61.23
25359	9.32	18.87	-14.33	1196.95	298.47	-448.82	-511.40	5.48	65.79
25360	7.96	19.48	-14.33	1189.32	262.38	-495.03	-461.62	-0.48	69.78
25361	6.57	19.99	-14.33	1181.90	228.92	-542.11	-410.85	-6.14	73.31
25362	5.14	20.41	-14.33	1173.84	199.33	-589.80	-359.10	-11.64	76.51
25363	3.69	20.72	-14.33	1164.25	174.76	-637.76	-306.11	-17.03	79.28
25364	2.22	20.93	-14.33	1152.62	155.69	-685.91	-251.34	-22.50	81.57
25365	0.74	21.03	-14.33	1138.88	141.47	-733.54	-194.54	-28.35	83.70
25366	19.60	9.70	-14.33	1222.73	289.03	-62.22	-815.60	201.88	-73.03
25367	18.85	11.08	-14.33	1153.68	398.17	-92.15	-844.81	133.07	-53.75
25368	18.01	12.41	-14.33	1097.42	461.36	-122.64	-826.01	90.68	-26.34
25369	17.08	13.67	-14.33	1064.83	477.70	-157.68	-789.43	66.10	-4.11
25370	16.06	14.85	-14.33	1050.76	463.32	-196.07	-747.98	49.77	12.51
25371	14.95	15.97	-14.33	1047.51	430.88	-237.23	-704.62	37.20	25.14
25372	13.77	17.00	-14.33	1049.73	388.24	-280.82	-659.43	26.68	34.83
25373	12.52	17.94	-14.33	1054.24	340.45	-326.53	-612.18	17.54	42.32
25374	11.20	18.79	-14.33	1059.16	290.91	-374.08	-562.77	9.43	48.15
25375	9.83	19.55	-14.33	1063.32	242.07	-423.19	-511.22	2.15	52.76
25376	8.41	20.20	-14.33	1065.93	195.72	-473.55	-457.67	-4.47	56.44
25377	6.94	20.76	-14.33	1066.40	153.30	-524.90	-402.37	-10.54	59.40
25378	5.43	21.20	-14.33	1064.19	116.09	-576.85	-345.75	-16.13	61.68
25379	3.90	21.54	-14.33	1058.26	85.89	-629.41	-288.33	-21.58	63.80
25380	2.35	21.76	-14.33	1047.17	64.63	-681.03	-228.93	-26.25	64.31
25381	0.78	21.87	-14.33	1031.76	50.25	-734.80	-165.40	-31.43	64.47
25382	20.51	9.75	-14.33	750.12	365.13	32.12	-722.68	202.51	-155.43
25383	19.75	11.21	-14.33	767.47	474.42	-32.98	-756.69	130.70	-121.10
25384	18.89	12.62	-14.33	767.60	526.86	-73.97	-744.40	84.25	-73.61
25385	17.92	13.96	-14.33	780.30	527.30	-111.63	-720.83	61.68	-39.88
25386	16.86	15.22	-14.33	804.55	496.91	-152.98	-694.13	46.30	-17.08
25387	15.71	16.41	-14.33	833.59	449.55	-197.24	-663.43	33.55	-0.64
25388	14.48	17.51	-14.33	863.04	392.89	-244.21	-627.46	22.32	11.51
25389	13.17	18.52	-14.33	890.44	332.13	-293.53	-585.93	12.30	20.43
25390	11.79	19.42	-14.33	914.31	271.01	-344.92	-539.18	3.32	26.90
25391	10.35	20.23	-14.33	933.79	212.20	-398.06	-487.81	-4.71	31.46
25392	8.85	20.93	-14.33	948.36	157.63	-452.62	-432.61	-11.85	34.56
25393	7.30	21.52	-14.33	957.74	108.76	-508.22	-374.41	-18.14	36.50
25394	5.72	21.99	-14.33	961.82	66.65	-564.78	-314.16	-23.65	37.63
25395	4.11	22.35	-14.33	960.74	32.72	-620.66	-253.55	-27.96	37.06
25396	2.47	22.59	-14.33	950.93	11.46	-681.69	-194.65	-33.96	39.58
25397	0.83	22.71	-14.33	931.76	6.81	-724.08	-128.66	-31.85	28.65
25398	21.43	9.79	-14.33	303.10	573.76	69.90	-464.51	86.09	-212.08
25399	20.65	11.34	-14.33	364.34	607.75	7.87	-512.57	89.26	-182.71
25400	19.76	12.83	-14.33	419.74	618.52	-38.63	-536.93	76.81	-132.45
25401	18.76	14.25	-14.33	478.11	599.69	-77.58	-556.73	64.04	-89.96
25402	17.66	15.59	-14.33	543.70	556.78	-120.36	-568.65	50.33	-58.69
25403	16.47	16.85	-14.33	608.81	496.88	-167.25	-567.24	36.08	-35.10
25404	15.18	18.02	-14.33	669.98	427.35	-217.14	-552.00	22.36	-17.54
25405	13.81	19.09	-14.33	724.82	354.23	-269.82	-524.02	9.47	-4.82
25406	12.37	20.05	-14.33	771.80	282.19	-324.85	-485.04	-2.38	4.02
25407	10.86	20.91	-14.33	810.02	214.62	-381.89	-437.09	-13.06	9.72
25408	9.29	21.65	-14.33	839.05	153.84	-440.52	-382.21	-22.48	12.91
25409	7.67	22.28	-14.33	858.84	101.36	-500.53	-322.37	-30.59	14.09
25410	6.01	22.78	-14.33	869.70	58.31	-560.86	-259.38	-37.36	13.63
25411	4.32	23.17	-14.33	872.07	24.22	-624.71	-195.04	-43.24	12.79
25412	2.60	23.42	-14.33	867.29	5.17	-672.76	-133.50	-44.24	3.22
25413	0.87	23.55	-14.33	828.36	-1.25	-839.41	-77.45	-97.61	39.38
25414	-11.67	9.50	-11.67	914.95	529.41	-1178.78	12.37	-251.50	154.86
25415	-12.71	9.45	-11.67	867.02	526.38	-1216.87	24.96	-291.70	169.43
25416	-13.75	9.40	-11.67	813.37	521.82	-1249.16	38.72	-334.73	182.79
25417	-11.86	10.51	-11.67	882.92	511.42	-1194.65	22.42	-272.75	187.78
25418	-12.77	10.36	-11.67	842.14	509.40	-1223.47	34.60	-306.96	197.78
25419	-13.67	10.20	-11.67	798.39	506.47	-1247.78	47.02	-341.38	206.39
25420	-12.05	11.51	-11.67	848.47	488.38	-1204.91	35.29	-293.10	222.24
25421	-12.82	11.26	-11.67	815.93	489.43	-1225.92	45.32	-320.44	225.37
25422	-13.59	10.99	-11.67	780.27	488.71	-1244.32	56.38	-349.72	230.04
25423	-0.56	9.90	-11.67	1242.45	468.14	-755.07	-110.81	-58.86	79.87
25424	-1.69	9.89	-11.67	1219.00	479.05	-792.03	-96.59	-65.70	81.72
25425	-2.81	9.87	-11.67	1193.98	489.27	-830.57	-82.97	-74.11	84.31
25426	-3.93	9.85	-11.67	1167.17	498.74	-870.44	-69.94	-84.43	87.94
25427	-5.05	9.82	-11.67	1138.42	507.30	-911.69	-57.45	-97.08	92.87
25428	-6.17	9.78	-11.67	1107.61	514.75	-954.40	-45.44	-112.58	99.33
25429	-7.28	9.74	-11.67	1074.58	520.92	-998.59	-33.79	-131.52	107.54
25430	-8.39	9.69	-11.67	1039.14	525.60	-1044.04	-22.37	-154.54	117.61
25431	-9.50	9.63	-11.67	1001.02	528.63	-1090.19	-10.99	-182.16	129.50
25432	-10.60	9.56	-11.67	959.68	529.85	-1135.94	0.56	-214.72	143.01
25433	-0.58	11.69	-11.67	1188.59	450.62	-781.02	-120.96	-57.34	114.61
25434	-1.75	11.67	-11.67	1167.39	460.92	-820.23	-104.04	-66.76	117.15
25435	-2.91	11.62	-11.67	1144.41	470.53	-860.94	-87.89	-78.17	120.77
25436	-4.07	11.55	-11.67	1119.54	479.46	-902.53	-72.42	-91.69	125.64
25437	-5.22	11.46	-11.67	1092.71	487.61	-944.95	-57.57	-107.71	131.80
25438	-6.37	11.35	-11.67	1063.76	494.83	-988.10	-43.30	-126.69	139.26
25439	-7.51	11.21	-11.67	1032.56	500.92	-1031.73	-29.52	-149.03	147.98
25440	-8.64	11.06	-11.67	998.95	505.72	-1075.40	-16.10	-175.08	157.83
25441	-9.75	10.88	-11.67	962.75	509.05	-1118.38	-2.92	-204.93	168.56
25442	-10.86	10.68	-11.67	923.54	510.88	-1159.39	10.12	-238.55	179.62
25443	-0.60	13.49	-11.67	1126.42	423.73	-809.11	-126.77	-58.00	160.20

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
25444	-1.81	13.45	-11.67	1107.79	432.84	-850.67	-107.28	-70.77	164.52
25445	-3.02	13.37	-11.67	1087.33	441.66	-893.00	-88.55	-85.79	169.54
25446	-4.21	13.26	-11.67	1064.91	450.09	-935.41	-70.60	-102.98	175.35
25447	-5.40	13.10	-11.67	1040.49	458.02	-977.83	-53.40	-122.60	181.94
25448	-6.58	12.91	-11.67	1013.90	465.30	-1020.05	-36.90	-144.95	189.19
25449	-7.74	12.69	-11.67	984.99	471.82	-1061.70	-21.04	-170.25	196.89
25450	-8.88	12.43	-11.67	953.63	477.45	-1102.29	-5.73	-198.54	204.75
25451	-10.01	12.13	-11.67	919.74	482.05	-1141.05	9.11	-229.60	212.40
25452	-11.11	11.80	-11.67	883.08	485.57	-1176.81	23.43	-263.05	219.29
25453	-0.63	15.29	-11.67	1057.41	384.68	-832.10	-127.99	-62.17	215.14
25454	-1.88	15.23	-11.67	1041.50	392.21	-875.02	-105.99	-78.69	221.20
25455	-3.12	15.12	-11.67	1023.78	400.00	-918.05	-84.68	-97.44	227.39
25456	-4.36	14.96	-11.67	1004.10	407.98	-960.49	-64.16	-118.26	233.58
25457	-5.58	14.75	-11.67	982.37	416.01	-1002.11	-44.49	-141.23	239.64
25458	-6.78	14.48	-11.67	958.42	423.97	-1042.62	-25.69	-166.42	245.36
25459	-7.97	14.16	-11.67	932.12	431.77	-1081.66	-7.78	-193.81	250.45
25460	-9.13	13.80	-11.67	903.35	439.33	-1118.82	9.24	-223.21	254.59
25461	-10.27	13.38	-11.67	872.08	446.59	-1153.50	25.35	-254.25	257.49
25462	-11.37	12.92	-11.67	838.15	453.33	-1184.88	40.51	-286.60	258.86
25463	-0.65	17.08	-11.67	982.81	330.31	-841.38	-124.16	-69.73	272.09
25464	-1.94	17.01	-11.67	969.54	336.03	-884.84	-99.47	-89.84	279.60
25465	-3.22	16.87	-11.67	954.55	342.84	-927.78	-75.42	-111.92	286.40
25466	-4.50	16.66	-11.67	937.62	350.70	-969.65	-52.20	-135.75	292.21
25467	-5.75	16.39	-11.67	918.64	359.51	-1010.16	-29.97	-161.23	296.82
25468	-6.99	16.04	-11.67	897.45	369.16	-1049.04	-8.89	-188.25	299.99
25469	-8.20	15.64	-11.67	873.98	379.58	-1085.99	10.90	-216.59	301.49
25470	-9.38	15.17	-11.67	848.21	390.67	-1120.71	29.23	-245.96	301.12
25471	-10.52	14.63	-11.67	820.14	402.33	-1152.84	45.97	-275.96	298.68
25472	-11.63	14.04	-11.67	789.73	414.30	-1181.90	60.97	-306.40	294.04
25473	-0.67	18.88	-11.67	903.93	260.11	-829.05	-114.80	-80.06	316.06
25474	-2.00	18.79	-11.67	893.08	263.89	-872.17	-87.24	-102.58	324.29
25475	-3.33	18.62	-11.67	880.61	269.97	-914.62	-60.32	-126.60	331.12
25476	-4.64	18.37	-11.67	866.31	278.34	-955.99	-34.38	-151.93	336.23
25477	-5.93	18.03	-11.67	850.01	288.93	-996.02	-9.70	-178.43	339.35
25478	-7.20	17.61	-11.67	831.65	301.62	-1034.46	13.41	-205.88	340.31
25479	-8.43	17.11	-11.67	811.24	316.26	-1071.06	34.66	-234.01	338.97
25480	-9.63	16.54	-11.67	788.87	332.63	-1105.59	53.75	-262.52	335.21
25481	-10.78	15.88	-11.67	764.70	350.50	-1137.81	70.41	-291.05	329.00
25482	-11.89	15.16	-11.67	738.83	369.53	-1167.40	84.39	-319.26	320.13
25483	-16.80	9.56	-11.67	606.28	490.02	-1291.98	94.38	-456.11	215.02
25484	-16.19	10.65	-11.67	622.53	470.41	-1275.99	101.71	-439.68	239.00
25485	-15.51	11.70	-11.67	639.64	449.23	-1257.98	106.40	-421.44	261.29
25486	-15.78	9.48	-11.67	680.81	502.85	-1287.94	74.43	-423.83	208.78
25487	-15.36	10.44	-11.67	685.43	485.15	-1274.68	81.68	-413.51	230.90
25488	-14.89	11.36	-11.67	690.70	465.86	-1259.83	87.12	-401.51	250.88
25489	-14.77	9.41	-11.67	749.33	513.95	-1273.71	55.63	-383.21	196.69
25490	-14.53	10.23	-11.67	743.80	498.33	-1265.73	62.97	-381.24	218.15
25491	-14.27	11.03	-11.67	740.15	481.13	-1255.85	69.49	-374.84	238.37
25492	-12.91	14.38	-11.67	712.94	388.16	-1193.97	95.43	-347.06	311.30
25493	-12.60	13.43	-11.67	761.40	425.46	-1206.19	72.90	-334.28	289.25
25494	-12.30	12.48	-11.67	807.05	458.62	-1209.43	52.65	-315.41	259.61
25495	-13.85	13.56	-11.67	687.56	408.07	-1217.35	102.80	-372.81	297.85
25496	-13.44	12.81	-11.67	734.93	437.53	-1225.99	81.28	-358.62	279.93
25497	-13.05	12.07	-11.67	779.67	463.97	-1227.53	61.55	-339.30	256.42
25498	-14.73	12.67	-11.67	662.16	427.80	-1238.41	107.02	-397.45	282.23
25499	-14.25	12.15	-11.67	707.80	449.61	-1243.62	87.25	-381.56	268.93
25500	-13.77	11.64	-11.67	751.26	470.15	-1243.21	68.77	-362.48	249.22
25501	-11.67	9.50	-13.00	1142.57	675.96	-1103.44	10.39	-174.51	110.20
25502	-12.71	9.45	-13.00	1082.72	667.70	-1137.32	28.54	-203.26	121.06
25503	-13.75	9.40	-13.00	1014.30	657.10	-1167.83	47.47	-233.31	130.17
25504	-11.86	10.51	-13.00	1100.41	648.90	-1117.10	24.06	-189.64	133.06
25505	-12.77	10.36	-13.00	1049.67	642.91	-1144.21	40.98	-214.09	140.66
25506	-13.67	10.20	-13.00	994.05	635.34	-1168.34	57.70	-237.74	146.72
25507	-12.05	11.51	-13.00	1055.22	614.62	-1127.34	41.10	-203.55	156.34
25508	-12.82	11.26	-13.00	1014.85	613.54	-1148.29	54.87	-223.09	158.84
25509	-13.59	10.99	-13.00	971.04	610.48	-1167.41	68.86	-243.61	162.77
25510	-0.56	9.90	-13.00	1499.65	614.13	-729.63	-142.62	-41.58	51.03
25511	-1.69	9.89	-13.00	1474.64	627.97	-764.90	-127.27	-45.17	52.26
25512	-2.81	9.87	-13.00	1448.83	640.74	-800.73	-112.44	-49.84	54.28
25513	-3.93	9.85	-13.00	1421.70	652.27	-837.14	-98.00	-56.01	57.21
25514	-5.05	9.82	-13.00	1392.74	662.34	-874.11	-83.76	-64.04	61.23
25515	-6.17	9.78	-13.00	1361.37	670.67	-911.69	-69.48	-74.37	66.51
25516	-7.28	9.74	-13.00	1326.89	676.96	-949.87	-54.91	-87.50	73.17
25517	-8.39	9.69	-13.00	1288.55	680.89	-988.60	-39.77	-103.92	81.28
25518	-9.50	9.63	-13.00	1245.51	682.13	-1027.67	-23.82	-124.01	90.82
25519	-10.60	9.56	-13.00	1197.01	680.40	-1066.53	-6.97	-147.77	101.55
25520	-0.58	11.69	-13.00	1443.09	592.18	-747.50	-155.91	-39.01	74.91
25521	-1.75	11.67	-13.00	1420.26	604.49	-784.35	-137.07	-44.58	76.93
25522	-2.91	11.62	-13.00	1396.34	615.86	-821.68	-118.78	-51.44	79.84
25523	-4.07	11.55	-13.00	1370.74	626.09	-859.35	-100.91	-60.04	83.73
25524	-5.22	11.46	-13.00	1342.93	634.98	-897.22	-83.30	-70.69	88.66
25525	-6.37	11.35	-13.00	1312.36	642.30	-935.22	-65.77	-83.72	94.65
25526	-7.51	11.21	-13.00	1278.40	647.83	-973.25	-48.15	-99.49	101.65
25527	-8.64	11.06	-13.00	1240.41	651.36	-1011.15	-30.27	-118.30	109.55
25528	-9.75	10.88	-13.00	1197.89	652.67	-1048.67	-11.97	-140.23	118.18
25529	-10.86	10.68	-13.00	1150.65	651.71	-1085.07	6.61	-164.78	127.11
25530	-0.60	13.49	-13.00	1376.26	554.77	-765.47	-163.40	-39.41	107.40
25531	-1.81	13.45	-13.00	1355.87	565.25	-803.88	-140.93	-47.48	110.57
25532	-3.02	13.37	-13.00	1334.07	575.04	-842.50	-118.99	-57.01	114.45
25533	-4.21	13.26	-13.00	1310.25	584.01	-881.05	-97.51	-68.33	119.03
25534	-5.40	13.10	-13.00	1283.91	592.02	-919.32	-76.43	-81.63	124.27
25535	-6.58	12.91	-13.00	1254.56	598.94	-957.19	-55.65	-97.11	130.03
25536	-7.74	12.69	-13.00	1221.66	604.65	-994.49	-35.14	-114.96	136.16
25537	-8.88	12.43	-13.00	1184.74	609.06	-1031.02	-14.85	-135.26	142.39
25538	-10.01	12.13	-13.00	1143.55	612.09	-1066.57	5.28	-157.91	148.53
25539	-11.11	11.80	-13.00	1098.54	613.75	-1100.27	24.95	-181.99	154.26
25540	-0.63	15.29	-13.00	1299.20	497.78	-781.23	-165.35	-42.72	146.99
25541	-1.88	15.23	-13.00	1281.27	505.95	-820.91	-139.03	-53.58	151.40
25542	-3.12	15.12	-13.00	1261.65	514.12	-860.44	-113.23	-65.91	156.02

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
25543	-4.36	14.96	-13.00	1239.79	522.23	-899.46	-87.98	-79.91	160.75
25544	-5.58	14.75	-13.00	1215.23	530.19	-937.73	-63.34	-95.63	165.45
25545	-6.78	14.48	-13.00	1187.57	537.95	-975.08	-39.39	-113.08	169.92
25546	-7.97	14.16	-13.00	1156.43	545.45	-1011.33	-16.21	-132.27	173.94
25547	-9.13	13.80	-13.00	1121.52	552.68	-1046.27	6.06	-153.09	177.25
25548	-10.27	13.38	-13.00	1082.74	559.63	-1079.73	27.33	-175.36	179.67
25549	-11.37	12.92	-13.00	1040.59	566.09	-1110.92	47.48	-198.26	181.25
25550	-0.65	17.08	-13.00	1212.48	419.22	-791.01	-160.75	-48.52	187.62
25551	-1.94	17.01	-13.00	1196.77	424.84	-831.57	-130.39	-61.97	192.96
25552	-3.22	16.87	-13.00	1179.25	431.63	-871.64	-100.60	-76.75	197.88
25553	-4.50	16.66	-13.00	1159.42	439.60	-910.86	-71.57	-92.91	202.17
25554	-5.75	16.39	-13.00	1136.91	448.74	-948.99	-43.50	-110.36	205.66
25555	-6.99	16.04	-13.00	1111.44	459.01	-985.84	-16.64	-128.99	208.14
25556	-8.20	15.64	-13.00	1082.80	470.34	-1021.22	8.76	-148.66	209.44
25557	-9.38	15.17	-13.00	1050.90	482.65	-1054.94	32.42	-169.16	209.41
25558	-10.52	14.63	-13.00	1015.76	495.86	-1086.84	54.09	-190.26	207.92
25559	-11.63	14.04	-13.00	977.73	509.78	-1116.30	73.62	-211.55	205.14
25560	-0.67	18.88	-13.00	1117.46	322.13	-791.48	-149.07	-56.33	218.43
25561	-2.00	18.79	-13.00	1103.64	325.19	-832.60	-114.71	-71.51	224.21
25562	-3.33	18.62	-13.00	1088.06	330.99	-873.07	-81.08	-87.73	229.10
25563	-4.64	18.37	-13.00	1070.30	339.61	-912.58	-48.55	-104.96	232.84
25564	-5.93	18.03	-13.00	1050.08	351.10	-950.89	-17.48	-123.06	235.24
25565	-7.20	17.61	-13.00	1027.22	365.37	-987.80	11.78	-141.90	236.14
25566	-8.43	17.11	-13.00	1001.70	382.28	-1023.12	38.83	-161.30	235.44
25567	-9.63	16.54	-13.00	973.59	401.57	-1056.65	63.27	-181.03	233.09
25568	-10.78	15.88	-13.00	943.11	422.97	-1088.24	84.71	-200.88	229.06
25569	-11.89	15.16	-13.00	910.49	446.20	-1117.46	102.84	-220.50	223.34
25570	-16.80	9.56	-13.00	743.84	597.87	-1236.89	118.31	-319.14	151.95
25571	-16.19	10.65	-13.00	764.88	572.44	-1222.19	126.83	-307.83	168.61
25572	-15.51	11.70	-13.00	786.30	545.25	-1205.27	132.15	-295.24	184.59
25573	-15.78	9.48	-13.00	842.15	621.47	-1217.31	93.66	-296.48	147.31
25574	-15.36	10.44	-13.00	847.77	597.81	-1206.35	101.93	-289.07	162.67
25575	-14.89	11.36	-13.00	853.59	572.21	-1193.95	108.27	-280.23	176.49
25576	-14.77	9.41	-13.00	931.39	641.57	-1194.92	69.81	-268.34	139.26
25577	-14.53	10.23	-13.00	923.62	620.11	-1189.42	78.42	-266.58	154.40
25578	-14.27	11.03	-13.00	916.99	596.69	-1182.52	86.20	-260.45	168.18
25579	-12.91	14.38	-13.00	877.63	469.37	-1143.51	117.18	-240.38	218.58
25580	-12.60	13.43	-13.00	941.80	522.99	-1140.82	89.09	-231.38	202.97
25581	-12.30	12.48	-13.00	1001.19	570.93	-1135.63	63.53	-218.93	182.72
25582	-13.85	13.56	-13.00	845.85	494.25	-1166.08	126.66	-259.06	210.08
25583	-13.44	12.81	-13.00	908.82	537.46	-1160.66	99.95	-248.84	196.99
25584	-13.05	12.07	-13.00	967.14	576.33	-1154.13	75.42	-236.00	180.78
25585	-14.73	12.67	-13.00	814.21	518.53	-1186.57	132.31	-277.20	199.92
25586	-14.25	12.15	-13.00	874.99	551.46	-1178.77	107.99	-265.12	189.78
25587	-13.77	11.64	-13.00	931.87	582.05	-1170.82	85.48	-251.87	175.18
25588	-11.67	9.50	-14.33	1402.15	850.60	-1058.84	-2.22	-80.66	48.72
25589	-12.71	9.45	-14.33	1332.24	836.05	-1090.53	22.71	-93.59	54.66
25590	-13.75	9.40	-14.33	1251.30	818.69	-1120.78	48.20	-106.00	58.68
25591	-11.86	10.51	-14.33	1346.96	814.80	-1070.94	18.46	-86.62	57.78
25592	-12.77	10.36	-14.33	1286.43	802.25	-1097.82	41.77	-98.97	63.05
25593	-13.67	10.20	-14.33	1222.49	788.40	-1122.79	64.01	-108.82	66.43
25594	-12.05	11.51	-14.33	1288.64	769.67	-1081.45	40.38	-93.10	66.61
25595	-12.82	11.26	-14.33	1239.97	764.75	-1103.14	58.77	-104.11	69.53
25596	-13.59	10.99	-14.33	1186.82	755.03	-1124.54	79.35	-115.60	74.01
25597	-0.56	9.90	-14.33	1766.05	778.65	-717.25	-177.90	-25.21	20.59
25598	-1.69	9.89	-14.33	1740.64	795.75	-751.33	-162.30	-26.08	21.03
25599	-2.81	9.87	-14.33	1715.43	811.72	-785.46	-147.25	-27.46	21.85
25600	-3.93	9.85	-14.33	1689.78	826.27	-819.66	-132.47	-29.51	23.14
25601	-5.05	9.82	-14.33	1662.82	839.04	-853.90	-117.62	-32.41	24.98
25602	-6.17	9.78	-14.33	1633.50	849.63	-888.20	-102.30	-36.37	27.44
25603	-7.28	9.74	-14.33	1600.54	857.54	-922.54	-86.04	-41.65	30.60
25604	-8.39	9.69	-14.33	1562.40	862.23	-956.92	-68.35	-48.52	34.51
25605	-9.50	9.63	-14.33	1517.32	863.05	-991.34	-48.65	-57.30	39.22
25606	-10.60	9.56	-14.33	1463.56	859.17	-1025.75	-26.31	-68.23	44.93
25607	-0.58	11.69	-14.33	1709.16	756.52	-728.96	-191.95	-20.75	29.29
25608	-1.75	11.67	-14.33	1686.03	771.82	-764.30	-172.26	-22.43	30.13
25609	-2.91	11.62	-14.33	1662.58	785.84	-799.59	-153.04	-24.71	31.38
25610	-4.07	11.55	-14.33	1638.05	798.29	-834.79	-134.02	-27.78	33.09
25611	-5.22	11.46	-14.33	1611.49	808.87	-869.81	-114.90	-31.81	35.33
25612	-6.37	11.35	-14.33	1581.81	817.23	-904.62	-95.37	-36.98	38.09
25613	-7.51	11.21	-14.33	1547.78	823.04	-939.17	-75.09	-43.48	41.39
25614	-8.64	11.06	-14.33	1508.00	825.96	-973.41	-53.74	-51.54	45.19
25615	-9.75	10.88	-14.33	1460.90	825.68	-1007.33	-30.95	-61.49	49.48
25616	-10.86	10.68	-14.33	1404.93	821.75	-1040.95	-6.14	-73.80	54.57
25617	-0.60	13.49	-14.33	1639.83	712.43	-740.56	-202.63	-21.00	42.03
25618	-1.81	13.45	-14.33	1619.14	725.20	-777.15	-178.32	-23.69	43.35
25619	-3.02	13.37	-14.33	1597.53	736.83	-813.56	-154.36	-27.04	45.00
25620	-4.21	13.26	-14.33	1574.17	747.10	-849.66	-130.56	-31.22	47.03
25621	-5.40	13.10	-14.33	1548.11	755.81	-885.34	-106.71	-36.34	49.40
25622	-6.58	12.91	-14.33	1518.33	762.76	-920.52	-82.66	-42.50	52.09
25623	-7.74	12.69	-14.33	1483.79	767.81	-955.12	-58.27	-49.84	55.02
25624	-8.88	12.43	-14.33	1443.33	770.86	-989.06	-33.48	-58.49	58.10
25625	-10.01	12.13	-14.33	1395.70	771.86	-1022.34	-8.27	-68.74	61.22
25626	-11.11	11.80	-14.33	1339.44	770.93	-1054.99	17.62	-81.26	64.86
25627	-0.63	15.29	-14.33	1556.64	638.70	-751.74	-206.56	-22.14	58.10
25628	-1.88	15.23	-14.33	1538.13	648.31	-789.54	-176.97	-25.99	59.92
25629	-3.12	15.12	-14.33	1518.14	657.49	-826.98	-147.68	-30.53	61.88
25630	-4.36	14.96	-14.33	1495.85	666.15	-863.89	-118.64	-35.86	63.97
25631	-5.58	14.75	-14.33	1470.40	674.22	-900.13	-89.82	-42.01	66.11
25632	-6.78	14.48	-14.33	1440.95	681.66	-935.58	-61.27	-49.02	68.24
25633	-7.97	14.16	-14.33	1406.74	688.45	-970.13	-33.10	-56.92	70.27
25634	-9.13	13.80	-14.33	1367.03	694.62	-1003.69	-5.53	-65.74	72.08
25635	-10.27	13.38	-14.33	1321.09	700.23	-1036.19	21.11	-75.67	73.51
25636	-11.37	12.92	-14.33	1267.99	705.44	-1067.63	46.59	-87.36	75.13
25637	-0.65	17.08	-14.33	1458.83	531.48	-761.67	-202.20	-24.34	75.05
25638	-1.94	17.01	-14.33	1441.98	537.54	-800.59	-166.78	-29.31	77.23
25639	-3.22	16.87	-14.33	1423.30	544.65	-838.98	-131.75	-34.94	79.28
25640	-4.50	16.66	-14.33	1402.04	552.87	-876.63	-97.26	-41.22	81.13
25641	-5.75	16.39	-14.33	1377.48	562.26	-913.39	-63.54	-48.14	82.71

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
25642	-6.99	16.04	-14.33	1349.06	572.84	-949.12	-30.85	-55.65	83.94
25643	-8.20	15.64	-14.33	1316.35	584.60	-983.66	0.46	-63.72	84.74
25644	-9.38	15.17	-14.33	1279.04	597.52	-1016.87	29.95	-72.31	85.05
25645	-10.52	14.63	-14.33	1236.96	611.55	-1048.66	57.10	-81.42	84.74
25646	-11.63	14.04	-14.33	1189.83	626.83	-1078.88	81.42	-91.51	84.17
25647	-0.67	18.88	-14.33	1347.07	394.96	-769.92	-188.51	-27.53	88.42
25648	-2.00	18.79	-14.33	1331.38	397.46	-809.87	-147.11	-33.31	90.67
25649	-3.33	18.62	-14.33	1313.80	403.14	-849.10	-106.42	-39.58	92.59
25650	-4.64	18.37	-14.33	1293.70	412.23	-887.41	-66.84	-46.30	94.06
25651	-5.93	18.03	-14.33	1270.58	424.88	-924.62	-28.81	-53.42	95.00
25652	-7.20	17.61	-14.33	1244.14	441.08	-960.54	7.23	-60.88	95.35
25653	-8.43	17.11	-14.33	1214.24	460.69	-995.01	40.75	-68.61	95.09
25654	-9.63	16.54	-14.33	1180.97	483.48	-1027.86	71.18	-76.55	94.20
25655	-10.78	15.88	-14.33	1144.59	509.15	-1058.94	97.88	-84.63	92.68
25656	-11.89	15.16	-14.33	1105.36	537.52	-1088.06	120.20	-92.87	90.52
25657	-16.80	9.56	-14.33	906.42	727.27	-1205.79	139.63	-136.77	64.47
25658	-16.19	10.65	-14.33	936.38	695.40	-1192.09	151.84	-131.50	71.10
25659	-15.51	11.70	-14.33	966.21	663.00	-1175.83	156.11	-128.41	78.32
25660	-15.78	9.48	-14.33	1035.64	764.17	-1178.87	107.25	-130.99	63.88
25661	-15.36	10.44	-14.33	1045.42	733.32	-1169.90	119.57	-128.18	70.42
25662	-14.89	11.36	-14.33	1054.15	701.63	-1159.30	125.30	-127.01	76.77
25663	-14.77	9.41	-14.33	1150.90	795.30	-1150.33	76.38	-121.76	61.66
25664	-14.53	10.23	-14.33	1141.64	766.37	-1146.69	89.44	-121.90	68.80
25665	-14.27	11.03	-14.33	1134.80	736.07	-1141.48	98.35	-121.01	75.86
25666	-12.91	14.38	-14.33	1067.71	567.31	-1114.08	137.62	-102.06	90.52
25667	-12.60	13.43	-14.33	1148.62	643.47	-1104.11	100.78	-101.69	85.74
25668	-12.30	12.48	-14.33	1222.55	710.88	-1092.66	67.53	-99.07	78.50
25669	-13.85	13.56	-14.33	1031.58	600.05	-1136.82	148.47	-110.81	88.24
25670	-13.44	12.81	-14.33	1110.65	662.13	-1125.03	113.39	-110.88	84.85
25671	-13.05	12.07	-14.33	1182.64	716.27	-1112.23	81.95	-108.92	79.50
25672	-14.73	12.67	-14.33	997.08	631.50	-1157.48	154.30	-119.64	85.55
25673	-14.25	12.15	-14.33	1073.36	679.39	-1144.51	122.18	-119.40	83.54
25674	-13.77	11.64	-14.33	1142.41	722.61	-1130.45	93.51	-118.26	77.72
25675	-0.70	20.20	-11.67	827.35	185.15	-798.92	-100.03	-92.27	330.68
25676	-2.10	20.10	-11.67	817.66	187.16	-842.55	-68.75	-116.19	338.86
25677	-3.49	19.90	-11.67	805.98	192.61	-885.59	-38.12	-141.18	345.38
25678	-4.86	19.62	-11.67	792.10	201.57	-927.65	-8.57	-167.20	349.94
25679	-6.20	19.23	-11.67	775.88	213.92	-968.47	19.43	-194.14	352.33
25680	-7.52	18.76	-11.67	757.28	229.55	-1007.82	45.44	-221.78	352.38
25681	-8.80	18.19	-11.67	736.39	248.23	-1045.46	69.01	-249.86	349.96
25682	-10.04	17.54	-11.67	713.39	269.63	-1081.15	89.73	-278.10	344.98
25683	-11.23	16.80	-11.67	688.56	293.37	-1114.66	107.20	-306.18	337.42
25684	-12.37	15.98	-11.67	662.36	319.00	-1145.70	120.95	-333.79	327.34
25685	-13.44	15.08	-11.67	635.40	345.48	-1174.17	131.01	-360.85	315.06
25686	-14.46	14.11	-11.67	607.60	372.47	-1200.11	137.10	-387.45	299.71
25687	-15.40	13.08	-11.67	579.88	399.47	-1223.58	139.10	-412.82	281.46
25688	-16.27	11.98	-11.67	552.65	425.91	-1244.85	136.97	-436.29	259.75
25689	-17.06	10.82	-11.67	526.46	450.80	-1263.83	130.68	-456.99	236.07
25690	-17.76	9.62	-11.67	502.16	473.45	-1280.20	120.74	-475.09	210.58
25691	-0.74	21.03	-11.67	757.21	116.44	-758.55	-81.16	-104.48	309.40
25692	-2.22	20.93	-11.67	747.44	117.68	-803.97	-45.75	-127.78	316.02
25693	-3.69	20.72	-11.67	734.86	123.40	-848.39	-10.76	-151.86	320.81
25694	-5.14	20.41	-11.67	719.23	133.23	-891.68	23.05	-176.74	323.82
25695	-6.57	19.99	-11.67	700.42	147.22	-933.67	55.00	-202.24	324.94
25696	-7.96	19.48	-11.67	678.37	165.31	-974.13	84.49	-228.17	323.98
25697	-9.32	18.87	-11.67	653.25	187.24	-1012.76	110.98	-254.32	320.77
25698	-10.62	18.17	-11.67	625.37	212.61	-1049.31	133.90	-280.47	315.22
25699	-11.88	17.37	-11.67	595.17	240.91	-1083.54	152.72	-306.38	307.33
25700	-13.07	16.49	-11.67	563.27	271.36	-1115.26	166.96	-331.87	297.13
25701	-14.20	15.53	-11.67	530.32	303.10	-1144.33	176.39	-356.79	284.46
25702	-15.26	14.48	-11.67	496.96	335.41	-1170.74	180.89	-380.83	269.14
25703	-16.24	13.37	-11.67	463.85	367.47	-1194.57	180.37	-403.50	250.99
25704	-17.14	12.19	-11.67	431.63	398.54	-1215.86	174.88	-424.20	230.35
25705	-17.95	10.95	-11.67	400.96	427.86	-1234.35	164.58	-442.79	207.77
25706	-18.68	9.66	-11.67	372.54	454.39	-1249.96	149.87	-459.37	183.60
25707	-0.78	21.87	-11.67	687.98	54.71	-717.13	-58.30	-116.86	256.35
25708	-2.35	21.76	-11.67	677.54	57.87	-762.97	-19.68	-136.59	257.83
25709	-3.90	21.54	-11.67	663.65	65.03	-807.61	19.01	-157.15	258.38
25710	-5.43	21.20	-11.67	646.33	76.40	-851.43	56.16	-177.89	258.22
25711	-6.94	20.76	-11.67	625.05	92.42	-894.19	90.88	-198.40	256.95
25712	-8.41	20.20	-11.67	599.78	113.15	-935.34	122.61	-218.72	254.22
25713	-9.83	19.55	-11.67	570.79	138.28	-974.57	150.75	-238.85	249.88
25714	-11.20	18.79	-11.67	538.57	167.31	-1011.60	174.67	-258.68	243.90
25715	-12.52	17.94	-11.67	503.70	199.57	-1046.23	193.75	-278.12	236.26
25716	-13.77	17.00	-11.67	466.93	234.21	-1078.27	207.52	-297.07	226.94
25717	-14.95	15.97	-11.67	429.07	270.30	-1107.60	215.70	-315.39	215.84
25718	-16.06	14.85	-11.67	390.94	306.92	-1134.16	218.12	-332.84	202.85
25719	-17.08	13.67	-11.67	353.33	343.14	-1157.89	214.80	-349.10	187.99
25720	-18.01	12.41	-11.67	317.02	378.11	-1178.69	205.80	-363.97	171.47
25721	-18.85	11.08	-11.67	282.93	410.85	-1196.36	191.27	-377.55	153.64
25722	-19.60	9.70	-11.67	251.95	440.15	-1211.00	171.68	-390.01	134.48
25723	-0.83	22.71	-11.67	620.25	10.24	-696.42	-31.68	-128.82	177.08
25724	-2.47	22.59	-11.67	607.03	15.48	-736.34	8.73	-142.75	168.71
25725	-4.11	22.35	-11.67	592.21	25.07	-778.67	50.30	-158.88	162.47
25726	-5.72	21.99	-11.67	573.91	38.41	-823.04	89.07	-172.91	157.86
25727	-7.30	21.52	-11.67	550.73	56.87	-866.84	124.63	-185.04	153.12
25728	-8.85	20.93	-11.67	522.96	80.32	-908.98	156.68	-196.06	147.89
25729	-10.35	20.23	-11.67	491.16	108.37	-949.10	184.64	-206.24	142.15
25730	-11.79	19.42	-11.67	455.92	140.40	-986.92	207.83	-215.70	135.94
25731	-13.17	18.52	-11.67	417.96	175.65	-1022.22	225.68	-224.52	129.29
25732	-14.48	17.51	-11.67	378.11	213.21	-1054.80	237.74	-232.77	122.18
25733	-15.71	16.41	-11.67	337.28	252.14	-1084.54	243.73	-240.47	114.58
25734	-16.86	15.22	-11.67	296.37	291.44	-1111.28	243.52	-247.59	106.42
25735	-17.92	13.96	-11.67	256.29	330.16	-1134.90	237.14	-254.06	97.75
25736	-18.89	12.62	-11.67	217.91	367.34	-1155.22	224.70	-259.93	88.64
25737	-19.75	11.21	-11.67	182.54	401.85	-1172.00	206.57	-265.49	79.17
25738	-20.51	9.75	-11.67	151.56	432.09	-1185.36	183.17	-271.01	68.94
25739	-0.87	23.55	-11.67	550.80	-1.86	-728.16	0.68	-144.71	66.39
25740	-2.60	23.42	-11.67	535.16	3.13	-758.85	40.45	-150.05	52.51

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
25741	-4.32	23.17	-11.67	519.88	14.58	-797.28	80.43	-160.70	40.00
25742	-6.01	22.78	-11.67	501.89	30.48	-843.89	117.29	-165.94	30.01
25743	-7.67	22.28	-11.67	477.94	51.43	-890.73	150.56	-166.78	20.86
25744	-9.29	21.65	-11.67	449.47	77.20	-935.76	180.01	-165.41	12.50
25745	-10.86	20.91	-11.67	417.12	107.18	-978.72	205.02	-162.28	5.17
25746	-12.37	20.05	-11.67	381.60	140.68	-1019.20	225.03	-157.85	-1.01
25747	-13.81	19.09	-11.67	343.67	176.91	-1056.94	239.56	-152.47	-5.91
25748	-15.18	18.02	-11.67	304.20	214.99	-1091.73	248.27	-146.48	-9.52
25749	-16.47	16.85	-11.67	264.08	254.01	-1123.37	250.97	-140.17	-11.83
25750	-17.66	15.59	-11.67	224.23	293.07	-1151.67	247.63	-133.77	-12.89
25751	-18.76	14.25	-11.67	185.51	331.25	-1176.40	238.31	-127.51	-12.70
25752	-19.76	12.83	-11.67	148.83	367.61	-1197.27	223.15	-121.60	-11.27
25753	-20.65	11.34	-11.67	115.08	401.07	-1213.64	202.55	-116.41	-8.78
25754	-21.43	9.79	-11.67	87.20	430.89	-1224.48	178.13	-112.57	-6.69
25755	-0.70	20.20	-13.00	1022.78	222.73	-784.28	-130.53	-65.41	228.23
25756	-2.10	20.10	-13.00	1009.32	223.44	-827.43	-91.23	-81.65	234.05
25757	-3.49	19.90	-13.00	993.70	228.23	-869.79	-52.96	-98.63	238.80
25758	-4.86	19.62	-13.00	975.48	237.39	-911.14	-16.18	-116.32	242.23
25759	-6.20	19.23	-13.00	954.43	250.96	-951.20	18.69	-134.70	244.13
25760	-7.52	18.76	-13.00	930.51	268.82	-989.77	51.16	-153.64	244.41
25761	-8.80	18.19	-13.00	903.83	290.68	-1026.64	80.70	-172.94	242.99
25762	-10.04	17.54	-13.00	874.60	316.16	-1061.62	106.78	-192.43	239.81
25763	-11.23	16.80	-13.00	843.20	344.80	-1094.48	128.88	-211.87	234.90
25764	-12.37	15.98	-13.00	810.19	376.18	-1124.92	146.36	-231.07	228.40
25765	-13.44	15.08	-13.00	776.40	409.03	-1152.74	159.09	-250.12	220.67
25766	-14.46	14.11	-13.00	741.90	442.55	-1177.92	166.74	-269.25	210.77
25767	-15.40	13.08	-13.00	707.73	475.76	-1200.67	169.45	-287.67	198.52
25768	-16.27	11.98	-13.00	673.85	508.00	-1221.53	167.47	-304.40	183.04
25769	-17.06	10.82	-13.00	640.40	538.76	-1240.40	160.22	-318.70	166.29
25770	-17.76	9.62	-13.00	608.90	567.15	-1256.11	148.47	-331.42	148.87
25771	-0.74	21.03	-13.00	934.44	135.60	-771.99	-106.71	-73.94	211.52
25772	-2.22	20.93	-13.00	920.13	134.48	-818.19	-61.94	-89.92	216.44
25773	-3.69	20.72	-13.00	902.48	138.54	-863.93	-18.58	-106.05	220.42
25774	-5.14	20.41	-13.00	881.12	148.17	-908.24	22.98	-122.76	222.87
25775	-6.57	19.99	-13.00	855.87	163.31	-951.12	62.18	-139.99	223.91
25776	-7.96	19.48	-13.00	826.84	183.80	-992.36	98.44	-157.58	223.47
25777	-9.32	18.87	-13.00	794.25	209.20	-1031.72	131.06	-175.40	221.47
25778	-10.62	18.17	-13.00	758.51	239.01	-1068.96	159.35	-193.27	217.86
25779	-11.88	17.37	-13.00	720.15	272.61	-1103.86	182.62	-211.04	212.69
25780	-13.07	16.49	-13.00	679.94	309.10	-1136.21	200.27	-228.61	206.03
25781	-14.20	15.53	-13.00	638.69	347.37	-1165.86	211.94	-245.95	197.71
25782	-15.26	14.48	-13.00	597.20	386.34	-1192.74	217.52	-262.83	187.51
25783	-16.24	13.37	-13.00	556.13	424.87	-1216.93	217.10	-278.79	175.08
25784	-17.14	12.19	-13.00	515.93	462.15	-1238.49	210.81	-293.16	160.69
25785	-17.95	10.95	-13.00	477.23	497.68	-1257.14	198.42	-306.15	145.08
25786	-18.68	9.66	-13.00	441.36	530.25	-1272.16	180.68	-318.35	128.92
25787	-0.78	21.87	-13.00	847.66	62.44	-755.28	-76.81	-83.21	168.08
25788	-2.35	21.76	-13.00	831.85	61.27	-806.95	-28.49	-95.80	171.82
25789	-3.90	21.54	-13.00	811.99	66.73	-855.14	18.61	-108.91	172.79
25790	-5.43	21.20	-13.00	787.45	77.75	-901.96	63.24	-122.34	173.04
25791	-6.94	20.76	-13.00	758.22	95.17	-947.42	105.00	-135.67	172.44
25792	-8.41	20.20	-13.00	724.49	118.50	-991.07	143.21	-148.97	170.75
25793	-9.83	19.55	-13.00	686.71	147.27	-1032.63	177.10	-162.22	167.96
25794	-11.20	18.79	-13.00	645.41	180.80	-1071.89	205.86	-175.32	164.07
25795	-12.52	17.94	-13.00	601.30	218.31	-1108.62	228.79	-188.21	159.10
25796	-13.77	17.00	-13.00	555.25	258.75	-1142.63	245.30	-200.82	153.03
25797	-14.95	15.97	-13.00	508.21	301.02	-1173.75	255.07	-213.08	145.77
25798	-16.06	14.85	-13.00	461.12	343.91	-1201.88	257.95	-224.80	137.19
25799	-17.08	13.67	-13.00	414.83	386.32	-1226.92	254.03	-235.72	127.26
25800	-18.01	12.41	-13.00	370.15	427.33	-1248.75	243.33	-245.66	116.18
25801	-18.85	11.08	-13.00	328.05	465.96	-1267.23	225.78	-255.09	104.31
25802	-19.60	9.70	-13.00	289.78	500.90	-1281.84	202.28	-264.71	92.00
25803	-0.83	22.71	-13.00	763.39	4.30	-755.59	-44.51	-89.76	112.81
25804	-2.47	22.59	-13.00	745.07	14.98	-802.93	8.15	-98.94	102.84
25805	-4.11	22.35	-13.00	723.40	22.53	-851.22	57.72	-109.30	98.59
25806	-5.72	21.99	-13.00	696.62	36.67	-900.78	103.29	-117.30	95.68
25807	-7.30	21.52	-13.00	664.08	57.16	-948.96	145.02	-123.99	92.51
25808	-8.85	20.93	-13.00	626.83	83.66	-995.06	182.57	-130.11	88.95
25809	-10.35	20.23	-13.00	585.46	115.49	-1038.93	215.11	-135.68	85.17
25810	-11.79	19.42	-13.00	540.63	151.91	-1080.28	241.92	-140.80	81.18
25811	-13.17	18.52	-13.00	493.17	192.01	-1118.88	262.37	-145.53	77.02
25812	-14.48	17.51	-13.00	444.02	234.74	-1154.51	275.98	-149.92	72.70
25813	-15.71	16.41	-13.00	394.19	278.98	-1187.00	282.48	-154.00	68.14
25814	-16.86	15.22	-13.00	344.69	323.60	-1216.19	281.80	-157.74	63.32
25815	-17.92	13.96	-13.00	296.48	367.53	-1241.90	274.00	-161.13	58.25
25816	-18.89	12.62	-13.00	250.54	409.69	-1263.98	259.21	-164.18	52.98
25817	-19.75	11.21	-13.00	208.11	449.01	-1282.26	237.61	-167.47	47.57
25818	-20.51	9.75	-13.00	170.77	483.71	-1296.58	210.08	-172.27	42.05
25819	-0.87	23.55	-13.00	682.97	-9.41	-830.06	-8.13	-88.82	48.81
25820	-2.60	23.42	-13.00	653.60	2.96	-837.24	47.42	-101.13	22.23
25821	-4.32	23.17	-13.00	636.79	15.73	-882.06	97.16	-115.11	13.04
25822	-6.01	22.78	-13.00	608.08	33.69	-937.13	139.76	-115.77	6.13
25823	-7.67	22.28	-13.00	573.85	58.03	-988.73	178.23	-114.81	-0.75
25824	-9.29	21.65	-13.00	535.15	87.62	-1038.74	211.68	-112.07	-6.81
25825	-10.86	20.91	-13.00	492.82	121.79	-1086.21	239.56	-108.11	-11.98
25826	-12.37	20.05	-13.00	447.65	159.67	-1130.95	261.37	-103.22	-16.13
25827	-13.81	19.09	-13.00	400.51	200.33	-1172.66	276.69	-97.67	-19.19
25828	-15.18	18.02	-13.00	352.37	242.78	-1211.10	285.27	-91.74	-21.12
25829	-16.47	16.85	-13.00	304.20	286.02	-1246.05	287.02	-85.64	-21.95
25830	-17.66	15.59	-13.00	256.96	329.07	-1277.28	282.00	-79.58	-21.68
25831	-18.76	14.25	-13.00	211.56	370.98	-1304.60	270.36	-73.71	-20.33
25832	-19.76	12.83	-13.00	168.97	410.83	-1327.78	252.39	-68.17	-17.90
25833	-20.65	11.34	-13.00	129.85	447.64	-1346.25	228.38	-63.39	-14.18
25834	-21.43	9.79	-13.00	97.78	480.01	-1357.43	200.02	-60.22	-10.27
25835	-0.70	20.20	-14.33	1232.30	253.80	-776.59	-166.15	-31.47	92.93
25836	-2.10	20.10	-14.33	1215.86	252.09	-819.20	-117.45	-37.80	95.26
25837	-3.49	19.90	-14.33	1196.89	255.31	-861.07	-69.86	-44.44	97.22
25838	-4.86	19.62	-14.33	1174.75	264.09	-901.85	-24.00	-51.38	98.67
25839	-6.20	19.23	-14.33	1149.04	278.73	-941.37	19.67	-58.63	99.52

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
25840	-7.52	18.76	-14.33	1119.62	299.14	-979.40	60.57	-66.13	99.73
25841	-8.80	18.19	-14.33	1086.61	324.96	-1015.75	98.02	-73.82	99.30
25842	-10.04	17.54	-14.33	1050.31	355.73	-1050.24	131.25	-81.63	98.20
25843	-11.23	16.80	-14.33	1011.19	390.89	-1082.70	159.50	-89.48	96.44
25844	-12.37	15.98	-14.33	970.11	429.99	-1112.88	181.85	-97.30	94.16
25845	-13.44	15.08	-14.33	928.40	471.63	-1140.60	198.17	-105.21	91.74
25846	-14.46	14.11	-14.33	886.07	514.89	-1165.81	207.81	-113.54	88.46
25847	-15.40	13.08	-14.33	844.39	557.52	-1188.54	211.19	-121.78	84.20
25848	-16.27	11.98	-14.33	801.81	597.69	-1209.23	209.66	-128.76	77.58
25849	-17.06	10.82	-14.33	757.67	636.11	-1227.80	201.21	-133.70	70.46
25850	-17.76	9.62	-14.33	716.02	672.34	-1243.04	184.18	-140.27	63.60
25851	-0.74	21.03	-14.33	1122.95	131.41	-781.10	-136.90	-34.40	85.92
25852	-2.22	20.93	-14.33	1104.28	125.92	-828.33	-80.01	-40.68	88.16
25853	-3.69	20.72	-14.33	1081.74	126.52	-874.28	-25.27	-46.95	90.10
25854	-5.14	20.41	-14.33	1054.36	134.72	-919.14	27.00	-53.44	91.35
25855	-6.57	19.99	-14.33	1021.81	150.72	-962.50	76.58	-60.22	91.91
25856	-7.96	19.48	-14.33	984.34	174.03	-1004.21	122.82	-67.16	91.89
25857	-9.32	18.87	-14.33	942.27	203.99	-1044.04	164.71	-74.23	91.22
25858	-10.62	18.17	-14.33	896.10	239.92	-1081.77	201.27	-81.35	89.91
25859	-11.88	17.37	-14.33	846.54	281.04	-1117.21	231.53	-88.45	87.99
25860	-13.07	16.49	-14.33	794.60	326.27	-1150.14	254.70	-95.51	85.51
25861	-14.20	15.53	-14.33	741.29	374.25	-1180.42	270.28	-102.54	82.38
25862	-15.26	14.48	-14.33	687.54	423.60	-1207.88	278.03	-109.45	78.48
25863	-16.24	13.37	-14.33	634.09	472.50	-1232.51	278.05	-115.98	73.51
25864	-17.14	12.19	-14.33	581.45	519.94	-1254.19	270.38	-121.79	67.66
25865	-17.95	10.95	-14.33	530.84	565.18	-1272.78	254.55	-126.92	61.31
25866	-18.68	9.66	-14.33	483.78	607.18	-1287.59	229.62	-133.98	55.02
25867	-0.78	21.87	-14.33	1014.16	37.98	-786.62	-99.11	-37.47	65.63
25868	-2.35	21.76	-14.33	993.93	28.21	-836.19	-35.97	-42.60	67.78
25869	-3.90	21.54	-14.33	968.13	26.41	-887.05	22.42	-47.11	69.56
25870	-5.43	21.20	-14.33	935.19	35.31	-935.54	77.73	-52.25	69.72
25871	-6.94	20.76	-14.33	896.02	53.58	-982.64	130.44	-57.26	69.76
25872	-8.41	20.20	-14.33	851.34	79.93	-1027.79	179.25	-62.38	69.24
25873	-9.83	19.55	-14.33	801.57	113.56	-1070.82	222.85	-67.52	68.28
25874	-11.20	18.79	-14.33	747.33	153.65	-1111.48	260.14	-72.64	66.87
25875	-12.52	17.94	-14.33	689.49	199.18	-1149.56	290.10	-77.70	65.04
25876	-13.77	17.00	-14.33	629.14	248.88	-1184.84	311.99	-82.67	62.77
25877	-14.95	15.97	-14.33	567.44	301.38	-1217.14	325.28	-87.53	60.02
25878	-16.06	14.85	-14.33	505.55	355.13	-1246.30	329.70	-92.19	56.71
25879	-17.08	13.67	-14.33	444.57	408.65	-1272.19	325.21	-96.52	52.84
25880	-18.01	12.41	-14.33	385.70	460.62	-1294.63	311.81	-100.50	48.52
25881	-18.85	11.08	-14.33	330.29	509.62	-1313.62	289.47	-104.16	43.82
25882	-19.60	9.70	-14.33	279.52	554.55	-1328.39	257.24	-110.30	39.12
25883	-0.83	22.71	-14.33	912.28	-4.35	-780.22	-50.20	-44.67	28.02
25884	-2.47	22.59	-14.33	892.34	-21.85	-849.79	13.95	-41.69	37.72
25885	-4.11	22.35	-14.33	862.83	-22.32	-899.74	69.12	-45.99	34.18
25886	-5.72	21.99	-14.33	824.24	-9.54	-953.24	123.84	-47.71	34.12
25887	-7.30	21.52	-14.33	780.20	12.24	-1003.83	175.74	-49.71	32.92
25888	-8.85	20.93	-14.33	730.80	41.81	-1052.53	222.84	-51.53	31.70
25889	-10.35	20.23	-14.33	676.52	78.39	-1098.81	263.95	-53.20	30.39
25890	-11.79	19.42	-14.33	618.09	121.03	-1142.46	298.06	-54.73	29.04
25891	-13.17	18.52	-14.33	556.48	168.60	-1183.22	324.31	-56.13	27.65
25892	-14.48	17.51	-14.33	492.83	219.85	-1220.86	342.07	-57.43	26.21
25893	-15.71	16.41	-14.33	428.37	273.39	-1255.17	350.92	-58.63	24.72
25894	-16.86	15.22	-14.33	364.34	327.80	-1285.97	350.68	-59.73	23.14
25895	-17.92	13.96	-14.33	302.02	381.66	-1313.07	341.36	-60.71	21.49
25896	-18.89	12.62	-14.33	242.67	433.61	-1336.31	323.09	-61.64	19.81
25897	-19.75	11.21	-14.33	187.51	482.15	-1355.63	296.10	-62.52	17.96
25898	-20.51	9.75	-14.33	137.07	525.74	-1370.60	259.38	-67.12	16.05
25899	-0.87	23.55	-14.33	806.18	-6.33	-900.06	13.20	-2.60	36.05
25900	-2.60	23.42	-14.33	802.03	-10.35	-854.23	64.56	-53.90	-6.62
25901	-4.32	23.17	-14.33	765.13	-2.96	-925.94	116.65	-50.54	-2.95
25902	-6.01	22.78	-14.33	723.59	17.51	-980.08	167.24	-49.91	-6.91
25903	-7.67	22.28	-14.33	677.18	44.42	-1035.24	212.81	-48.12	-9.76
25904	-9.29	21.65	-14.33	626.45	77.89	-1087.55	252.39	-45.74	-12.25
25905	-10.86	20.91	-14.33	572.06	116.76	-1137.36	285.29	-42.85	-14.27
25906	-12.37	20.05	-14.33	514.87	160.04	-1184.24	310.89	-39.59	-15.73
25907	-13.81	19.09	-14.33	455.86	206.65	-1227.95	328.76	-36.08	-16.61
25908	-15.18	18.02	-14.33	396.10	255.41	-1268.20	338.62	-32.44	-16.91
25909	-16.47	16.85	-14.33	336.70	305.18	-1304.78	340.39	-28.79	-16.61
25910	-17.66	15.59	-14.33	278.75	354.80	-1337.46	334.13	-25.22	-15.74
25911	-18.76	14.25	-14.33	223.34	403.16	-1366.03	320.06	-21.81	-14.29
25912	-19.76	12.83	-14.33	171.49	449.23	-1390.33	298.51	-18.70	-12.29
25913	-20.65	11.34	-14.33	124.11	492.05	-1410.16	270.02	-15.41	-9.70
25914	-21.43	9.79	-14.33	81.50	530.31	-1423.39	233.77	-15.60	-5.63
25915	20.06	-2.50	-11.67	1738.43	230.72	-278.78	111.05	581.96	-6.78
25916	19.98	-3.10	-11.67	1734.23	220.98	-274.20	138.73	575.63	-6.57
25917	20.91	-2.50	-11.67	1752.59	307.07	-256.06	83.88	716.07	13.03
25918	20.83	-3.10	-11.67	1753.82	296.90	-252.06	106.74	711.98	17.36
25919	21.75	-2.50	-11.67	1837.42	437.58	-157.25	49.05	845.30	43.10
25920	21.68	-3.10	-11.67	1842.79	432.25	-155.85	68.90	843.93	57.02
25921	22.60	-2.50	-11.67	2072.62	625.55	119.05	12.43	1131.70	74.17
25922	22.52	-3.10	-11.67	2080.40	629.95	114.59	40.05	1132.60	111.86
25923	23.44	-2.50	-11.67	2374.76	1019.16	2021.66	11.68	1883.95	168.96
25924	23.37	-3.10	-11.67	2387.58	1029.59	2007.17	67.69	1896.37	286.34
25925	20.06	-2.50	-13.00	1887.85	190.07	-154.55	158.29	459.64	-9.46
25926	19.98	-3.10	-13.00	1885.11	181.69	-152.30	195.42	454.36	-10.01
25927	20.91	-2.50	-13.00	1734.82	222.70	-134.17	135.22	617.65	-1.76
25928	20.83	-3.10	-13.00	1738.38	213.48	-131.91	168.56	614.10	-0.17
25929	21.75	-2.50	-13.00	1555.81	303.01	-49.54	105.18	789.39	13.39
25930	21.68	-3.10	-13.00	1563.96	297.41	-48.22	133.25	788.60	19.53
25931	22.60	-2.50	-13.00	1234.52	458.30	458.00	85.36	968.27	52.52
25932	22.52	-3.10	-13.00	1245.12	460.16	456.34	114.70	971.25	73.84
25933	23.44	-2.50	-13.00	267.84	531.53	666.27	80.98	426.98	176.01
25934	23.37	-3.10	-13.00	276.65	547.05	664.33	105.35	438.07	227.11
25935	20.06	-2.50	-14.33	2093.64	146.86	-52.26	209.82	176.07	0.17
25936	19.98	-3.10	-14.33	2093.01	134.20	-51.67	263.04	173.68	-0.73
25937	20.91	-2.50	-14.33	1714.90	116.37	-19.04	195.73	268.68	-0.71
25938	20.83	-3.10	-14.33	1722.87	102.36	-18.09	246.70	266.99	-1.73

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
25939	21.75	-2.50	-14.33	1158.65	108.24	63.68	178.60	366.76	2.72
25940	21.68	-3.10	-14.33	1172.49	96.60	64.54	226.04	366.34	2.83
25941	22.60	-2.50	-14.33	480.30	145.98	221.73	152.04	283.41	30.53
25942	22.52	-3.10	-14.33	494.52	142.41	222.15	194.86	285.24	36.82
25943	23.44	-2.50	-14.33	100.32	301.66	228.96	80.70	4.00	85.50
25944	23.37	-3.10	-14.33	107.75	312.25	229.04	108.70	8.72	104.12
25945	0.61	-2.50	-11.67	1375.79	428.92	-626.17	37.46	-67.67	-48.90
25946	0.61	-3.10	-11.67	1367.78	423.30	-622.96	46.16	-67.18	-53.33
25947	1.84	-2.50	-11.67	1408.63	410.84	-589.06	44.62	-67.28	-49.08
25948	1.83	-3.10	-11.67	1400.09	405.50	-585.98	54.50	-66.82	-53.60
25949	3.07	-2.50	-11.67	1441.75	391.87	-552.71	52.09	-67.11	-49.05
25950	3.06	-3.10	-11.67	1432.63	386.88	-549.75	63.22	-66.67	-53.65
25951	4.30	-2.50	-11.67	1475.43	372.09	-517.43	59.85	-66.59	-48.78
25952	4.28	-3.10	-11.67	1465.67	367.49	-514.62	72.32	-66.19	-53.49
25953	5.52	-2.50	-11.67	1509.86	351.59	-483.67	67.89	-64.95	-48.28
25954	5.50	-3.10	-11.67	1499.40	347.43	-481.00	81.77	-64.59	-53.09
25955	6.75	-2.50	-11.67	1545.05	330.48	-451.94	76.19	-61.09	-47.54
25956	6.72	-3.10	-11.67	1533.82	326.81	-449.38	91.57	-60.81	-52.45
25957	7.98	-2.50	-11.67	1580.79	308.91	-422.76	84.69	-53.64	-46.57
25958	7.94	-3.10	-11.67	1568.74	305.75	-420.29	101.65	-53.49	-51.57
25959	9.21	-2.50	-11.67	1616.57	287.12	-396.61	93.32	-40.91	-45.37
25960	9.17	-3.10	-11.67	1603.68	284.48	-394.18	111.94	-40.97	-50.46
25961	10.43	-2.50	-11.67	1651.57	265.43	-373.87	101.94	-20.98	-43.95
25962	10.39	-3.10	-11.67	1637.85	263.27	-371.40	122.28	-21.37	-49.11
25963	11.66	-2.50	-11.67	1684.58	244.31	-354.70	110.33	8.22	-42.28
25964	11.61	-3.10	-11.67	1670.11	242.52	-352.11	132.46	7.36	-47.49
25965	12.89	-2.50	-11.67	1714.00	224.44	-338.94	118.19	48.75	-40.30
25966	12.83	-3.10	-11.67	1698.96	222.85	-336.15	142.12	47.23	-45.53
25967	14.12	-2.50	-11.67	1737.90	206.78	-326.07	125.07	102.46	-37.89
25968	14.05	-3.10	-11.67	1722.62	205.10	-322.97	150.78	100.05	-43.05
25969	15.34	-2.50	-11.67	1754.22	192.69	-315.20	130.35	170.60	-34.82
25970	15.28	-3.10	-11.67	1739.21	190.51	-311.73	157.72	167.10	-39.74
25971	16.57	-2.50	-11.67	1761.26	184.05	-305.39	133.13	253.49	-30.77
25972	16.50	-3.10	-11.67	1747.24	180.83	-301.53	161.90	248.77	-35.17
25973	17.80	-2.50	-11.67	1758.62	183.54	-296.24	132.16	350.08	-25.36
25974	17.72	-3.10	-11.67	1746.58	178.62	-292.02	161.84	344.17	-28.85
25975	19.03	-2.50	-11.67	1748.91	195.04	-288.23	125.88	457.19	-18.11
25976	18.94	-3.10	-11.67	1740.05	187.80	-283.74	155.50	450.45	-20.19
25977	0.61	-2.50	-13.00	1629.57	539.85	-618.30	46.25	-51.02	-27.58
25978	0.61	-3.10	-13.00	1620.72	533.78	-615.67	56.71	-50.69	-30.37
25979	1.84	-2.50	-13.00	1668.34	518.17	-581.36	54.51	-52.38	-27.80
25980	1.83	-3.10	-13.00	1658.85	512.40	-578.89	66.24	-52.05	-30.65
25981	3.07	-2.50	-13.00	1709.26	495.76	-544.74	63.19	-53.84	-27.90
25982	3.06	-3.10	-13.00	1699.04	490.35	-542.41	76.30	-53.52	-30.83
25983	4.30	-2.50	-13.00	1752.51	472.63	-508.56	72.31	-55.01	-27.87
25984	4.28	-3.10	-13.00	1741.49	467.64	-506.40	86.90	-54.70	-30.87
25985	5.52	-2.50	-13.00	1798.09	448.81	-473.04	81.87	-55.32	-27.70
25986	5.50	-3.10	-13.00	1786.16	444.29	-471.03	98.07	-55.03	-30.80
25987	6.75	-2.50	-13.00	1845.67	424.28	-438.38	91.88	-53.99	-27.41
25988	6.72	-3.10	-13.00	1832.76	420.28	-436.51	109.82	-53.74	-30.60
25989	7.98	-2.50	-13.00	1894.56	399.06	-404.82	102.30	-50.02	-26.99
25990	7.94	-3.10	-13.00	1880.60	395.60	-403.09	122.13	-49.84	-30.28
25991	9.21	-2.50	-13.00	1943.57	373.16	-372.58	113.09	-42.16	-26.47
25992	9.17	-3.10	-13.00	1928.55	370.26	-370.96	134.95	-42.12	-29.85
25993	10.43	-2.50	-13.00	1990.94	346.61	-341.84	124.13	-29.00	-25.84
25994	10.39	-3.10	-13.00	1974.88	344.24	-340.30	148.17	-29.18	-29.32
25995	11.66	-2.50	-13.00	2034.25	319.56	-312.69	135.21	-8.96	-25.08
25996	11.61	-3.10	-13.00	2017.30	317.64	-311.18	161.57	-9.47	-28.66
25997	12.89	-2.50	-13.00	2070.37	292.27	-285.09	145.99	19.56	-24.16
25998	12.83	-3.10	-13.00	2052.80	290.64	-283.58	174.76	18.56	-27.81
25999	14.12	-2.50	-13.00	2095.47	265.25	-258.89	155.97	58.10	-22.97
26000	14.05	-3.10	-13.00	2077.75	263.66	-257.34	187.19	56.44	-26.63
26001	15.34	-2.50	-13.00	2105.11	239.39	-233.88	164.41	108.00	-21.38
26002	15.28	-3.10	-13.00	2087.95	237.47	-232.25	198.01	105.51	-24.92
26003	16.57	-2.50	-13.00	2094.48	216.08	-210.02	170.35	170.43	-19.25
26004	16.50	-3.10	-13.00	2078.86	213.34	-208.27	206.07	166.97	-22.47
26005	17.80	-2.50	-13.00	2058.89	197.40	-187.77	172.56	246.55	-16.56
26006	17.72	-3.10	-13.00	2046.06	193.26	-185.89	209.88	242.11	-19.18
26007	19.03	-2.50	-13.00	1994.58	186.31	-169.18	169.54	338.12	-13.46
26008	18.94	-3.10	-13.00	1986.01	180.21	-167.15	207.60	332.85	-15.22
26009	0.61	-2.50	-14.33	1886.87	662.97	-615.69	51.63	-36.48	-1.66
26010	0.61	-3.10	-14.33	1876.57	651.95	-613.24	69.83	-36.41	-2.15
26011	1.84	-2.50	-14.33	1931.39	637.66	-578.81	61.08	-37.54	-1.76
26012	1.83	-3.10	-14.33	1920.30	626.94	-576.53	80.62	-37.46	-2.30
26013	3.07	-2.50	-14.33	1980.35	611.83	-541.99	71.09	-38.64	-1.82
26014	3.06	-3.10	-14.33	1968.39	601.47	-539.88	92.10	-38.56	-2.42
26015	4.30	-2.50	-14.33	2034.02	585.43	-505.25	81.68	-39.66	-1.84
26016	4.28	-3.10	-14.33	2021.06	575.50	-503.32	104.32	-39.57	-2.49
26017	5.52	-2.50	-14.33	2092.36	558.40	-468.66	92.89	-40.37	-1.80
26018	5.50	-3.10	-14.33	2078.29	548.95	-466.90	117.33	-40.28	-2.52
26019	6.75	-2.50	-14.33	2154.95	530.63	-432.24	104.73	-40.49	-1.73
26020	6.72	-3.10	-14.33	2139.64	521.71	-430.65	131.15	-40.40	-2.51
26021	7.98	-2.50	-14.33	2220.79	501.95	-396.05	117.22	-39.60	-1.62
26022	7.94	-3.10	-14.33	2204.16	493.61	-394.64	145.82	-39.53	-2.46
26023	9.21	-2.50	-14.33	2288.17	472.16	-360.14	130.31	-37.23	-1.47
26024	9.17	-3.10	-14.33	2270.17	464.42	-358.90	161.33	-37.20	-2.39
26025	10.43	-2.50	-14.33	2354.46	441.01	-324.56	143.93	-32.77	-1.30
26026	10.39	-3.10	-14.33	2335.15	433.84	-323.48	177.60	-32.82	-2.31
26027	11.66	-2.50	-14.33	2416.02	408.23	-289.33	157.88	-25.59	-1.10
26028	11.61	-3.10	-14.33	2395.56	401.56	-288.40	194.43	-25.75	-2.19
26029	12.89	-2.50	-14.33	2468.02	373.62	-254.44	171.83	-15.00	-0.86
26030	12.83	-3.10	-14.33	2446.76	367.30	-253.65	211.45	-15.34	-2.04
26031	14.12	-2.50	-14.33	2504.36	337.11	-219.87	185.22	-0.30	-0.54
26032	14.05	-3.10	-14.33	2482.95	330.89	-219.21	228.07	-0.90	-1.79
26033	15.34	-2.50	-14.33	2517.64	298.93	-185.61	197.27	19.16	-0.10
26034	15.28	-3.10	-14.33	2497.02	292.44	-185.06	243.36	18.22	-1.40
26035	16.57	-2.50	-14.33	2498.98	259.75	-151.69	206.90	44.11	0.49
26036	16.50	-3.10	-14.33	2480.53	252.50	-151.22	256.05	42.76	-0.79
26037	17.80	-2.50	-14.33	2437.76	220.85	-118.38	212.85	75.55	1.17



Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
26038	17.72	-3.10	-14.33	2423.23	212.21	-117.97	264.56	73.75	0.03
26039	19.03	-2.50	-14.33	2320.82	183.93	-85.65	214.31	115.11	1.43
26040	18.94	-3.10	-14.33	2312.28	173.52	-85.25	267.42	112.87	0.55
26041	-0.61	-2.50	-11.67	1342.89	446.06	-663.80	30.61	-68.63	-48.54
26042	-1.84	-2.50	-11.67	1309.55	462.19	-701.91	24.07	-70.42	-48.04
26043	-3.07	-2.50	-11.67	1275.44	477.26	-740.59	17.84	-73.26	-47.45
26044	-4.30	-2.50	-11.67	1240.22	491.20	-780.14	11.94	-77.45	-46.86
26045	-5.52	-2.50	-11.67	1203.58	503.93	-820.99	6.35	-83.45	-46.36
26046	-6.75	-2.50	-11.67	1165.25	515.37	-863.75	1.09	-91.94	-46.06
26047	-7.98	-2.50	-11.67	1124.93	525.40	-909.11	-3.88	-103.90	-46.09
26048	-9.21	-2.50	-11.67	1082.32	533.91	-957.72	-8.57	-120.68	-46.60
26049	-10.43	-2.50	-11.67	1036.96	540.74	-1009.95	-13.04	-143.87	-47.70
26050	-11.66	-2.50	-11.67	988.16	545.76	-1065.55	-17.39	-175.18	-49.48
26051	-12.89	-2.50	-11.67	934.82	548.84	-1123.18	-21.76	-216.02	-51.95
26052	-14.12	-2.50	-11.67	875.25	549.84	-1179.97	-26.31	-266.78	-54.92
26053	-15.34	-2.50	-11.67	807.25	548.68	-1231.46	-31.25	-325.92	-57.99
26054	-16.57	-2.50	-11.67	728.58	545.33	-1272.16	-36.66	-389.00	-60.44
26055	-17.80	-2.50	-11.67	638.03	539.85	-1297.12	-42.45	-448.48	-61.33
26056	-19.03	-2.50	-11.67	536.93	532.55	-1303.61	-48.21	-494.25	-59.61
26057	-0.61	-3.10	-11.67	1335.37	440.20	-660.50	38.19	-68.12	-52.90
26058	-1.83	-3.10	-11.67	1302.52	456.15	-698.54	30.60	-69.89	-52.35
26059	-3.06	-3.10	-11.67	1268.87	471.07	-737.19	23.39	-72.73	-51.76
26060	-4.28	-3.10	-11.67	1234.10	484.91	-776.73	16.55	-76.95	-51.21
26061	-5.50	-3.10	-11.67	1197.92	497.59	-817.59	10.09	-82.99	-50.83
26062	-6.72	-3.10	-11.67	1160.05	509.00	-860.36	3.98	-91.55	-50.75
26063	-7.94	-3.10	-11.67	1120.21	519.05	-905.69	-1.77	-103.59	-51.13
26064	-9.17	-3.10	-11.67	1078.08	527.60	-954.22	-7.22	-120.43	-52.13
26065	-10.39	-3.10	-11.67	1033.21	534.52	-1006.25	-12.45	-143.61	-53.92
26066	-11.61	-3.10	-11.67	984.93	539.64	-1061.52	-17.56	-174.81	-56.58
26067	-12.83	-3.10	-11.67	932.13	542.82	-1118.66	-22.74	-215.36	-60.11
26068	-14.05	-3.10	-11.67	873.17	543.92	-1174.84	-28.21	-265.61	-64.31
26069	-15.28	-3.10	-11.67	805.90	542.83	-1225.70	-34.21	-324.00	-68.67
26070	-16.50	-3.10	-11.67	728.15	539.53	-1265.90	-40.87	-386.19	-72.32
26071	-17.72	-3.10	-11.67	638.77	534.10	-1290.66	-48.06	-444.83	-74.12
26072	-18.94	-3.10	-11.67	539.01	526.89	-1297.33	-55.31	-490.06	-72.77
26073	-0.61	-2.50	-13.00	1592.60	560.78	-655.45	38.40	-50.03	-27.27
26074	-1.84	-2.50	-13.00	1557.01	580.93	-692.81	30.92	-49.58	-26.88
26075	-3.07	-2.50	-13.00	1522.31	600.23	-730.42	23.81	-49.87	-26.47
26076	-4.30	-2.50	-13.00	1487.94	618.61	-768.40	17.03	-51.14	-26.08
26077	-5.52	-2.50	-13.00	1453.26	635.95	-806.98	10.53	-53.76	-25.81
26078	-6.75	-2.50	-13.00	1417.47	652.07	-846.42	4.26	-58.33	-25.73
26079	-7.98	-2.50	-13.00	1379.57	666.71	-887.03	-1.86	-65.66	-25.95
26080	-9.21	-2.50	-13.00	1338.28	679.53	-929.11	-7.90	-76.82	-26.56
26081	-10.43	-2.50	-13.00	1291.98	690.07	-972.81	-14.00	-93.08	-27.66
26082	-11.66	-2.50	-13.00	1238.62	697.76	-1017.99	-20.27	-115.69	-29.28
26083	-12.89	-2.50	-13.00	1175.84	701.94	-1064.01	-26.83	-145.55	-31.39
26084	-14.12	-2.50	-13.00	1101.05	701.97	-1109.57	-33.79	-182.65	-33.82
26085	-15.34	-2.50	-13.00	1011.94	697.25	-1152.73	-41.15	-225.47	-36.21
26086	-16.57	-2.50	-13.00	907.09	687.43	-1191.17	-48.79	-270.55	-38.07
26087	-17.80	-2.50	-13.00	786.83	672.53	-1222.66	-56.41	-312.40	-38.80
26088	-19.03	-2.50	-13.00	653.66	653.04	-1246.56	-63.40	-344.74	-37.83
26089	-0.61	-3.10	-13.00	1584.33	554.45	-652.70	47.68	-49.70	-30.00
26090	-1.83	-3.10	-13.00	1549.27	574.38	-689.93	39.10	-49.26	-29.58
26091	-3.06	-3.10	-13.00	1515.06	593.50	-727.44	30.95	-49.56	-29.17
26092	-4.28	-3.10	-13.00	1481.14	611.73	-765.33	23.18	-50.88	-28.84
26093	-5.50	-3.10	-13.00	1446.87	628.95	-803.82	15.73	-53.57	-28.67
26094	-6.72	-3.10	-13.00	1411.46	644.95	-843.17	8.53	-58.22	-28.79
26095	-7.94	-3.10	-13.00	1373.94	659.50	-883.69	1.49	-65.63	-29.30
26096	-9.17	-3.10	-13.00	1333.04	672.23	-925.64	-5.51	-76.86	-30.34
26097	-10.39	-3.10	-13.00	1287.15	682.69	-969.16	-12.62	-93.13	-31.99
26098	-11.61	-3.10	-13.00	1234.28	690.31	-1014.10	-20.00	-115.66	-34.32
26099	-12.83	-3.10	-13.00	1172.10	694.45	-1059.81	-27.81	-145.28	-37.27
26100	-14.05	-3.10	-13.00	1098.11	694.45	-1105.01	-36.17	-181.97	-40.63
26101	-15.28	-3.10	-13.00	1010.05	689.74	-1147.80	-45.11	-224.23	-43.99
26102	-16.50	-3.10	-13.00	906.56	679.99	-1185.93	-54.49	-268.63	-46.72
26103	-17.72	-3.10	-13.00	787.92	665.26	-1217.24	-63.96	-309.86	-48.11
26104	-18.94	-3.10	-13.00	656.51	646.04	-1241.12	-72.77	-341.80	-47.42
26105	-0.61	-2.50	-14.33	1846.37	687.78	-652.61	42.70	-35.57	-1.52
26106	-1.84	-2.50	-14.33	1809.34	712.09	-689.58	34.26	-34.86	-1.35
26107	-3.07	-2.50	-14.33	1775.19	735.87	-726.59	26.26	-34.41	-1.18
26108	-4.30	-2.50	-14.33	1743.18	759.09	-763.68	18.66	-34.31	-1.03
26109	-5.52	-2.50	-14.33	1712.45	781.60	-800.89	11.36	-34.72	-0.93
26110	-6.75	-2.50	-14.33	1681.86	803.20	-838.29	4.28	-35.87	-0.91
26111	-7.98	-2.50	-14.33	1649.86	823.53	-875.95	-2.73	-38.11	-1.02
26112	-9.21	-2.50	-14.33	1614.29	842.03	-913.94	-9.83	-41.92	-1.30
26113	-10.43	-2.50	-14.33	1572.31	857.91	-952.28	-17.22	-47.85	-1.80
26114	-11.66	-2.50	-14.33	1520.27	870.14	-990.96	-25.12	-56.48	-2.53
26115	-12.89	-2.50	-14.33	1453.87	877.44	-1029.84	-33.71	-68.22	-3.48
26116	-14.12	-2.50	-14.33	1368.59	878.41	-1068.64	-43.12	-83.10	-4.59
26117	-15.34	-2.50	-14.33	1260.43	871.70	-1106.94	-53.32	-100.52	-5.70
26118	-16.57	-2.50	-14.33	1127.10	856.29	-1144.21	-64.08	-119.04	-6.61
26119	-17.80	-2.50	-14.33	969.24	831.81	-1180.00	-74.93	-136.29	-7.04
26120	-19.03	-2.50	-14.33	791.73	798.81	-1213.25	-85.27	-148.84	-7.22
26121	-0.61	-3.10	-14.33	1836.74	676.50	-650.00	59.68	-35.50	-1.96
26122	-1.83	-3.10	-14.33	1800.33	700.60	-686.80	50.12	-34.79	-1.77
26123	-3.06	-3.10	-14.33	1766.70	724.21	-723.66	41.09	-34.35	-1.57
26124	-4.28	-3.10	-14.33	1735.15	747.26	-760.59	32.51	-34.27	-1.41
26125	-5.50	-3.10	-14.33	1704.81	769.63	-797.66	24.28	-34.70	-1.32
26126	-6.72	-3.10	-14.33	1674.54	791.08	-834.91	16.27	-35.89	-1.35
26127	-7.94	-3.10	-14.33	1642.81	811.23	-872.41	8.30	-38.18	-1.55
26128	-9.17	-3.10	-14.33	1607.50	829.54	-910.24	0.16	-42.02	-1.98
26129	-10.39	-3.10	-14.33	1565.79	845.20	-948.41	-8.40	-47.97	-2.67
26130	-11.61	-3.10	-14.33	1514.12	857.19	-986.91	-17.66	-56.56	-3.67
26131	-12.83	-3.10	-14.33	1448.29	864.25	-1025.59	-27.85	-68.21	-4.94
26132	-14.05	-3.10	-14.33	1363.88	865.02	-1064.17	-39.13	-82.92	-6.41
26133	-15.28	-3.10	-14.33	1257.03	858.18	-1102.25	-51.49	-100.10	-7.91
26134	-16.50	-3.10	-14.33	1125.48	842.78	-1139.33	-64.66	-118.33	-9.18
26135	-17.72	-3.10	-14.33	969.86	818.48	-1174.95	-78.10	-135.29	-9.93
26136	-18.94	-3.10	-14.33	794.92	786.07	-1208.02	-91.30	-147.59	-10.31

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
26137	-23.44	-2.50	-11.67	15.97	483.42	-1215.25	-48.85	-103.25	24.14
26138	-23.37	-3.10	-11.67	18.73	479.48	-1211.17	-59.50	-103.90	25.21
26139	-22.60	-2.50	-11.67	68.89	493.05	-1180.88	-56.61	-272.89	-0.07
26140	-22.52	-3.10	-11.67	71.95	488.54	-1176.67	-68.06	-272.32	-3.46
26141	-21.75	-2.50	-11.67	162.39	501.61	-1209.69	-59.35	-405.97	-22.12
26142	-21.68	-3.10	-11.67	165.74	496.78	-1205.03	-70.59	-404.02	-29.56
26143	-20.91	-2.50	-11.67	281.28	511.77	-1252.62	-58.21	-488.93	-40.39
26144	-20.83	-3.10	-11.67	284.68	506.57	-1247.44	-68.55	-485.78	-51.07
26145	-20.06	-2.50	-11.67	415.01	522.92	-1288.14	-53.88	-514.89	-53.34
26146	-19.98	-3.10	-11.67	418.09	517.45	-1282.36	-62.66	-510.87	-65.98
26147	-23.44	-2.50	-13.00	17.29	533.99	-1346.81	-54.94	-53.35	23.87
26148	-23.37	-3.10	-13.00	20.40	530.18	-1342.78	-67.49	-54.07	24.36
26149	-22.60	-2.50	-13.00	72.46	549.99	-1292.96	-66.55	-174.35	5.22
26150	-22.52	-3.10	-13.00	76.08	545.17	-1288.61	-79.67	-174.08	3.14
26151	-21.75	-2.50	-13.00	179.97	570.46	-1281.19	-72.54	-276.76	-11.52
26152	-21.68	-3.10	-13.00	184.19	565.12	-1276.53	-85.99	-275.42	-16.80
26153	-20.91	-2.50	-13.00	326.58	597.55	-1275.29	-73.15	-339.67	-24.70
26154	-20.83	-3.10	-13.00	330.98	591.50	-1270.33	-85.91	-337.47	-32.44
26155	-20.06	-2.50	-13.00	496.56	627.41	-1264.20	-69.46	-359.21	-33.73
26156	-19.98	-3.10	-13.00	500.65	620.82	-1258.92	-80.63	-356.39	-42.95
26157	-23.44	-2.50	-14.33	-21.02	593.80	-1413.39	-66.22	-20.79	21.73
26158	-23.37	-3.10	-14.33	-17.95	584.72	-1409.26	-73.80	-21.32	21.69
26159	-22.60	-2.50	-14.33	11.68	610.79	-1366.44	-88.00	-74.20	8.26
26160	-22.52	-3.10	-14.33	16.26	602.24	-1361.77	-99.49	-74.09	8.34
26161	-21.75	-2.50	-14.33	137.84	647.50	-1327.41	-97.63	-120.69	1.74
26162	-21.68	-3.10	-14.33	143.39	637.63	-1322.56	-110.28	-120.08	0.11
26163	-20.91	-2.50	-14.33	336.02	698.12	-1290.20	-98.83	-147.47	-3.80
26164	-20.83	-3.10	-14.33	341.68	687.39	-1285.15	-110.64	-146.51	-6.34
26165	-20.06	-2.50	-14.33	573.12	752.83	-1250.32	-93.94	-155.35	-6.91
26166	-19.98	-3.10	-14.33	578.14	741.14	-1245.08	-103.24	-154.11	-10.00
26167	18.86	-7.26	-11.67	1550.10	164.47	-220.78	395.37	464.03	15.98
26168	19.75	-7.26	-11.67	1598.51	183.94	-188.49	391.71	615.66	85.51
26169	20.64	-7.26	-11.67	1744.35	249.52	-99.76	351.62	792.76	180.29
26170	21.53	-7.26	-11.67	2093.75	470.75	125.82	224.10	1157.98	234.10
26171	22.42	-7.26	-11.67	2551.46	1143.10	1884.68	126.48	2056.28	419.77
26172	19.24	-6.18	-11.67	1633.50	167.81	-237.40	324.49	507.57	9.56
26173	20.12	-6.18	-11.67	1689.07	206.05	-210.45	295.15	660.76	61.99
26174	20.99	-6.18	-11.67	1828.86	324.49	-123.19	217.41	826.86	125.79
26175	21.87	-6.18	-11.67	2110.16	613.56	100.38	86.76	1140.98	160.52
26176	22.75	-6.17	-11.67	2445.05	1237.43	1776.77	55.48	1913.78	369.41
26177	19.56	-5.08	-11.67	1689.76	183.36	-253.03	250.70	540.26	1.52
26178	20.42	-5.08	-11.67	1734.91	243.66	-229.34	209.40	688.17	40.23
26179	21.29	-5.08	-11.67	1844.70	390.82	-143.09	139.07	833.79	93.44
26180	22.15	-5.07	-11.67	2079.23	671.92	80.17	66.52	1109.82	154.44
26181	23.02	-5.07	-11.67	2380.92	1214.31	1755.93	104.00	1841.34	419.14
26182	19.82	-3.96	-11.67	1721.29	204.96	-266.00	183.50	562.96	-4.49
26183	20.67	-3.96	-11.67	1750.93	277.58	-243.77	145.33	703.81	25.24
26184	21.53	-3.96	-11.67	1844.23	422.33	-153.29	97.05	838.49	73.87
26185	22.38	-3.96	-11.67	2075.70	655.59	93.55	65.38	1116.70	146.90
26186	23.24	-3.96	-11.67	2379.45	1105.03	1887.20	118.12	1866.50	403.09
26187	18.86	-7.26	-13.00	1734.59	159.55	-126.66	498.83	351.37	12.15
26188	19.75	-7.26	-13.00	1640.07	154.01	-96.61	496.72	506.21	62.82
26189	20.64	-7.26	-13.00	1536.54	200.84	-20.02	453.23	706.55	132.07
26190	21.53	-7.26	-13.00	1300.42	382.96	452.62	385.82	965.03	215.83
26191	22.42	-7.26	-13.00	352.49	641.06	608.60	329.46	521.52	440.48
26192	19.24	-6.18	-13.00	1804.04	150.36	-133.89	419.89	392.33	4.94
26193	20.12	-6.18	-13.00	1703.17	156.46	-108.29	397.55	556.89	38.47
26194	20.99	-6.18	-13.00	1581.16	229.24	-26.94	335.97	757.65	79.26
26195	21.87	-6.18	-13.00	1302.86	438.07	451.46	271.83	983.02	142.81
26196	22.75	-6.17	-13.00	340.31	650.80	620.26	243.74	504.48	384.99
26197	19.56	-5.08	-13.00	1850.19	154.96	-141.28	335.54	422.98	-3.28
26198	20.42	-5.08	-13.00	1732.79	174.61	-118.76	303.54	588.42	17.26
26199	21.29	-5.08	-13.00	1585.22	263.08	-37.83	245.62	777.34	45.61
26200	22.15	-5.07	-13.00	1279.36	469.72	439.94	204.03	973.63	114.11
26201	23.02	-5.07	-13.00	315.83	624.69	624.92	189.77	475.11	346.07
26202	19.82	-3.96	-13.00	1875.31	168.85	-147.95	253.77	443.33	-8.62
26203	20.67	-3.96	-13.00	1740.12	197.18	-127.09	222.69	605.75	4.72
26204	21.53	-3.96	-13.00	1574.51	285.75	-45.34	178.16	784.89	28.85
26205	22.38	-3.96	-13.00	1258.28	468.55	445.97	154.99	970.38	96.53
26206	23.24	-3.96	-13.00	292.08	576.58	646.41	143.32	452.72	291.70
26207	18.86	-7.26	-14.33	1981.82	137.14	-54.21	628.78	128.03	9.10
26208	19.75	-7.26	-14.33	1720.74	84.37	-15.61	638.03	213.96	24.94
26209	20.64	-7.26	-14.33	1285.05	68.57	66.01	605.02	324.11	50.41
26210	21.53	-7.26	-14.33	659.35	159.96	214.94	507.67	288.34	115.22
26211	22.42	-7.26	-14.33	205.88	451.28	216.92	298.45	54.92	197.05
26212	19.24	-6.18	-14.33	2038.79	115.44	-51.99	536.76	148.95	4.72
26213	20.12	-6.18	-14.33	1744.85	65.56	-15.10	529.10	241.75	12.03
26214	20.99	-6.18	-14.33	1264.45	57.48	68.08	490.42	351.80	24.87
26215	21.87	-6.18	-14.33	608.13	149.45	221.94	412.76	297.99	80.21
26216	22.75	-6.17	-14.33	169.41	417.78	223.84	244.04	43.82	175.23
26217	19.56	-5.08	-14.33	2073.25	112.00	-50.75	435.94	163.57	0.58
26218	20.42	-5.08	-14.33	1746.65	70.20	-15.28	419.44	258.20	2.27
26219	21.29	-5.08	-14.33	1231.75	68.34	67.07	384.89	363.55	9.53
26220	22.15	-5.07	-14.33	561.22	150.37	221.66	327.26	296.53	58.88
26221	23.02	-5.07	-14.33	140.04	379.39	226.62	191.16	32.05	153.69
26222	19.82	-3.96	-14.33	2089.00	122.14	-50.79	337.11	171.46	-1.35
26223	20.67	-3.96	-14.33	1735.33	87.66	-16.42	319.14	265.54	-1.99
26224	21.53	-3.96	-14.33	1197.44	85.70	65.91	292.66	366.92	3.67
26225	22.38	-3.96	-14.33	521.24	149.32	222.23	252.12	290.87	45.63
26226	23.24	-3.96	-14.33	118.81	338.16	228.36	144.82	19.61	128.68
26227	0.61	-3.95	-11.67	1354.12	414.96	-618.53	58.01	-66.13	-59.31
26228	0.60	-5.05	-11.67	1333.43	403.21	-613.02	72.74	-64.56	-66.73
26229	0.59	-6.15	-11.67	1309.01	390.45	-607.92	86.64	-62.70	-74.10
26230	0.58	-7.25	-11.67	1281.07	377.05	-603.83	99.63	-60.59	-81.75
26231	1.82	-3.95	-11.67	1385.43	397.67	-581.76	67.93	-65.77	-59.68
26232	1.79	-5.05	-11.67	1363.18	386.69	-576.59	84.54	-64.12	-67.18
26233	1.76	-6.15	-11.67	1336.94	374.87	-571.93	100.04	-62.10	-74.57
26234	1.73	-7.25	-11.67	1306.96	362.55	-568.33	114.32	-59.73	-82.13
26235	3.03	-3.95	-11.67	1416.88	379.63	-545.79	78.33	-65.62	-59.87

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
26236	2.99	-5.06	-11.67	1392.92	369.56	-541.01	96.91	-63.90	-67.50
26237	2.94	-6.16	-11.67	1364.67	358.81	-536.82	114.09	-61.73	-74.95
26238	2.88	-7.25	-11.67	1332.47	347.70	-533.77	129.70	-59.12	-82.50
26239	4.24	-3.95	-11.67	1448.72	360.93	-510.91	89.21	-65.14	-59.84
26240	4.18	-5.06	-11.67	1422.88	351.88	-506.53	109.88	-63.37	-67.63
26241	4.11	-6.16	-11.67	1392.40	342.34	-502.83	128.81	-61.08	-75.21
26242	4.03	-7.25	-11.67	1357.75	332.60	-500.34	145.81	-58.28	-82.83
26243	5.45	-3.95	-11.67	1481.12	341.63	-477.54	100.56	-63.57	-59.59
26244	5.38	-5.06	-11.67	1453.19	333.74	-473.54	123.44	-61.81	-67.56
26245	5.29	-6.16	-11.67	1420.25	325.55	-470.31	144.22	-59.47	-75.30
26246	5.18	-7.25	-11.67	1382.88	317.31	-468.34	162.67	-56.56	-83.05
26247	6.67	-3.95	-11.67	1514.09	321.85	-446.14	112.36	-59.88	-59.10
26248	6.58	-5.06	-11.67	1483.86	315.22	-442.47	137.59	-58.23	-67.27
26249	6.46	-6.16	-11.67	1448.21	308.52	-439.62	160.33	-55.97	-75.21
26250	6.33	-7.26	-11.67	1407.84	301.91	-438.08	180.29	-53.11	-83.14
26251	7.88	-3.96	-11.67	1547.44	301.69	-417.19	124.58	-52.76	-58.37
26252	7.77	-5.06	-11.67	1514.71	296.43	-413.74	152.32	-51.38	-66.74
26253	7.64	-6.16	-11.67	1476.09	291.32	-411.14	177.14	-49.43	-74.88
26254	7.48	-7.26	-11.67	1432.46	286.49	-409.88	198.71	-46.90	-83.03
26255	9.09	-3.96	-11.67	1580.73	281.32	-391.13	137.12	-40.59	-57.39
26256	8.97	-5.07	-11.67	1545.35	277.47	-387.75	167.55	-39.75	-65.94
26257	8.81	-6.17	-11.67	1503.55	274.05	-385.21	194.62	-38.45	-74.28
26258	8.63	-7.26	-11.67	1456.37	271.11	-383.99	217.92	-36.67	-82.65
26259	10.30	-3.96	-11.67	1613.24	260.97	-368.28	149.86	-21.56	-56.16
26260	10.16	-5.07	-11.67	1575.14	258.50	-364.77	183.20	-21.62	-64.84
26261	9.99	-6.17	-11.67	1529.99	256.80	-362.05	212.74	-21.43	-73.32
26262	9.78	-7.26	-11.67	1479.03	255.82	-360.58	237.95	-20.96	-81.87
26263	11.51	-3.96	-11.67	1643.94	240.96	-348.77	162.57	6.31	-54.62
26264	11.36	-5.07	-11.67	1603.16	239.73	-344.88	199.06	4.88	-63.37
26265	11.16	-6.17	-11.67	1554.61	239.68	-341.69	231.36	3.37	-71.89
26266	10.93	-7.26	-11.67	1499.71	240.69	-339.64	258.75	1.82	-80.49
26267	12.73	-3.96	-11.67	1671.48	221.75	-332.40	174.89	44.96	-52.66
26268	12.55	-5.07	-11.67	1628.29	221.44	-327.88	214.85	41.57	-61.37
26269	12.34	-6.17	-11.67	1576.44	222.83	-323.92	250.31	37.66	-69.80
26270	12.08	-7.26	-11.67	1517.53	225.79	-320.95	280.26	33.26	-78.28
26271	13.94	-3.96	-11.67	1694.29	204.02	-318.65	186.30	96.13	-50.04
26272	13.75	-5.07	-11.67	1649.20	204.09	-313.22	230.06	90.08	-58.50
26273	13.51	-6.17	-11.67	1594.37	206.50	-308.19	269.18	82.90	-66.64
26274	13.23	-7.26	-11.67	1531.59	211.14	-304.05	302.25	74.68	-74.82
26275	15.15	-3.96	-11.67	1710.77	188.81	-306.68	196.04	161.08	-46.33
26276	14.94	-5.08	-11.67	1664.63	188.41	-300.10	243.99	151.59	-54.16
26277	14.69	-6.18	-11.67	1607.38	191.17	-293.72	287.39	140.13	-61.69
26278	14.38	-7.26	-11.67	1540.96	197.06	-288.17	324.20	126.98	-69.36
26279	16.36	-3.96	-11.67	1719.81	177.60	-295.65	202.97	240.30	-40.91
26280	16.14	-5.08	-11.67	1673.86	175.52	-287.71	255.53	226.68	-47.46
26281	15.86	-6.18	-11.67	1614.97	177.60	-279.73	304.06	209.87	-53.75
26282	15.53	-7.26	-11.67	1545.06	184.19	-272.51	345.54	190.40	-60.54
26283	17.57	-3.96	-11.67	1721.65	172.66	-285.30	205.37	333.22	-33.06
26284	17.33	-5.08	-11.67	1677.62	167.14	-275.86	262.94	315.14	-37.30
26285	17.04	-6.18	-11.67	1618.07	166.97	-265.96	317.75	292.17	-41.30
26286	16.68	-7.26	-11.67	1544.73	173.13	-256.67	365.42	264.92	-46.27
26287	18.78	-3.96	-11.67	1719.51	177.65	-276.20	200.76	437.53	-22.00
26288	18.53	-5.08	-11.67	1679.56	166.29	-265.11	263.49	415.41	-22.51
26289	18.21	-6.18	-11.67	1620.41	161.33	-252.87	326.11	386.10	-22.56
26290	17.83	-7.26	-11.67	1543.18	165.31	-240.77	382.07	350.25	-24.36
26291	0.61	-3.95	-13.00	1605.73	524.41	-611.82	71.98	-49.79	-33.37
26292	0.60	-5.05	-13.00	1583.22	511.04	-606.29	90.27	-48.14	-37.31
26293	0.59	-6.15	-13.00	1556.97	497.33	-600.62	107.09	-46.86	-41.64
26294	0.58	-7.25	-13.00	1526.99	482.62	-595.60	123.77	-45.80	-46.44
26295	1.82	-3.95	-13.00	1642.65	503.56	-575.29	83.22	-51.12	-33.75
26296	1.79	-5.05	-13.00	1618.26	491.03	-570.18	103.53	-49.39	-37.77
26297	1.76	-6.15	-13.00	1589.80	478.33	-565.04	122.09	-47.94	-42.14
26298	1.73	-7.25	-13.00	1557.36	464.81	-560.65	140.20	-46.64	-46.90
26299	3.03	-3.95	-13.00	1681.48	482.12	-539.09	95.11	-52.56	-34.03
26300	2.99	-5.06	-13.00	1654.97	470.54	-534.42	117.59	-50.75	-38.19
26301	2.94	-6.16	-13.00	1624.01	458.98	-529.83	137.99	-49.15	-42.64
26302	2.88	-7.25	-13.00	1588.79	446.76	-526.11	157.58	-47.64	-47.43
26303	4.24	-3.95	-13.00	1722.40	460.11	-503.35	107.70	-53.72	-34.21
26304	4.18	-5.06	-13.00	1693.50	449.61	-499.13	132.51	-51.84	-38.53
26305	4.11	-6.16	-13.00	1659.71	439.31	-495.10	154.87	-50.12	-43.11
26306	4.03	-7.25	-13.00	1621.37	428.52	-492.06	176.02	-48.44	-47.99
26307	5.45	-3.95	-13.00	1765.38	437.54	-468.25	121.02	-54.05	-34.28
26308	5.38	-5.06	-13.00	1733.81	428.24	-464.47	148.35	-52.13	-38.78
26309	5.29	-6.16	-13.00	1696.87	419.36	-461.00	172.82	-50.36	-43.53
26310	5.18	-7.25	-13.00	1655.03	410.13	-458.61	195.60	-48.57	-48.54
26311	6.67	-3.95	-13.00	1810.12	414.39	-433.99	135.11	-52.80	-34.24
26312	6.58	-5.06	-13.00	1775.60	406.44	-430.62	165.16	-50.93	-38.94
26313	6.46	-6.16	-13.00	1735.18	399.11	-427.67	191.90	-49.19	-43.88
26314	6.33	-7.26	-13.00	1689.49	391.59	-425.89	216.43	-47.43	-49.07
26315	7.88	-3.96	-13.00	1855.96	390.66	-400.79	149.96	-49.01	-34.08
26316	7.77	-5.06	-13.00	1818.27	384.15	-397.79	182.99	-47.32	-39.00
26317	7.64	-6.16	-13.00	1774.06	378.52	-395.30	212.19	-45.77	-44.14
26318	7.48	-7.26	-13.00	1724.19	372.89	-394.04	238.59	-44.25	-49.52
26319	9.09	-3.96	-13.00	1901.82	366.28	-368.85	165.55	-41.52	-33.82
26320	8.97	-5.07	-13.00	1860.79	361.32	-366.14	201.84	-40.19	-38.95
26321	8.81	-6.17	-13.00	1812.58	357.53	-364.01	233.74	-39.10	-44.28
26322	8.63	-7.26	-13.00	1758.25	353.95	-363.17	262.17	-38.14	-49.85
26323	10.30	-3.96	-13.00	1946.10	341.22	-338.31	181.77	-28.97	-33.46
26324	10.16	-5.07	-13.00	1901.71	337.83	-335.80	221.67	-28.26	-38.77
26325	9.99	-6.17	-13.00	1849.38	336.00	-333.92	256.57	-27.97	-44.24
26326	9.78	-7.26	-13.00	1790.44	334.67	-333.33	287.25	-28.03	-49.91
26327	11.51	-3.96	-13.00	1986.65	315.46	-309.25	198.41	-9.87	-32.95
26328	11.36	-5.07	-13.00	1939.08	313.57	-306.83	242.31	-10.14	-38.41
26329	11.16	-6.17	-13.00	1882.72	313.75	-305.05	280.62	-11.09	-43.93
26330	10.93	-7.26	-13.00	1819.15	314.87	-304.54	313.87	-12.71	-49.57
26331	12.73	-3.96	-13.00	2020.70	289.09	-281.62	215.10	17.28	-32.20
26332	12.55	-5.07	-13.00	1970.46	288.46	-279.17	263.43	15.58	-37.74
26333	12.34	-6.17	-13.00	1910.44	290.57	-277.37	305.70	12.86	-43.23
26334	12.08	-7.26	-13.00	1842.43	294.29	-276.77	342.02	9.08	-48.70

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
26335	13.94	-3.96	-13.00	2044.93	262.35	-255.26	231.21	53.92	-31.04
26336	13.75	-5.07	-13.00	1992.95	262.55	-252.66	284.46	50.23	-36.52
26337	13.51	-6.17	-13.00	1930.06	266.29	-250.71	331.30	45.07	-41.86
26338	13.23	-7.26	-13.00	1858.18	272.52	-249.95	371.39	38.43	-47.06
26339	15.15	-3.96	-13.00	2055.54	235.84	-229.96	245.82	101.37	-29.16
26340	14.94	-5.08	-13.00	2003.26	236.20	-227.07	304.44	95.04	-34.32
26341	14.69	-6.18	-13.00	1938.75	241.08	-224.86	356.56	86.58	-39.30
26342	14.38	-7.26	-13.00	1864.00	249.56	-223.87	401.17	76.21	-44.20
26343	16.36	-3.96	-13.00	2048.45	210.61	-205.69	257.62	160.88	-26.20
26344	16.14	-5.08	-13.00	1997.95	210.15	-202.35	322.05	151.20	-30.52
26345	15.86	-6.18	-13.00	1933.62	215.46	-199.68	380.30	138.43	-34.64
26346	15.53	-7.26	-13.00	1857.31	225.92	-198.34	430.34	123.03	-39.02
26347	17.57	-3.96	-13.00	2019.73	188.43	-182.89	264.86	233.85	-21.88
26348	17.33	-5.08	-13.00	1973.77	185.78	-178.88	335.40	220.25	-24.53
26349	17.04	-6.18	-13.00	1912.03	190.40	-175.45	400.78	202.11	-26.88
26350	16.68	-7.26	-13.00	1835.97	202.22	-173.38	457.65	180.00	-29.88
26351	18.78	-3.96	-13.00	1966.24	172.06	-163.64	265.25	322.56	-16.31
26352	18.53	-5.08	-13.00	1928.21	165.36	-158.69	341.86	304.78	-16.11
26353	18.21	-6.18	-13.00	1872.08	167.52	-154.00	415.51	280.22	-15.18
26354	17.83	-7.26	-13.00	1798.47	179.63	-150.50	480.86	249.71	-15.46
26355	0.61	-3.95	-14.33	1859.90	638.57	-609.53	88.01	-32.60	-3.74
26356	0.60	-5.05	-14.33	1836.04	625.88	-603.86	107.20	-29.97	-5.71
26357	0.59	-6.15	-14.33	1808.27	612.56	-598.22	126.53	-29.68	-7.07
26358	0.58	-7.25	-14.33	1776.76	598.59	-592.79	144.40	-31.69	-7.93
26359	1.82	-3.95	-14.33	1902.21	614.18	-573.10	100.59	-33.64	-3.93
26360	1.79	-5.05	-14.33	1876.12	602.33	-567.89	121.90	-30.96	-5.94
26361	1.76	-6.15	-14.33	1845.73	590.02	-562.85	143.04	-30.61	-7.31
26362	1.73	-7.25	-14.33	1811.33	577.22	-558.12	162.40	-32.52	-8.18
26363	3.03	-3.95	-14.33	1948.66	589.42	-536.73	114.04	-34.71	-4.10
26364	2.99	-5.06	-14.33	1920.01	578.52	-531.99	137.64	-32.00	-6.15
26365	2.94	-6.16	-14.33	1886.59	567.34	-527.55	160.73	-31.60	-7.56
26366	2.88	-7.25	-14.33	1848.81	555.83	-523.54	181.66	-33.42	-8.45
26367	4.24	-3.95	-14.33	1999.48	564.24	-500.45	128.41	-35.70	-4.22
26368	4.18	-5.06	-14.33	1967.89	554.44	-496.19	154.55	-32.96	-6.34
26369	4.11	-6.16	-14.33	1930.99	544.54	-492.35	179.75	-32.51	-7.81
26370	4.03	-7.25	-14.33	1889.34	534.43	-489.07	202.34	-34.26	-8.75
26371	5.45	-3.95	-14.33	2054.62	538.60	-464.31	143.80	-36.40	-4.31
26372	5.38	-5.06	-14.33	2019.71	530.04	-460.52	172.72	-33.63	-6.51
26373	5.29	-6.16	-14.33	1978.86	521.55	-457.29	200.23	-33.15	-8.05
26374	5.18	-7.25	-14.33	1932.83	512.99	-454.71	224.61	-34.86	-9.05
26375	6.67	-3.95	-14.33	2113.66	512.37	-428.34	160.27	-36.51	-4.36
26376	6.58	-5.06	-14.33	2075.05	505.18	-425.02	192.27	-33.75	-6.65
26377	6.46	-6.16	-14.33	2029.80	498.28	-422.38	222.33	-33.28	-8.27
26378	6.33	-7.26	-14.33	1978.88	491.45	-420.51	248.64	-34.99	-9.36
26379	7.88	-3.96	-14.33	2175.67	485.36	-392.60	177.88	-35.67	-4.38
26380	7.77	-5.06	-14.33	2133.03	479.69	-389.72	213.32	-32.95	-6.76
26381	7.64	-6.16	-14.33	2082.97	474.56	-387.68	246.20	-32.55	-8.47
26382	7.48	-7.26	-14.33	2026.69	469.67	-386.48	274.62	-34.36	-9.64
26383	9.09	-3.96	-14.33	2239.05	457.32	-357.12	196.65	-33.39	-4.38
26384	8.97	-5.07	-14.33	2192.16	453.28	-354.69	235.94	-30.80	-6.85
26385	8.81	-6.17	-14.33	2136.97	450.11	-353.20	272.01	-30.57	-8.63
26386	8.63	-7.26	-14.33	2074.98	447.41	-352.65	302.75	-32.59	-9.89
26387	10.30	-3.96	-14.33	2301.43	427.90	-321.95	216.54	-29.14	-4.37
26388	10.16	-5.07	-14.33	2250.25	425.54	-319.93	260.17	-26.77	-6.92
26389	9.99	-6.17	-14.33	2189.81	424.51	-318.98	299.85	-26.84	-8.75
26390	9.78	-7.26	-14.33	2121.93	424.34	-319.04	333.23	-29.29	-10.03
26391	11.51	-3.96	-14.33	2359.48	396.71	-287.10	237.38	-22.29	-4.34
26392	11.36	-5.07	-14.33	2304.28	396.00	-285.48	285.91	-20.28	-6.95
26393	11.16	-6.17	-14.33	2238.75	397.23	-285.03	329.76	-20.83	-8.80
26394	10.93	-7.26	-14.33	2165.05	399.94	-285.63	366.20	-23.91	-10.01
26395	12.73	-3.96	-14.33	2408.90	363.36	-252.56	258.81	-12.21	-4.25
26396	12.55	-5.07	-14.33	2350.37	364.09	-251.31	312.89	-10.74	-6.91
26397	12.34	-6.17	-14.33	2280.31	367.60	-251.35	361.62	-11.97	-8.75
26398	12.08	-7.26	-14.33	2201.16	373.54	-252.46	401.73	-15.92	-9.83
26399	13.94	-3.96	-14.33	2444.30	327.55	-218.30	280.19	1.75	-4.06
26400	13.75	-5.07	-14.33	2383.74	329.34	-217.42	340.51	2.44	-6.71
26401	13.51	-6.17	-14.33	2310.32	334.92	-217.92	394.95	0.26	-8.51
26402	13.23	-7.26	-14.33	2226.60	344.14	-219.54	439.68	-4.81	-9.45
26403	15.15	-3.96	-14.33	2459.16	289.21	-184.31	300.51	20.22	-3.65
26404	14.94	-5.08	-14.33	2398.67	291.47	-183.77	367.76	19.84	-6.18
26405	14.69	-6.18	-14.33	2323.82	298.80	-184.71	428.87	16.34	-7.89
26406	14.38	-7.26	-14.33	2237.17	311.11	-186.85	479.20	9.83	-8.78
26407	16.36	-3.96	-14.33	2445.74	248.67	-150.60	318.31	43.93	-2.92
26408	16.14	-5.08	-14.33	2388.42	250.52	-150.37	393.17	42.14	-5.12
26409	15.86	-6.18	-14.33	2315.09	259.13	-151.71	462.07	36.82	-6.50
26410	15.53	-7.26	-14.33	2227.88	274.65	-154.34	519.17	28.26	-7.31
26411	17.57	-3.96	-14.33	2394.65	206.84	-117.41	331.67	73.91	-1.79
26412	17.33	-5.08	-14.33	2344.92	207.01	-117.42	414.60	70.31	-3.29
26413	17.04	-6.18	-14.33	2277.44	216.10	-119.06	492.58	62.60	-3.96
26414	16.68	-7.26	-14.33	2193.48	234.78	-122.08	558.25	51.13	-4.22
26415	18.78	-3.96	-14.33	2294.01	165.57	-84.67	338.54	111.80	-0.64
26416	18.53	-5.08	-14.33	2257.76	162.38	-84.87	429.48	106.01	-0.78
26417	18.21	-6.18	-14.33	2202.26	170.63	-86.72	517.60	95.18	0.08
26418	17.83	-7.26	-14.33	2127.21	192.06	-89.98	593.75	80.03	0.95
26419	-18.78	-3.96	-11.67	543.00	517.53	-1286.93	-65.19	-482.94	-91.29
26420	-18.53	-5.08	-11.67	549.47	503.25	-1271.56	-77.17	-472.29	-114.57
26421	-18.21	-6.18	-11.67	557.47	486.57	-1253.77	-87.76	-460.04	-136.79
26422	-17.83	-7.26	-11.67	566.74	467.95	-1233.91	-96.63	-446.34	-158.08
26423	-17.57	-3.96	-11.67	640.40	524.70	-1279.95	-55.88	-438.65	-92.03
26424	-17.33	-5.08	-11.67	643.22	510.38	-1264.14	-65.39	-429.46	-114.66
26425	-17.04	-6.18	-11.67	646.86	493.66	-1245.82	-73.80	-418.96	-136.32
26426	-16.68	-7.26	-11.67	651.17	475.00	-1225.36	-80.81	-407.21	-157.13
26427	-16.36	-3.96	-11.67	727.75	530.13	-1255.60	-46.74	-381.53	-88.99
26428	-16.14	-5.08	-11.67	727.41	515.85	-1240.41	-53.90	-374.66	-110.19
26429	-15.86	-6.18	-11.67	727.30	499.23	-1222.85	-60.21	-366.88	-130.72
26430	-15.53	-7.26	-11.67	727.33	480.67	-1203.25	-65.40	-358.20	-150.71
26431	-15.15	-3.96	-11.67	803.86	533.41	-1216.32	-38.35	-320.93	-83.71
26432	-14.94	-5.08	-11.67	801.01	519.18	-1202.62	-43.36	-316.50	-103.06
26433	-14.69	-6.18	-11.67	797.88	502.69	-1186.85	-47.71	-311.58	-122.12

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
26434	-14.38	-7.26	-11.67	794.47	484.32	-1169.32	-51.13	-306.05	-141.02
26435	-13.94	-3.96	-11.67	869.85	534.44	-1166.65	-30.86	-263.86	-77.62
26436	-13.75	-5.07	-11.67	865.02	520.20	-1154.82	-33.97	-261.46	-94.96
26437	-13.51	-6.17	-11.67	859.53	503.79	-1141.36	-36.51	-258.95	-112.41
26438	-13.23	-7.26	-11.67	853.40	485.58	-1126.55	-38.26	-256.10	-130.17
26439	-12.73	-3.96	-11.67	927.76	533.25	-1111.61	-24.08	-214.51	-71.75
26440	-12.55	-5.07	-11.67	921.30	518.94	-1101.62	-25.52	-213.53	-87.13
26441	-12.34	-6.17	-11.67	913.88	502.53	-1090.47	-26.47	-212.72	-102.97
26442	-12.08	-7.26	-11.67	905.51	484.40	-1078.41	-26.74	-211.90	-119.55
26443	-11.51	-3.96	-11.67	979.62	529.95	-1055.40	-17.75	-174.46	-66.75
26444	-11.36	-5.07	-11.67	971.73	515.54	-1046.92	-17.71	-174.28	-80.33
26445	-11.16	-6.17	-11.67	962.60	499.12	-1037.69	-17.23	-174.48	-94.61
26446	-10.93	-7.26	-11.67	952.21	481.07	-1027.98	-16.18	-174.94	-109.91
26447	-10.30	-3.96	-11.67	1027.02	524.72	-1000.77	-11.57	-143.45	-62.85
26448	-10.16	-5.07	-11.67	1017.79	510.24	-993.36	-10.16	-143.57	-74.88
26449	-9.99	-6.17	-11.67	1007.03	493.83	-985.53	-8.38	-144.18	-87.69
26450	-9.78	-7.26	-11.67	994.76	475.90	-977.56	-6.10	-145.22	-101.65
26451	-9.09	-3.96	-11.67	1071.03	517.74	-949.11	-5.30	-120.24	-60.09
26452	-8.97	-5.07	-11.67	1060.49	503.24	-942.36	-2.59	-120.32	-70.80
26453	-8.81	-6.17	-11.67	1048.17	486.91	-935.41	0.45	-120.91	-82.31
26454	-8.63	-7.26	-11.67	1034.09	469.15	-928.62	3.91	-121.98	-94.98
26455	-7.88	-3.96	-11.67	1112.32	509.17	-900.78	1.20	-103.27	-58.33
26456	-7.77	-5.06	-11.67	1100.50	494.72	-894.36	5.24	-103.12	-67.99
26457	-7.64	-6.16	-11.67	1086.67	478.53	-887.92	9.52	-103.42	-78.38
26458	-7.48	-7.26	-11.67	1070.84	461.01	-881.84	14.14	-104.17	-89.88
26459	-6.67	-3.95	-11.67	1151.34	499.15	-855.50	8.05	-91.04	-57.40
26460	-6.58	-5.06	-11.67	1138.27	484.83	-849.22	13.43	-90.58	-66.25
26461	-6.46	-6.16	-11.67	1122.95	468.85	-843.03	18.97	-90.47	-75.73
26462	-6.33	-7.26	-11.67	1105.44	451.63	-837.36	24.74	-90.74	-86.23
26463	-5.45	-3.95	-11.67	1188.41	487.82	-812.74	15.28	-82.31	-57.10
26464	-5.38	-5.06	-11.67	1174.11	473.70	-806.51	22.06	-81.54	-65.36
26465	-5.29	-6.16	-11.67	1157.34	458.01	-800.43	28.88	-81.00	-74.13
26466	-5.18	-7.25	-11.67	1138.16	441.17	-795.00	35.81	-80.75	-83.80
26467	-4.24	-3.95	-11.67	1223.80	475.29	-771.89	22.94	-76.13	-57.26
26468	-4.18	-5.06	-11.67	1208.28	461.46	-765.68	31.17	-75.08	-65.10
26469	-4.11	-6.16	-11.67	1190.07	446.14	-759.69	39.31	-74.16	-73.33
26470	-4.03	-7.25	-11.67	1169.23	429.76	-754.43	47.39	-73.42	-82.33
26471	-3.03	-3.95	-11.67	1257.77	461.67	-732.38	31.03	-71.81	-57.68
26472	-2.99	-5.06	-11.67	1241.03	448.20	-726.24	40.77	-70.56	-65.27
26473	-2.94	-6.16	-11.67	1221.36	433.36	-720.36	50.27	-69.32	-73.11
26474	-2.88	-7.25	-11.67	1198.85	417.54	-715.29	59.54	-68.14	-81.59
26475	-1.82	-3.95	-11.67	1290.61	447.02	-693.81	39.57	-68.91	-58.24
26476	-1.79	-5.05	-11.67	1272.62	434.02	-687.80	50.89	-67.51	-65.68
26477	-1.76	-6.15	-11.67	1251.46	419.76	-682.09	61.80	-66.01	-73.27
26478	-1.73	-7.25	-11.67	1227.23	404.63	-677.26	72.27	-64.47	-81.36
26479	-0.61	-3.95	-11.67	1322.62	431.44	-655.89	48.55	-67.12	-58.81
26480	-0.60	-5.05	-11.67	1303.33	419.01	-650.09	61.53	-65.61	-66.21
26481	-0.59	-6.15	-11.67	1280.61	405.44	-644.65	73.91	-63.90	-73.64
26482	-0.58	-7.25	-11.67	1254.57	391.10	-640.14	85.62	-62.04	-81.46
26483	-18.78	-3.96	-13.00	661.94	634.29	-1231.98	-84.81	-336.70	-59.84
26484	-18.53	-5.08	-13.00	670.60	615.19	-1217.74	-100.13	-328.83	-75.49
26485	-18.21	-6.18	-13.00	681.52	593.75	-1200.90	-114.14	-320.44	-90.78
26486	-17.83	-7.26	-13.00	694.27	569.73	-1182.05	-125.28	-311.60	-105.31
26487	-17.57	-3.96	-13.00	790.20	653.11	-1208.12	-73.44	-305.44	-60.02
26488	-17.33	-5.08	-13.00	794.05	633.48	-1193.91	-85.71	-298.57	-75.13
26489	-17.04	-6.18	-13.00	799.24	611.53	-1177.10	-97.09	-291.43	-89.93
26490	-16.68	-7.26	-13.00	805.48	586.94	-1158.33	-105.97	-284.04	-103.97
26491	-16.36	-3.96	-13.00	906.01	667.62	-1177.15	-61.43	-265.29	-57.74
26492	-16.14	-5.08	-13.00	905.46	647.80	-1163.48	-70.67	-260.08	-71.84
26493	-15.86	-6.18	-13.00	905.39	625.71	-1147.36	-79.40	-254.92	-85.82
26494	-15.53	-7.26	-13.00	905.56	601.01	-1129.41	-86.02	-249.83	-99.21
26495	-15.15	-3.96	-13.00	1007.13	677.31	-1139.59	-49.66	-222.06	-53.85
26496	-14.94	-5.08	-13.00	1002.92	657.53	-1126.85	-55.98	-218.67	-66.64
26497	-14.69	-6.18	-13.00	998.46	635.55	-1111.87	-62.10	-215.61	-79.60
26498	-14.38	-7.26	-13.00	993.51	610.98	-1095.31	-66.41	-212.82	-92.28
26499	-13.94	-3.96	-13.00	1093.33	682.05	-1097.49	-38.53	-180.82	-49.23
26500	-13.75	-5.07	-13.00	1086.28	662.47	-1085.86	-42.14	-178.99	-60.59
26501	-13.51	-6.17	-13.00	1078.38	640.74	-1072.28	-45.78	-177.75	-72.47
26502	-13.23	-7.26	-13.00	1069.46	616.42	-1057.43	-47.83	-176.94	-84.52
26503	-12.73	-3.96	-13.00	1165.93	682.15	-1052.97	-28.21	-144.85	-44.63
26504	-12.55	-5.07	-13.00	1156.74	662.85	-1042.45	-29.38	-144.13	-54.59
26505	-12.34	-6.17	-13.00	1146.27	641.47	-1030.27	-30.74	-144.24	-65.36
26506	-12.08	-7.26	-13.00	1134.33	617.48	-1017.18	-30.75	-145.01	-76.76
26507	-11.51	-3.96	-13.00	1227.06	678.14	-1007.85	-18.66	-115.64	-40.57
26508	-11.36	-5.07	-13.00	1216.28	659.21	-998.30	-17.65	-115.56	-49.20
26509	-11.16	-6.17	-13.00	1203.88	638.29	-987.36	-16.97	-116.48	-58.87
26510	-10.93	-7.26	-13.00	1189.63	614.83	-975.80	-15.14	-118.27	-69.44
26511	-10.30	-3.96	-13.00	1279.11	670.69	-963.38	-9.74	-93.25	-37.29
26512	-10.16	-5.07	-13.00	1267.07	652.19	-954.58	-6.76	-93.42	-44.74
26513	-9.99	-6.17	-13.00	1253.17	631.85	-944.64	-4.22	-94.67	-53.32
26514	-9.78	-7.26	-13.00	1237.15	609.11	-934.28	-0.63	-96.88	-62.93
26515	-9.09	-3.96	-13.00	1324.30	660.42	-920.19	-1.21	-76.94	-34.86
26516	-8.97	-5.07	-13.00	1311.22	642.40	-911.97	3.57	-77.05	-41.30
26517	-8.81	-6.17	-13.00	1296.07	622.72	-902.78	7.85	-78.25	-48.87
26518	-8.63	-7.26	-13.00	1278.61	600.79	-893.34	13.10	-80.40	-57.50
26519	-7.88	-3.96	-13.00	1364.56	647.91	-878.48	7.13	-65.57	-33.23
26520	-7.77	-5.06	-13.00	1350.53	630.38	-870.68	13.61	-65.45	-38.85
26521	-7.64	-6.16	-13.00	1334.26	611.38	-862.05	19.53	-66.34	-45.54
26522	-7.48	-7.26	-13.00	1315.54	590.29	-853.34	26.35	-68.15	-53.27
26523	-6.67	-3.95	-13.00	1401.45	633.59	-838.16	15.46	-57.97	-32.28
26524	-6.58	-5.06	-13.00	1386.48	616.57	-830.69	23.57	-57.53	-37.26
26525	-6.46	-6.16	-13.00	1369.13	598.25	-822.50	31.07	-58.02	-43.23
26526	-6.33	-7.26	-13.00	1349.19	578.00	-814.36	39.39	-59.34	-50.18
26527	-5.45	-3.95	-13.00	1436.19	617.82	-798.97	23.93	-53.14	-31.87
26528	-5.38	-5.06	-13.00	1420.25	601.31	-791.78	33.65	-52.39	-36.39
26529	-5.29	-6.16	-13.00	1401.77	583.67	-783.98	42.68	-52.45	-41.78
26530	-5.18	-7.25	-13.00	1380.56	564.26	-776.34	52.44	-53.25	-48.09
26531	-4.24	-3.95	-13.00	1469.76	600.87	-760.64	32.67	-50.29	-31.85
26532	-4.18	-5.06	-13.00	1452.77	584.89	-753.73	44.00	-49.26	-36.06

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
26533	-4.11	-6.16	-13.00	1433.07	567.94	-746.30	54.54	-48.94	-41.03
26534	-4.03	-7.25	-13.00	1410.48	549.38	-739.14	65.69	-49.24	-46.81
26535	-3.03	-3.95	-13.00	1502.92	582.94	-722.92	41.77	-48.86	-32.10
26536	-2.99	-5.06	-13.00	1484.77	567.52	-716.31	54.74	-47.61	-36.11
26537	-2.94	-6.16	-13.00	1463.71	551.28	-709.26	66.79	-46.96	-40.78
26538	-2.88	-7.25	-13.00	1439.59	533.59	-702.58	79.31	-46.83	-46.16
26539	-1.82	-3.95	-13.00	1536.29	564.16	-685.61	51.31	-48.47	-32.49
26540	-1.79	-5.05	-13.00	1516.85	549.35	-679.33	65.96	-47.05	-36.40
26541	-1.76	-6.15	-13.00	1494.27	533.88	-672.70	79.55	-46.13	-40.88
26542	-1.73	-7.25	-13.00	1468.43	517.11	-666.53	93.44	-45.63	-45.97
26543	-0.61	-3.95	-13.00	1570.41	544.64	-648.60	61.36	-48.86	-32.93
26544	-0.60	-5.05	-13.00	1549.54	530.51	-642.68	77.77	-47.31	-36.83
26545	-0.59	-6.15	-13.00	1525.24	515.88	-636.51	92.94	-46.17	-41.20
26546	-0.58	-7.25	-13.00	1497.45	500.09	-630.89	108.22	-45.35	-46.10
26547	-18.78	-3.96	-14.33	800.85	766.48	-1199.53	-106.21	-142.16	-15.86
26548	-18.53	-5.08	-14.33	812.23	744.42	-1185.71	-127.57	-137.13	-22.77
26549	-18.21	-6.18	-14.33	826.66	718.44	-1169.82	-145.53	-134.07	-28.69
26550	-17.83	-7.26	-14.33	844.02	689.10	-1152.25	-161.38	-132.81	-33.71
26551	-17.57	-3.96	-14.33	971.66	798.22	-1166.70	-89.51	-130.06	-15.25
26552	-17.33	-5.08	-14.33	976.33	775.60	-1153.30	-106.87	-125.46	-21.94
26553	-17.04	-6.18	-14.33	982.48	749.10	-1137.96	-121.35	-123.09	-27.60
26554	-16.68	-7.26	-14.33	990.17	719.37	-1121.06	-134.49	-122.84	-32.25
26555	-16.36	-3.96	-14.33	1123.39	822.29	-1131.41	-72.53	-113.57	-14.09
26556	-16.14	-5.08	-14.33	1122.04	799.53	-1118.52	-85.77	-109.69	-20.35
26557	-15.86	-6.18	-14.33	1120.91	773.01	-1103.83	-96.73	-108.19	-25.66
26558	-15.53	-7.26	-14.33	1120.11	743.32	-1087.71	-107.06	-109.06	-30.03
26559	-15.15	-3.96	-14.33	1251.82	837.86	-1094.70	-56.06	-95.85	-12.31
26560	-14.94	-5.08	-14.33	1245.63	815.41	-1082.41	-65.34	-92.73	-18.01
26561	-14.69	-6.18	-14.33	1238.67	789.33	-1068.47	-72.86	-92.13	-22.89
26562	-14.38	-7.26	-14.33	1230.98	760.14	-1053.24	-80.24	-93.95	-26.96
26563	-13.94	-3.96	-14.33	1356.42	845.13	-1056.99	-40.73	-79.11	-10.27
26564	-13.75	-5.07	-14.33	1346.71	823.31	-1045.35	-46.37	-76.64	-15.36
26565	-13.51	-6.17	-14.33	1335.47	798.00	-1032.20	-50.61	-76.77	-19.79
26566	-13.23	-7.26	-14.33	1322.65	769.47	-1017.95	-55.06	-79.38	-23.67
26567	-12.73	-3.96	-14.33	1439.33	844.95	-1018.78	-26.84	-64.70	-8.28
26568	-12.55	-5.07	-14.33	1427.28	823.96	-1007.77	-29.23	-62.68	-12.77
26569	-12.34	-6.17	-14.33	1413.17	799.60	-995.42	-30.49	-63.34	-16.76
26570	-12.08	-7.26	-14.33	1396.85	771.94	-982.15	-32.21	-66.60	-20.44
26571	-11.51	-3.96	-14.33	1504.23	838.54	-980.45	-14.40	-53.21	-6.54
26572	-11.36	-5.07	-14.33	1490.73	818.47	-970.04	-13.96	-51.44	-10.47
26573	-11.16	-6.17	-14.33	1474.83	795.23	-958.45	-12.55	-52.41	-14.01
26574	-10.93	-7.26	-14.33	1456.33	768.80	-946.09	-11.76	-56.06	-17.37
26575	-10.30	-3.96	-14.33	1555.33	827.21	-942.28	-3.22	-44.66	-5.16
26576	-10.16	-5.07	-14.33	1540.93	808.08	-932.42	-0.32	-42.96	-8.59
26577	-9.99	-6.17	-14.33	1523.97	786.06	-921.53	3.48	-44.02	-11.67
26578	-9.78	-7.26	-14.33	1504.24	761.12	-909.98	6.60	-47.78	-14.61
26579	-9.09	-3.96	-14.33	1596.64	812.18	-904.39	7.01	-38.68	-4.15
26580	-8.97	-5.07	-14.33	1581.64	793.96	-895.05	12.07	-36.92	-7.15
26581	-8.81	-6.17	-14.33	1564.00	773.17	-884.80	18.01	-37.91	-9.81
26582	-8.63	-7.26	-14.33	1543.56	749.76	-874.00	23.27	-41.57	-12.30
26583	-7.88	-3.96	-14.33	1631.59	794.45	-866.84	16.64	-34.77	-3.48
26584	-7.77	-5.06	-14.33	1616.07	777.07	-857.98	23.64	-32.87	-6.14
26585	-7.64	-6.16	-14.33	1597.87	757.45	-848.33	31.51	-33.68	-8.43
26586	-7.48	-7.26	-14.33	1576.87	735.50	-838.22	38.69	-37.12	-10.51
26587	-6.67	-3.95	-14.33	1662.92	774.82	-829.60	25.98	-32.39	-3.11
26588	-6.58	-5.06	-14.33	1646.80	758.19	-821.19	34.75	-30.33	-5.50
26589	-6.46	-6.16	-14.33	1627.97	739.62	-812.11	44.39	-30.93	-7.49
26590	-6.33	-7.26	-14.33	1606.33	719.02	-802.67	53.33	-34.10	-9.23
26591	-5.45	-3.95	-14.33	1692.68	753.85	-792.60	35.30	-31.12	-2.97
26592	-5.38	-5.06	-14.33	1675.82	737.89	-784.64	45.76	-28.91	-5.17
26593	-5.29	-6.16	-14.33	1656.18	720.26	-776.13	57.04	-29.28	-6.92
26594	-5.18	-7.25	-14.33	1633.68	700.91	-767.35	67.61	-32.18	-8.38
26595	-4.24	-3.95	-14.33	1722.39	731.93	-755.80	44.83	-30.61	-2.99
26596	-4.18	-5.06	-14.33	1704.60	716.59	-748.28	56.93	-28.27	-5.06
26597	-4.11	-6.16	-14.33	1683.91	699.83	-740.33	69.80	-28.44	-6.64
26598	-4.03	-7.25	-14.33	1660.28	681.61	-732.20	81.89	-31.10	-7.88
26599	-3.03	-3.95	-14.33	1753.19	709.31	-719.12	54.74	-30.64	-3.12
26600	-2.99	-5.06	-14.33	1734.24	694.58	-712.06	68.49	-28.19	-5.11
26601	-2.94	-6.16	-14.33	1712.23	678.65	-704.67	82.92	-28.20	-6.58
26602	-2.88	-7.25	-14.33	1687.16	661.49	-697.21	96.48	-30.64	-7.65
26603	-1.82	-3.95	-14.33	1785.93	686.17	-682.54	65.17	-31.05	-3.31
26604	-1.79	-5.05	-14.33	1765.60	672.05	-675.93	80.63	-28.51	-5.27
26605	-1.76	-6.15	-14.33	1741.98	656.95	-669.12	96.63	-28.39	-6.66
26606	-1.73	-7.25	-14.33	1715.13	640.83	-662.32	111.62	-30.65	-7.63
26607	-0.61	-3.95	-14.33	1821.30	662.58	-646.01	76.22	-31.74	-3.52
26608	-0.60	-5.05	-14.33	1799.36	649.14	-639.87	93.48	-29.14	-5.48
26609	-0.59	-6.15	-14.33	1773.83	634.89	-633.64	111.10	-28.91	-6.84
26610	-0.58	-7.25	-14.33	1744.83	619.81	-627.52	127.53	-31.01	-7.73
26611	-23.24	-3.96	-11.67	23.39	472.95	-1204.96	-75.03	-105.01	26.68
26612	-23.02	-5.07	-11.67	30.54	463.10	-1196.04	-94.12	-106.81	29.12
26613	-22.75	-6.17	-11.67	39.51	451.28	-1185.74	-112.36	-108.84	31.45
26614	-22.42	-7.26	-11.67	49.83	437.87	-1174.59	-129.63	-111.05	33.25
26615	-22.38	-3.96	-11.67	77.66	480.97	-1169.88	-84.28	-271.29	-8.31
26616	-22.15	-5.07	-11.67	86.71	469.33	-1160.01	-104.59	-269.79	-14.23
26617	-21.87	-6.18	-11.67	97.87	455.51	-1148.84	-123.75	-268.02	-20.18
26618	-21.53	-7.26	-11.67	111.19	439.98	-1136.66	-141.41	-265.91	-26.33
26619	-21.53	-3.96	-11.67	172.12	488.44	-1197.47	-86.42	-400.64	-40.25
26620	-21.29	-5.08	-11.67	182.24	475.58	-1186.50	-106.11	-395.67	-53.62
26621	-20.99	-6.18	-11.67	194.67	460.36	-1174.04	-124.43	-389.94	-66.73
26622	-20.64	-7.26	-11.67	209.21	443.06	-1160.37	-141.18	-383.46	-79.78
26623	-20.67	-3.96	-11.67	291.12	497.66	-1238.98	-83.00	-480.33	-66.31
26624	-20.42	-5.08	-11.67	301.32	484.00	-1226.61	-100.79	-472.27	-85.42
26625	-20.12	-6.18	-11.67	313.78	467.85	-1212.44	-117.09	-462.97	-103.93
26626	-19.75	-7.26	-11.67	328.21	449.67	-1196.76	-131.62	-452.47	-121.99
26627	-19.82	-3.96	-11.67	423.91	508.25	-1272.82	-74.86	-503.92	-83.92
26628	-19.56	-5.08	-11.67	433.10	494.19	-1258.80	-89.76	-493.63	-106.42
26629	-19.24	-6.18	-11.67	444.33	477.68	-1242.64	-103.12	-481.74	-128.00
26630	-18.86	-7.26	-11.67	457.33	459.21	-1224.63	-114.61	-468.35	-148.81
26631	-23.24	-3.96	-13.00	25.27	523.41	-1336.74	-84.26	-55.43	26.12

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
26632	-23.02	-5.07	-13.00	33.36	512.73	-1326.95	-105.56	-56.93	29.27
26633	-22.75	-6.17	-13.00	43.71	500.08	-1314.85	-126.56	-58.81	32.23
26634	-22.42	-7.26	-13.00	55.59	484.88	-1301.47	-145.84	-61.03	34.32
26635	-22.38	-3.96	-13.00	83.13	536.70	-1281.16	-97.72	-173.22	0.77
26636	-22.15	-5.07	-13.00	94.21	523.10	-1269.89	-121.19	-171.81	-2.32
26637	-21.87	-6.18	-13.00	107.73	507.60	-1257.10	-143.91	-170.83	-5.81
26638	-21.53	-7.26	-13.00	123.66	490.18	-1243.24	-164.25	-170.10	-9.44
26639	-21.53	-3.96	-13.00	192.24	555.52	-1268.80	-104.20	-272.91	-23.61
26640	-21.29	-5.08	-13.00	204.96	539.95	-1256.97	-127.61	-269.02	-32.25
26641	-20.99	-6.18	-13.00	220.60	522.24	-1243.30	-149.84	-265.09	-41.06
26642	-20.64	-7.26	-13.00	238.85	502.07	-1228.20	-169.51	-260.97	-49.73
26643	-20.67	-3.96	-13.00	339.27	581.03	-1262.09	-103.00	-333.46	-42.64
26644	-20.42	-5.08	-13.00	352.33	563.96	-1249.45	-124.70	-327.34	-55.46
26645	-20.12	-6.18	-13.00	368.45	544.49	-1234.69	-144.96	-320.83	-68.20
26646	-19.75	-7.26	-13.00	387.22	522.50	-1218.29	-162.40	-313.82	-80.56
26647	-19.82	-3.96	-13.00	508.35	609.67	-1250.12	-95.35	-351.31	-55.06
26648	-19.56	-5.08	-13.00	520.44	591.49	-1236.50	-113.98	-343.63	-70.25
26649	-19.24	-6.18	-13.00	535.40	570.91	-1220.47	-131.09	-335.37	-85.19
26650	-18.86	-7.26	-13.00	552.84	547.83	-1202.55	-145.20	-326.52	-99.49
26651	-23.24	-3.96	-14.33	-8.80	575.54	-1402.37	-93.96	-18.33	21.43
26652	-23.02	-5.07	-14.33	3.64	566.20	-1391.44	-122.61	-17.22	22.84
26653	-22.75	-6.17	-14.33	16.70	553.44	-1378.63	-148.45	-18.41	25.07
26654	-22.42	-7.26	-14.33	30.00	537.87	-1364.42	-173.73	-21.65	27.51
26655	-22.38	-3.96	-14.33	25.95	588.61	-1353.99	-121.59	-70.69	7.19
26656	-22.15	-5.07	-14.33	42.15	573.38	-1341.91	-153.12	-68.17	5.43
26657	-21.87	-6.18	-14.33	60.69	555.57	-1328.43	-182.62	-67.85	4.03
26658	-21.53	-7.26	-14.33	81.66	535.57	-1313.81	-209.76	-69.31	2.88
26659	-21.53	-3.96	-14.33	154.15	622.42	-1314.64	-133.81	-116.16	-3.28
26660	-21.29	-5.08	-14.33	172.01	604.67	-1302.20	-165.93	-112.93	-7.46
26661	-20.99	-6.18	-14.33	193.53	583.58	-1288.08	-195.02	-111.44	-11.11
26662	-20.64	-7.26	-14.33	218.59	559.57	-1272.56	-221.59	-111.27	-14.24
26663	-20.67	-3.96	-14.33	352.48	670.30	-1276.95	-132.74	-141.95	-11.14
26664	-20.42	-5.08	-14.33	370.58	650.49	-1263.95	-162.73	-137.76	-17.10
26665	-20.12	-6.18	-14.33	392.59	626.90	-1249.13	-189.29	-135.18	-22.40
26666	-19.75	-7.26	-14.33	418.10	599.92	-1232.86	-213.13	-133.82	-27.20
26667	-19.82	-3.96	-14.33	587.40	722.63	-1236.61	-122.00	-148.93	-15.55
26668	-19.56	-5.08	-14.33	603.55	701.38	-1222.99	-147.86	-144.03	-22.44
26669	-19.24	-6.18	-14.33	623.56	676.23	-1207.37	-170.23	-140.82	-28.53
26670	-18.86	-7.26	-14.33	647.10	647.63	-1190.13	-189.87	-138.97	-33.98
26671	22.14	-8.10	-11.67	2571.26	1023.64	1876.61	378.20	2093.22	600.33
26672	21.23	-8.10	-11.67	1943.00	329.17	114.79	447.97	1094.88	358.59
26673	20.33	-8.10	-11.67	1619.41	223.25	-78.36	465.56	742.10	223.38
26674	19.42	-8.10	-11.67	1499.41	181.35	-171.74	461.56	568.48	100.73
26675	18.52	-8.10	-11.67	1470.68	171.10	-207.81	442.53	424.17	17.90
26676	21.91	-8.70	-11.67	2130.64	932.70	1528.20	839.77	1756.51	850.08
26677	20.99	-8.70	-11.67	1727.70	308.87	119.69	563.78	997.29	428.49
26678	20.07	-8.70	-11.67	1490.36	229.89	-69.88	534.18	687.45	245.84
26679	19.16	-8.70	-11.67	1413.44	189.81	-159.74	500.69	527.74	105.41
26680	18.24	-8.70	-11.67	1406.94	181.11	-199.41	468.49	392.45	16.14
26681	22.14	-8.10	-13.00	346.57	626.63	560.86	413.82	505.21	502.59
26682	21.23	-8.10	-13.00	1260.34	346.92	418.26	500.59	904.93	303.26
26683	20.33	-8.10	-13.00	1463.61	195.00	-19.74	551.36	640.09	176.13
26684	19.42	-8.10	-13.00	1569.76	166.18	-87.02	567.11	456.07	78.02
26685	18.52	-8.10	-13.00	1667.47	174.87	-122.11	551.62	314.65	14.99
26686	21.91	-8.70	-13.00	382.91	626.18	505.09	418.82	493.74	526.69
26687	20.99	-8.70	-13.00	1176.69	339.31	346.40	588.04	806.34	366.11
26688	20.07	-8.70	-13.00	1387.06	211.07	-17.35	607.09	577.91	196.23
26689	19.16	-8.70	-13.00	1507.46	184.05	-81.69	607.39	414.40	83.22
26690	18.24	-8.70	-13.00	1612.73	191.55	-120.34	580.81	286.16	13.90
26691	22.14	-8.10	-14.33	243.49	476.53	209.81	338.00	67.23	211.85
26692	21.23	-8.10	-14.33	698.52	177.49	196.84	587.62	269.88	146.31
26693	20.33	-8.10	-14.33	1287.43	97.90	60.21	695.06	289.22	71.91
26694	19.42	-8.10	-14.33	1685.66	116.58	-16.67	716.73	185.50	33.79
26695	18.52	-8.10	-14.33	1923.90	166.70	-56.97	691.73	108.48	11.23
26696	21.91	-8.70	-14.33	266.06	486.57	200.88	382.58	78.99	223.42
26697	20.99	-8.70	-14.33	724.08	207.85	175.39	645.03	251.81	162.22
26698	20.07	-8.70	-14.33	1275.70	134.93	50.91	754.35	256.72	83.37
26699	19.16	-8.70	-14.33	1648.68	147.79	-19.16	766.35	164.49	37.25
26700	18.24	-8.70	-14.33	1873.67	190.13	-61.73	731.19	95.75	11.94
26701	17.50	-8.10	-11.67	1473.54	174.20	-232.17	418.06	318.39	-27.74
26702	16.37	-8.10	-11.67	1480.41	182.04	-250.23	395.78	241.15	-51.62
26703	15.24	-8.10	-11.67	1484.93	192.06	-267.66	371.81	173.72	-66.59
26704	14.11	-8.10	-11.67	1484.43	203.41	-284.61	347.73	115.52	-75.61
26705	12.98	-8.10	-11.67	1478.44	216.08	-301.58	323.46	67.46	-81.48
26706	11.85	-8.10	-11.67	1467.89	229.00	-319.46	299.51	29.41	-85.15
26707	10.73	-8.10	-11.67	1453.52	242.08	-338.95	276.53	0.46	-87.39
26708	9.60	-8.10	-11.67	1436.18	255.52	-360.41	254.45	-20.50	-88.67
26709	8.47	-8.10	-11.67	1416.68	269.15	-384.06	233.32	-35.06	-89.22
26710	7.34	-8.10	-11.67	1395.70	282.96	-409.94	213.12	-44.67	-89.38
26711	6.21	-8.10	-11.67	1373.79	296.93	-437.94	193.77	-50.62	-89.31
26712	5.08	-8.10	-11.67	1351.31	310.98	-467.86	175.26	-54.03	-89.09
26713	3.95	-8.10	-11.67	1328.42	325.03	-499.43	157.54	-55.86	-88.79
26714	2.82	-8.10	-11.67	1305.19	339.01	-532.39	140.59	-56.90	-88.46
26715	1.69	-8.10	-11.67	1281.54	352.83	-566.49	124.39	-57.74	-88.14
26716	0.56	-8.10	-11.67	1257.36	366.41	-601.56	108.90	-58.86	-87.91
26717	17.23	-8.70	-11.67	1419.30	183.05	-227.00	437.89	293.47	-31.77
26718	16.11	-8.70	-11.67	1431.45	190.02	-246.39	412.37	223.52	-56.77
26719	15.00	-8.70	-11.67	1439.42	198.37	-264.92	386.52	161.69	-71.13
26720	13.89	-8.70	-11.67	1441.62	208.24	-282.76	361.27	106.51	-80.05
26721	12.78	-8.70	-11.67	1438.48	219.91	-300.41	335.61	62.29	-86.63
26722	11.67	-8.70	-11.67	1430.46	231.24	-319.08	310.79	26.63	-90.11
26723	10.56	-8.70	-11.67	1418.72	243.02	-339.18	287.06	-0.32	-92.45
26724	9.45	-8.70	-11.67	1403.92	255.23	-361.03	264.36	-19.80	-93.55
26725	8.34	-8.70	-11.67	1386.74	267.65	-384.87	242.73	-33.54	-93.84
26726	7.22	-8.70	-11.67	1367.92	280.37	-410.74	222.05	-42.71	-93.82
26727	6.11	-8.70	-11.67	1348.01	293.31	-438.59	202.24	-48.48	-93.60
26728	5.00	-8.70	-11.67	1327.37	306.40	-468.25	183.27	-51.90	-93.28
26729	3.89	-8.70	-11.67	1306.16	319.57	-499.49	165.11	-53.86	-92.93
26730	2.78	-8.70	-11.67	1284.45	332.74	-532.09	147.72	-55.08	-92.61

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
26731	1.67	-8.70	-11.67	1262.20	345.82	-565.83	131.07	-56.14	-92.36
26732	0.56	-8.70	-11.67	1239.31	358.74	-600.56	115.13	-57.49	-92.26
26733	17.50	-8.10	-13.00	1731.43	194.41	-149.24	523.51	223.03	-17.64
26734	16.37	-8.10	-13.00	1768.87	215.25	-173.21	494.50	161.02	-33.78
26735	15.24	-8.10	-13.00	1791.47	236.56	-198.56	462.74	110.09	-43.29
26736	14.11	-8.10	-13.00	1800.30	257.64	-224.23	430.35	67.31	-48.37
26737	12.98	-8.10	-13.00	1797.35	278.32	-250.42	397.81	32.71	-51.54
26738	11.85	-8.10	-13.00	1785.17	297.60	-277.43	366.18	5.94	-53.45
26739	10.73	-8.10	-13.00	1765.71	315.78	-305.35	336.38	-13.87	-54.51
26740	9.60	-8.10	-13.00	1740.89	333.53	-334.12	308.35	-27.69	-54.89
26741	8.47	-8.10	-13.00	1712.53	350.94	-363.77	282.02	-36.84	-54.69
26742	7.34	-8.10	-13.00	1682.14	368.18	-394.30	257.29	-42.44	-54.21
26743	6.21	-8.10	-13.00	1650.90	385.33	-425.70	234.05	-45.39	-53.61
26744	5.08	-8.10	-13.00	1619.63	402.44	-457.89	212.20	-46.50	-52.97
26745	3.95	-8.10	-13.00	1588.87	419.51	-490.78	191.63	-46.45	-52.34
26746	2.82	-8.10	-13.00	1558.89	436.52	-524.26	172.25	-45.81	-51.76
26747	1.69	-8.10	-13.00	1529.76	453.43	-558.22	153.94	-45.01	-51.26
26748	0.56	-8.10	-13.00	1501.44	470.18	-592.60	136.62	-44.40	-50.90
26749	17.23	-8.70	-13.00	1678.70	208.67	-150.00	546.76	202.49	-20.66
26750	16.11	-8.70	-13.00	1717.68	227.48	-174.38	514.36	147.29	-37.69
26751	15.00	-8.70	-13.00	1741.64	245.98	-199.80	480.58	101.11	-46.33
26752	13.89	-8.70	-13.00	1752.16	264.69	-225.39	446.77	60.37	-51.11
26753	12.78	-8.70	-13.00	1751.84	283.69	-251.51	412.57	28.75	-54.94
26754	11.67	-8.70	-13.00	1742.21	300.77	-278.77	379.90	3.80	-56.79
26755	10.56	-8.70	-13.00	1725.63	317.23	-306.86	349.26	-14.37	-58.13
26756	9.45	-8.70	-13.00	1703.72	333.52	-335.64	320.49	-26.92	-58.44
26757	8.34	-8.70	-13.00	1678.16	349.57	-365.16	293.52	-35.40	-58.06
26758	7.22	-8.70	-13.00	1650.46	365.59	-395.44	268.18	-40.65	-57.47
26759	6.11	-8.70	-13.00	1621.78	381.63	-426.52	244.35	-43.47	-56.78
26760	5.00	-8.70	-13.00	1592.89	397.69	-458.33	221.92	-44.60	-56.08
26761	3.89	-8.70	-13.00	1564.29	413.78	-490.81	200.81	-44.65	-55.44
26762	2.78	-8.70	-13.00	1536.25	429.88	-523.85	180.89	-44.17	-54.88
26763	1.67	-8.70	-13.00	1508.85	445.93	-557.39	162.06	-43.56	-54.45
26764	0.56	-8.70	-13.00	1482.06	461.87	-591.35	144.21	-43.16	-54.22
26765	17.50	-8.10	-14.33	2057.37	217.59	-93.84	644.78	64.96	0.93
26766	16.37	-8.10	-14.33	2118.93	255.74	-125.63	601.96	39.22	-5.20
26767	15.24	-8.10	-14.33	2152.56	291.09	-157.50	557.35	19.04	-8.26
26768	14.11	-8.10	-14.33	2163.54	323.76	-189.50	513.42	2.08	-9.30
26769	12.98	-8.10	-14.33	2156.13	353.41	-221.72	470.51	-11.33	-10.06
26770	11.85	-8.10	-14.33	2134.90	379.05	-254.25	430.09	-21.30	-10.67
26771	10.73	-8.10	-14.33	2103.37	402.11	-287.04	392.89	-28.37	-11.03
26772	9.60	-8.10	-14.33	2065.05	423.84	-319.99	358.48	-32.99	-11.12
26773	8.47	-8.10	-14.33	2022.97	444.68	-353.09	326.72	-35.81	-10.91
26774	7.34	-8.10	-14.33	1979.38	465.08	-386.34	297.42	-37.31	-10.55
26775	6.21	-8.10	-14.33	1936.00	485.27	-419.76	270.33	-37.82	-10.15
26776	5.08	-8.10	-14.33	1894.01	505.42	-453.33	245.23	-37.65	-9.75
26777	3.95	-8.10	-14.33	1854.17	525.61	-487.04	221.95	-37.06	-9.35
26778	2.82	-8.10	-14.33	1816.86	545.88	-520.87	200.29	-36.27	-8.98
26779	1.69	-8.10	-14.33	1782.18	566.24	-554.79	180.08	-35.45	-8.66
26780	0.56	-8.10	-14.33	1750.05	586.64	-588.81	161.15	-34.72	-8.40
26781	17.23	-8.70	-14.33	2000.32	234.47	-99.26	677.53	55.52	0.76
26782	16.11	-8.70	-14.33	2059.95	267.95	-130.57	630.72	32.87	-6.35
26783	15.00	-8.70	-14.33	2094.14	299.54	-161.79	583.37	14.60	-8.46
26784	13.89	-8.70	-14.33	2107.32	329.28	-193.14	537.52	-2.30	-9.01
26785	12.78	-8.70	-14.33	2103.08	355.99	-224.85	492.98	-13.87	-10.57
26786	11.67	-8.70	-14.33	2084.90	378.14	-257.09	452.13	-22.72	-11.32
26787	10.56	-8.70	-14.33	2056.62	398.68	-289.54	414.65	-28.60	-12.11
26788	9.45	-8.70	-14.33	2021.81	418.53	-322.08	379.87	-32.21	-12.29
26789	8.34	-8.70	-14.33	1983.25	437.82	-354.72	347.79	-34.47	-12.00
26790	7.22	-8.70	-14.33	1943.10	456.98	-387.47	318.07	-35.61	-11.59
26791	6.11	-8.70	-14.33	1902.98	476.09	-420.36	290.53	-35.89	-11.11
26792	5.00	-8.70	-14.33	1864.00	495.25	-453.39	264.98	-35.59	-10.64
26793	3.89	-8.70	-14.33	1826.86	514.54	-486.56	241.23	-34.94	-10.18
26794	2.78	-8.70	-14.33	1791.94	533.97	-519.84	219.09	-34.15	-9.76
26795	1.67	-8.70	-14.33	1759.35	553.53	-553.23	198.38	-33.37	-9.40
26796	0.56	-8.70	-14.33	1729.01	573.16	-586.71	178.92	-32.74	-9.14
26797	-0.56	-8.10	-11.67	1232.47	379.66	-637.50	94.10	-60.60	-87.84
26798	-1.69	-8.10	-11.67	1206.64	392.48	-674.32	79.97	-63.33	-88.05
26799	-2.82	-8.10	-11.67	1179.69	404.80	-712.10	66.46	-67.35	-88.68
26800	-3.95	-8.10	-11.67	1151.47	416.51	-751.04	53.53	-73.01	-89.94
26801	-5.08	-8.10	-11.67	1121.80	427.48	-791.38	41.16	-80.77	-92.02
26802	-6.21	-8.10	-11.67	1090.48	437.57	-833.43	29.31	-91.19	-95.19
26803	-7.34	-8.10	-11.67	1057.31	446.64	-877.44	17.90	-105.00	-99.68
26804	-8.47	-8.10	-11.67	1022.03	454.52	-923.49	6.83	-123.03	-105.71
26805	-9.60	-8.10	-11.67	984.24	461.04	-971.32	-4.05	-146.19	-113.40
26806	-10.73	-8.10	-11.67	943.31	466.00	-1020.16	-15.05	-175.32	-122.65
26807	-11.85	-8.10	-11.67	898.40	469.15	-1068.53	-26.56	-211.07	-133.18
26808	-12.98	-8.10	-11.67	848.30	470.21	-1114.26	-39.09	-253.39	-144.44
26809	-14.11	-8.10	-11.67	791.62	468.77	-1154.68	-53.14	-301.07	-155.80
26810	-15.24	-8.10	-11.67	727.35	464.93	-1186.82	-68.70	-350.75	-166.16
26811	-16.37	-8.10	-11.67	654.89	459.17	-1208.18	-85.40	-397.11	-173.12
26812	-17.50	-8.10	-11.67	574.73	452.24	-1217.23	-102.44	-434.52	-174.14
26813	-0.56	-8.70	-11.67	1215.70	371.38	-636.18	99.90	-59.46	-92.37
26814	-1.67	-8.70	-11.67	1190.94	383.66	-672.73	85.36	-62.46	-92.82
26815	-2.78	-8.70	-11.67	1165.06	395.53	-710.27	71.39	-66.77	-93.79
26816	-3.89	-8.70	-11.67	1137.90	406.82	-748.96	58.00	-72.74	-95.44
26817	-5.00	-8.70	-11.67	1109.27	417.43	-789.04	45.15	-80.82	-98.01
26818	-6.11	-8.70	-11.67	1079.02	427.21	-830.76	32.80	-91.56	-101.72
26819	-7.22	-8.70	-11.67	1046.93	435.99	-874.29	20.87	-105.64	-106.81
26820	-8.34	-8.70	-11.67	1012.77	443.61	-919.67	9.25	-123.81	-113.50
26821	-9.45	-8.70	-11.67	976.17	449.88	-966.56	-2.23	-146.88	-121.87
26822	-10.56	-8.70	-11.67	936.52	454.66	-1014.12	-13.81	-175.49	-131.81
26823	-11.67	-8.70	-11.67	892.94	457.56	-1060.89	-26.05	-210.17	-142.85
26824	-12.78	-8.70	-11.67	844.61	458.44	-1104.75	-39.21	-250.99	-154.55
26825	-13.89	-8.70	-11.67	789.80	456.89	-1143.35	-53.79	-296.63	-165.80
26826	-15.00	-8.70	-11.67	727.19	452.94	-1174.16	-70.24	-344.97	-176.56
26827	-16.11	-8.70	-11.67	657.76	447.06	-1194.86	-87.92	-389.25	-184.14
26828	-17.23	-8.70	-11.67	581.11	440.20	-1204.24	-105.59	-424.95	-185.03
26829	-0.56	-8.10	-13.00	1473.73	486.67	-627.36	120.17	-44.24	-50.72



Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
26830	-1.69	-8.10	-13.00	1446.32	502.77	-662.51	104.49	-44.81	-50.82
26831	-2.82	-8.10	-13.00	1418.89	518.39	-698.10	89.44	-46.36	-51.32
26832	-3.95	-8.10	-13.00	1391.04	533.35	-734.20	74.87	-49.16	-52.36
26833	-5.08	-8.10	-13.00	1362.26	547.43	-770.95	60.64	-53.60	-54.12
26834	-6.21	-8.10	-13.00	1331.94	560.36	-808.48	46.57	-60.14	-56.77
26835	-7.34	-8.10	-13.00	1299.30	571.85	-846.90	32.45	-69.36	-60.50
26836	-8.47	-8.10	-13.00	1263.42	581.55	-886.23	18.04	-81.91	-65.45
26837	-9.60	-8.10	-13.00	1223.17	589.10	-926.33	3.09	-98.43	-71.65
26838	-10.73	-8.10	-13.00	1177.16	594.12	-966.78	-12.69	-119.42	-78.87
26839	-11.85	-8.10	-13.00	1123.91	596.21	-1006.81	-29.64	-145.25	-86.71
26840	-12.98	-8.10	-13.00	1061.73	594.87	-1045.45	-48.07	-175.75	-94.69
26841	-14.11	-8.10	-13.00	989.16	589.23	-1081.70	-68.24	-209.98	-102.52
26842	-15.24	-8.10	-13.00	905.54	579.08	-1114.54	-89.57	-245.27	-109.88
26843	-16.37	-8.10	-13.00	810.75	565.05	-1142.77	-111.12	-277.46	-115.19
26844	-17.50	-8.10	-13.00	705.08	548.34	-1166.39	-131.93	-303.64	-116.73
26845	-0.56	-8.70	-13.00	1455.79	477.58	-625.70	127.26	-43.20	-54.20
26846	-1.67	-8.70	-13.00	1429.50	492.95	-660.47	111.10	-44.03	-54.51
26847	-2.78	-8.70	-13.00	1403.09	507.89	-695.67	95.52	-45.85	-55.27
26848	-3.89	-8.70	-13.00	1376.18	522.17	-731.39	80.39	-48.97	-56.64
26849	-5.00	-8.70	-13.00	1348.26	535.59	-767.73	65.58	-53.73	-58.76
26850	-6.11	-8.70	-13.00	1318.73	547.88	-804.82	50.90	-60.59	-61.82
26851	-7.22	-8.70	-13.00	1286.86	558.74	-842.73	36.13	-70.09	-66.00
26852	-8.34	-8.70	-13.00	1251.78	567.83	-881.46	21.03	-82.83	-71.41
26853	-9.45	-8.70	-13.00	1212.47	574.77	-920.84	5.35	-99.36	-78.10
26854	-10.56	-8.70	-13.00	1167.68	579.31	-960.40	-11.15	-120.01	-85.80
26855	-11.67	-8.70	-13.00	1115.88	580.92	-999.37	-28.96	-145.05	-93.91
26856	-12.78	-8.70	-13.00	1056.12	579.29	-1036.65	-48.15	-174.43	-102.04
26857	-13.89	-8.70	-13.00	986.32	573.57	-1071.45	-68.97	-207.11	-109.46
26858	-15.00	-8.70	-13.00	905.31	563.39	-1103.26	-91.54	-241.71	-117.05
26859	-16.11	-8.70	-13.00	814.90	549.43	-1130.94	-114.51	-272.40	-123.06
26860	-17.23	-8.70	-13.00	713.81	532.95	-1154.62	-136.15	-297.13	-124.74
26861	-0.56	-8.10	-14.33	1720.21	606.96	-622.90	143.31	-34.19	-8.22
26862	-1.69	-8.10	-14.33	1692.27	627.06	-657.08	126.43	-33.96	-8.16
26863	-2.82	-8.10	-14.33	1665.74	646.83	-691.35	110.27	-34.13	-8.28
26864	-3.95	-8.10	-14.33	1640.02	666.01	-725.74	94.59	-34.80	-8.64
26865	-5.08	-8.10	-14.33	1614.32	684.31	-760.28	79.15	-36.12	-9.32
26866	-6.21	-8.10	-14.33	1587.64	701.35	-794.99	63.60	-38.30	-10.39
26867	-7.34	-8.10	-14.33	1558.68	716.65	-829.91	47.58	-41.58	-11.95
26868	-8.47	-8.10	-14.33	1525.81	729.65	-865.05	30.64	-46.27	-14.05
26869	-9.60	-8.10	-14.33	1487.04	739.72	-900.36	12.28	-52.63	-16.72
26870	-10.73	-8.10	-14.33	1440.12	746.19	-935.74	-7.97	-60.86	-19.81
26871	-11.85	-8.10	-14.33	1382.57	748.39	-970.97	-30.41	-71.10	-23.08
26872	-12.98	-8.10	-14.33	1311.63	745.55	-1005.81	-55.27	-83.33	-26.22
26873	-14.11	-8.10	-14.33	1224.67	736.07	-1040.12	-82.63	-97.26	-29.28
26874	-15.24	-8.10	-14.33	1119.94	718.92	-1073.74	-111.51	-111.69	-32.53
26875	-16.37	-8.10	-14.33	997.41	694.78	-1106.40	-140.71	-124.34	-35.09
26876	-17.50	-8.10	-14.33	859.78	664.93	-1136.93	-169.22	-133.04	-36.75
26877	-0.56	-8.70	-14.33	1700.74	592.73	-620.28	160.53	-32.30	-8.97
26878	-1.67	-8.70	-14.33	1673.98	612.08	-653.98	143.06	-32.26	-8.94
26879	-2.78	-8.70	-14.33	1648.44	631.08	-687.76	126.20	-32.65	-9.13
26880	-3.89	-8.70	-14.33	1623.53	649.45	-721.66	109.76	-33.58	-9.60
26881	-5.00	-8.70	-14.33	1598.45	666.87	-755.70	93.48	-35.20	-10.42
26882	-6.11	-8.70	-14.33	1572.23	682.95	-789.92	77.02	-37.72	-11.66
26883	-7.22	-8.70	-14.33	1543.59	697.23	-824.33	59.99	-41.36	-13.40
26884	-8.34	-8.70	-14.33	1510.99	709.17	-858.95	41.94	-46.40	-15.72
26885	-9.45	-8.70	-14.33	1472.54	718.15	-893.73	22.34	-53.12	-18.63
26886	-10.56	-8.70	-14.33	1426.21	723.66	-928.54	0.70	-61.63	-21.98
26887	-11.67	-8.70	-14.33	1369.92	725.01	-963.17	-23.43	-71.96	-25.34
26888	-12.78	-8.70	-14.33	1301.80	721.93	-997.21	-49.86	-84.14	-28.42
26889	-13.89	-8.70	-14.33	1219.08	712.78	-1030.59	-78.66	-97.58	-30.75
26890	-15.00	-8.70	-14.33	1119.32	695.36	-1063.45	-109.05	-111.96	-34.07
26891	-16.11	-8.70	-14.33	1002.85	670.55	-1095.54	-139.08	-123.25	-37.35
26892	-17.23	-8.70	-14.33	871.48	641.21	-1125.52	-168.31	-130.29	-39.11
26893	-22.14	-8.10	-11.67	59.30	427.20	-1165.58	-141.58	-112.78	34.99
26894	-21.91	-8.70	-11.67	68.44	419.29	-1158.75	-149.49	-113.45	36.37
26895	-21.23	-8.10	-11.67	123.02	426.80	-1126.71	-154.31	-264.03	-31.00
26896	-20.99	-8.70	-11.67	131.99	416.19	-1119.26	-163.48	-262.58	-34.75
26897	-20.33	-8.10	-11.67	221.70	428.48	-1149.08	-153.28	-377.95	-89.64
26898	-20.07	-8.70	-11.67	231.43	417.47	-1140.39	-161.15	-373.56	-96.67
26899	-19.42	-8.10	-11.67	340.65	434.49	-1183.71	-141.73	-443.52	-135.53
26900	-19.16	-8.70	-11.67	350.42	422.87	-1173.65	-148.10	-436.45	-145.11
26901	-18.52	-8.10	-11.67	468.55	443.73	-1209.55	-122.31	-456.90	-164.37
26902	-18.24	-8.70	-11.67	477.31	431.90	-1197.85	-126.81	-447.84	-175.07
26903	-22.14	-8.10	-13.00	66.62	472.17	-1290.87	-158.68	-62.28	35.36
26904	-21.91	-8.70	-13.00	76.76	463.71	-1283.77	-168.48	-62.93	35.83
26905	-21.23	-8.10	-13.00	137.62	474.71	-1231.96	-178.43	-169.06	-12.35
26906	-20.99	-8.70	-13.00	148.46	462.57	-1223.79	-189.05	-168.00	-15.07
26907	-20.33	-8.10	-13.00	254.49	484.16	-1215.76	-183.09	-257.07	-56.56
26908	-20.07	-8.70	-13.00	266.75	471.01	-1206.74	-192.63	-253.86	-61.92
26909	-19.42	-8.10	-13.00	403.27	503.08	-1204.70	-173.98	-307.56	-90.18
26910	-19.16	-8.70	-13.00	415.88	488.76	-1194.79	-181.86	-302.52	-97.51
26911	-18.52	-8.10	-13.00	567.70	527.37	-1187.64	-154.05	-318.66	-110.59
26912	-18.24	-8.70	-13.00	579.38	512.45	-1176.61	-159.76	-312.35	-118.64
26913	-22.14	-8.10	-14.33	40.80	524.02	-1352.83	-188.05	-25.75	29.21
26914	-21.91	-8.70	-14.33	53.80	510.71	-1344.29	-190.66	-24.37	29.34
26915	-21.23	-8.10	-14.33	100.69	519.47	-1301.24	-226.13	-71.22	2.98
26916	-20.99	-8.70	-14.33	115.50	502.86	-1291.60	-233.59	-69.55	3.07
26917	-20.33	-8.10	-14.33	240.51	539.62	-1259.19	-238.11	-111.92	-15.76
26918	-20.07	-8.70	-14.33	257.28	520.48	-1249.00	-244.84	-109.54	-17.26
26919	-19.42	-8.10	-14.33	440.35	578.14	-1218.73	-227.27	-133.56	-30.01
26920	-19.16	-8.70	-14.33	457.34	557.44	-1207.96	-232.18	-130.70	-32.31
26921	-18.52	-8.10	-14.33	667.94	624.49	-1175.07	-200.51	-138.41	-37.28
26922	-18.24	-8.70	-14.33	683.35	602.32	-1163.72	-202.34	-135.30	-39.82
26923	11.67	-9.50	-11.67	1382.16	231.07	-314.03	328.51	30.74	-95.32
26924	12.71	-9.45	-11.67	1389.00	221.93	-295.86	351.85	63.17	-91.58
26925	13.75	-9.40	-11.67	1391.85	212.78	-278.70	375.91	101.92	-85.09
26926	11.86	-10.51	-11.67	1316.34	230.24	-304.08	352.05	42.25	-102.47
26927	12.77	-10.36	-11.67	1324.61	224.03	-287.82	371.93	70.08	-98.11
26928	13.67	-10.20	-11.67	1330.92	218.12	-272.58	391.99	101.66	-91.87

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
26929	12.05	-11.51	-11.67	1245.49	230.17	-293.09	371.29	53.73	-109.67
26930	12.82	-11.26	-11.67	1257.14	225.88	-279.40	387.61	75.88	-103.56
26931	13.59	-10.99	-11.67	1268.94	223.12	-266.51	402.81	103.73	-98.25
26932	0.56	-9.90	-11.67	1199.72	342.90	-598.93	125.97	-54.93	-102.41
26933	1.69	-9.89	-11.67	1221.14	330.97	-563.38	143.32	-53.04	-102.03
26934	2.81	-9.87	-11.67	1242.01	319.08	-528.99	161.31	-51.50	-101.90
26935	3.93	-9.85	-11.67	1262.44	307.28	-495.90	179.96	-49.83	-101.95
26936	5.05	-9.82	-11.67	1282.47	295.65	-464.30	199.25	-47.43	-102.08
26937	6.17	-9.78	-11.67	1302.09	284.24	-434.39	219.19	-43.58	-102.24
26938	7.28	-9.74	-11.67	1321.15	273.08	-406.36	239.77	-37.42	-102.32
26939	8.39	-9.69	-11.67	1339.34	262.19	-380.30	261.01	-27.97	-102.20
26940	9.50	-9.63	-11.67	1356.15	251.61	-356.20	282.90	-14.13	-101.68
26941	10.60	-9.56	-11.67	1370.89	241.35	-334.00	305.49	5.22	-100.73
26942	0.58	-11.69	-11.67	1136.29	317.00	-597.52	138.83	-51.49	-119.41
26943	1.75	-11.67	-11.67	1155.76	306.63	-559.93	158.31	-48.25	-117.97
26944	2.91	-11.62	-11.67	1174.87	296.63	-523.77	178.36	-45.50	-116.92
26945	4.07	-11.55	-11.67	1193.79	287.06	-489.21	198.95	-42.72	-116.16
26946	5.22	-11.46	-11.67	1212.63	277.95	-456.43	220.02	-39.26	-115.57
26947	6.37	-11.35	-11.67	1231.43	269.27	-425.61	241.52	-34.37	-115.04
26948	7.51	-11.21	-11.67	1250.16	261.00	-396.88	263.41	-27.18	-114.39
26949	8.64	-11.06	-11.67	1268.62	253.06	-370.27	285.60	-16.74	-113.40
26950	9.75	-10.88	-11.67	1286.46	245.36	-345.73	308.04	-2.03	-111.85
26951	10.86	-10.68	-11.67	1303.23	237.81	-323.21	330.63	18.09	-109.38
26952	0.60	-13.49	-11.67	1066.66	288.49	-597.39	146.78	-49.95	-142.05
26953	1.81	-13.45	-11.67	1083.82	280.07	-557.73	168.10	-44.78	-138.93
26954	3.02	-13.37	-11.67	1100.88	272.37	-519.66	189.94	-40.28	-136.30
26955	4.21	-13.26	-11.67	1118.02	265.41	-483.37	212.22	-35.89	-134.07
26956	5.40	-13.10	-11.67	1135.42	259.18	-449.07	234.90	-30.95	-132.11
26957	6.58	-12.91	-11.67	1153.23	253.61	-416.92	257.91	-24.69	-130.22
26958	7.74	-12.69	-11.67	1171.51	248.57	-387.06	281.16	-16.28	-128.18
26959	8.88	-12.43	-11.67	1190.24	243.91	-359.53	304.55	-4.82	-125.67
26960	10.01	-12.13	-11.67	1209.28	239.43	-334.25	327.94	10.67	-122.32
26961	11.11	-11.80	-11.67	1228.45	234.92	-311.28	351.12	31.45	-117.92
26962	0.63	-15.29	-11.67	992.00	255.61	-595.52	150.00	-51.13	-170.08
26963	1.88	-15.23	-11.67	1006.72	249.63	-554.08	172.94	-43.52	-164.73
26964	3.12	-15.12	-11.67	1021.55	244.69	-514.24	196.29	-36.77	-159.87
26965	4.36	-14.96	-11.67	1036.73	240.81	-476.22	220.02	-30.33	-155.44
26966	5.58	-14.75	-11.67	1052.53	237.93	-440.28	244.07	-23.52	-151.32
26967	6.78	-14.48	-11.67	1069.18	235.92	-406.64	268.39	-15.62	-147.30
26968	7.97	-14.16	-11.67	1086.87	234.58	-375.47	292.91	-5.85	-143.11
26969	9.13	-13.80	-11.67	1105.78	233.67	-346.87	317.52	6.62	-138.34
26970	10.27	-13.38	-11.67	1126.06	232.87	-320.84	342.03	22.70	-132.53
26971	11.37	-12.92	-11.67	1147.79	231.91	-297.51	366.11	43.49	-124.98
26972	0.65	-17.08	-11.67	913.68	215.74	-586.22	148.28	-55.47	-199.30
26973	1.94	-17.01	-11.67	925.95	212.74	-543.81	172.72	-45.23	-191.62
26974	3.22	-16.87	-11.67	938.53	211.18	-502.90	197.45	-35.95	-184.27
26975	4.50	-16.66	-11.67	951.72	211.02	-463.78	222.43	-27.14	-177.27
26976	5.75	-16.39	-11.67	965.86	212.12	-426.74	247.65	-18.20	-170.56
26977	6.99	-16.04	-11.67	981.26	214.32	-392.05	273.10	-8.45	-163.96
26978	8.20	-15.64	-11.67	998.27	217.35	-359.98	298.72	2.80	-157.19
26979	9.38	-15.17	-11.67	1017.29	220.85	-330.70	324.45	16.31	-149.82
26980	10.52	-14.63	-11.67	1038.77	224.38	-304.36	350.12	32.82	-141.30
26981	11.63	-14.04	-11.67	1063.28	227.37	-281.12	375.30	53.36	-131.02
26982	0.67	-18.88	-11.67	833.09	167.97	-564.15	141.13	-63.35	-220.93
26983	2.00	-18.79	-11.67	843.08	168.40	-521.99	167.04	-50.74	-211.67
26984	3.33	-18.62	-11.67	853.57	170.78	-481.27	193.09	-39.04	-202.55
26985	4.64	-18.37	-11.67	864.90	174.95	-442.29	219.25	-27.84	-193.61
26986	5.93	-18.03	-11.67	877.45	180.71	-405.34	245.54	-16.63	-184.84
26987	7.20	-17.61	-11.67	891.64	187.80	-370.74	271.96	-4.85	-176.11
26988	8.43	-17.11	-11.67	907.96	195.89	-338.79	298.56	8.11	-167.17
26989	9.63	-16.54	-11.67	927.00	204.54	-309.77	325.32	22.87	-157.64
26990	10.78	-15.88	-11.67	949.52	213.18	-283.92	352.18	40.05	-147.02
26991	11.89	-15.16	-11.67	976.63	220.92	-261.50	378.91	60.16	-134.40
26992	16.80	-9.56	-11.67	1344.09	195.15	-221.13	456.27	263.37	-38.64
26993	16.19	-10.65	-11.67	1250.09	212.26	-216.06	465.50	221.19	-53.73
26994	15.51	-11.70	-11.67	1167.45	224.91	-214.90	461.19	183.85	-71.67
26995	15.78	-9.48	-11.67	1367.56	198.73	-241.99	428.82	205.56	-61.09
26996	15.36	-10.44	-11.67	1288.84	211.16	-237.39	439.98	180.79	-71.30
26997	14.89	-11.36	-11.67	1214.83	221.15	-234.82	441.89	157.19	-81.54
26998	14.77	-9.41	-11.67	1384.69	204.67	-261.15	401.51	153.27	-74.47
26999	14.53	-10.23	-11.67	1319.94	213.41	-256.23	414.37	143.01	-83.08
27000	14.27	-11.03	-11.67	1255.73	220.46	-252.26	422.07	128.21	-90.70
27001	12.91	-14.38	-11.67	1009.07	227.92	-243.33	403.69	84.84	-124.03
27002	12.60	-13.43	-11.67	1090.56	229.86	-262.93	397.40	76.57	-122.96
27003	12.30	-12.48	-11.67	1168.78	230.81	-279.71	385.96	66.06	-118.92
27004	13.85	-13.56	-11.67	1050.01	231.55	-229.53	426.93	112.60	-108.33
27005	13.44	-12.81	-11.67	1122.46	229.45	-249.55	416.19	100.67	-110.60
27006	13.05	-12.07	-11.67	1189.87	228.51	-266.84	401.67	87.17	-110.58
27007	14.73	-12.67	-11.67	1100.82	231.43	-219.42	447.56	144.45	-91.21
27008	14.25	-12.15	-11.67	1159.41	227.39	-238.73	433.35	127.73	-96.88
27009	13.77	-11.64	-11.67	1213.07	223.43	-255.84	416.63	111.61	-98.07
27010	11.67	-9.50	-13.00	1687.03	299.04	-273.95	403.24	6.66	-59.78
27011	12.71	-9.45	-13.00	1695.23	284.95	-248.22	433.96	29.32	-57.72
27012	13.75	-9.40	-13.00	1695.59	269.72	-223.91	465.81	56.82	-54.11
27013	11.86	-10.51	-13.00	1611.73	295.17	-262.87	434.37	15.45	-65.06
27014	12.77	-10.36	-13.00	1621.09	285.05	-240.65	460.78	34.97	-62.57
27015	13.67	-10.20	-13.00	1625.95	274.42	-220.09	487.15	57.08	-59.29
27016	12.05	-11.51	-13.00	1530.09	292.24	-251.88	460.37	24.68	-71.09
27017	12.82	-11.26	-13.00	1543.35	285.28	-233.68	481.85	40.21	-66.93
27018	13.59	-10.99	-13.00	1554.23	278.73	-217.20	502.57	60.45	-64.50
27019	0.56	-9.90	-13.00	1439.54	443.47	-587.87	159.43	-40.30	-60.98
27020	1.69	-9.89	-13.00	1464.63	428.64	-553.31	178.94	-40.31	-60.89
27021	2.81	-9.87	-13.00	1490.32	413.85	-519.30	199.34	-40.60	-61.08
27022	3.93	-9.85	-13.00	1516.70	399.16	-485.89	220.74	-40.81	-61.47
27023	5.05	-9.82	-13.00	1543.72	384.63	-453.15	243.21	-40.49	-62.01
27024	6.17	-9.78	-13.00	1571.14	370.25	-421.17	266.83	-39.13	-62.65
27025	7.28	-9.74	-13.00	1598.52	356.01	-390.03	291.66	-36.12	-63.31
27026	8.39	-9.69	-13.00	1625.14	341.84	-359.73	317.72	-30.80	-63.87
27027	9.50	-9.63	-13.00	1649.98	327.70	-330.23	345.03	-22.46	-64.16

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
27028	10.60	-9.56	-13.00	1671.56	313.55	-301.36	373.63	-10.30	-64.13
27029	0.58	-11.69	-13.00	1371.26	411.71	-581.61	175.92	-36.29	-73.30
27030	1.75	-11.67	-13.00	1394.10	398.82	-545.46	198.10	-35.27	-72.46
27031	2.91	-11.62	-13.00	1417.65	386.23	-510.09	221.10	-34.68	-72.01
27032	4.07	-11.55	-13.00	1442.08	374.03	-475.52	244.98	-34.10	-71.86
27033	5.22	-11.46	-13.00	1467.41	362.22	-441.85	269.78	-33.05	-71.92
27034	6.37	-11.35	-13.00	1493.50	350.78	-409.19	295.52	-30.99	-72.10
27035	7.51	-11.21	-13.00	1520.03	339.62	-377.60	322.19	-27.34	-72.26
27036	8.64	-11.06	-13.00	1546.45	328.60	-347.07	349.73	-21.47	-72.22
27037	9.75	-10.88	-13.00	1571.96	317.59	-317.52	377.97	-12.75	-71.79
27038	10.86	-10.68	-13.00	1595.32	306.46	-288.64	406.78	-0.43	-70.62
27039	0.60	-13.49	-13.00	1295.56	374.77	-575.59	186.51	-34.87	-90.68
27040	1.81	-13.45	-13.00	1315.85	364.47	-537.88	211.24	-32.36	-88.59
27041	3.02	-13.37	-13.00	1336.93	354.77	-501.10	236.67	-30.44	-86.97
27042	4.21	-13.26	-13.00	1359.07	345.74	-465.28	262.85	-28.63	-85.72
27043	5.40	-13.10	-13.00	1382.38	337.36	-430.56	289.81	-26.44	-84.74
27044	6.58	-12.91	-13.00	1406.85	329.56	-397.06	317.58	-23.35	-83.89
27045	7.74	-12.69	-13.00	1432.30	322.17	-364.87	346.10	-18.77	-82.98
27046	8.88	-12.43	-13.00	1458.39	314.97	-334.01	375.27	-12.12	-81.79
27047	10.01	-12.13	-13.00	1484.64	307.71	-304.40	404.83	-2.81	-79.99
27048	11.11	-11.80	-13.00	1510.17	300.14	-275.71	434.51	10.00	-77.49
27049	0.63	-15.29	-13.00	1212.80	328.97	-569.25	191.59	-35.90	-111.60
27050	1.88	-15.23	-13.00	1230.50	322.04	-530.12	218.78	-31.54	-107.91
27051	3.12	-15.12	-13.00	1249.04	316.09	-491.97	246.51	-27.91	-104.65
27052	4.36	-14.96	-13.00	1268.78	311.16	-454.89	274.83	-24.53	-101.78
27053	5.58	-14.75	-13.00	1289.93	307.18	-419.06	303.77	-20.93	-99.21
27054	6.78	-14.48	-13.00	1312.62	304.02	-384.63	333.37	-16.60	-96.78
27055	7.97	-14.16	-13.00	1336.83	301.44	-351.73	363.59	-10.99	-94.28
27056	9.13	-13.80	-13.00	1362.48	299.11	-320.46	394.30	-3.51	-91.40
27057	10.27	-13.38	-13.00	1389.43	296.60	-290.84	425.22	6.41	-87.78
27058	11.37	-12.92	-13.00	1417.28	293.58	-262.66	455.99	19.45	-82.85
27059	0.65	-17.08	-13.00	1123.93	272.55	-559.74	190.26	-39.28	-132.94
27060	1.94	-17.01	-13.00	1139.28	269.72	-519.55	219.90	-32.94	-127.61
27061	3.22	-16.87	-13.00	1155.49	268.40	-480.35	249.87	-27.40	-122.58
27062	4.50	-16.66	-13.00	1172.99	268.54	-442.29	280.22	-22.24	-117.87
27063	5.75	-16.39	-13.00	1192.10	270.01	-405.58	311.00	-17.03	-113.43
27064	6.99	-16.04	-13.00	1213.05	272.58	-370.43	342.27	-11.31	-109.12
27065	8.20	-15.64	-13.00	1236.05	275.93	-337.01	374.03	-4.56	-104.73
27066	9.38	-15.17	-13.00	1261.29	279.57	-305.49	406.18	3.75	-99.95
27067	10.52	-14.63	-13.00	1289.01	282.88	-276.04	438.46	14.14	-94.30
27068	11.63	-14.04	-13.00	1319.49	285.17	-248.63	470.42	27.26	-87.31
27069	0.67	-18.88	-13.00	1030.32	206.93	-544.73	181.83	-45.24	-148.41
27070	2.00	-18.79	-13.00	1043.73	208.63	-503.98	213.85	-37.11	-142.00
27071	3.33	-18.62	-13.00	1058.07	212.51	-464.25	246.03	-29.72	-135.77
27072	4.64	-18.37	-13.00	1073.74	218.39	-425.76	278.35	-22.74	-129.73
27073	5.93	-18.03	-13.00	1091.10	226.06	-388.72	310.89	-15.82	-123.87
27074	7.20	-17.61	-13.00	1110.56	235.19	-353.37	343.74	-8.55	-118.07
27075	8.43	-17.11	-13.00	1132.51	245.33	-319.93	376.97	-0.48	-112.18
27076	9.63	-16.54	-13.00	1157.43	255.86	-288.63	410.53	8.85	-105.89
27077	10.78	-15.88	-13.00	1185.95	265.95	-259.72	444.30	19.89	-98.81
27078	11.89	-15.16	-13.00	1219.01	274.50	-233.35	477.97	32.86	-90.14
27079	16.80	-9.56	-13.00	1603.98	227.91	-152.53	569.79	179.40	-24.29
27080	16.19	-10.65	-13.00	1509.47	252.07	-156.90	582.54	147.07	-34.45
27081	15.51	-11.70	-13.00	1424.78	270.81	-164.04	578.92	119.49	-47.32
27082	15.78	-9.48	-13.00	1649.58	240.46	-176.40	535.07	134.35	-39.32
27083	15.36	-10.44	-13.00	1565.10	256.82	-178.83	549.84	116.04	-46.07
27084	14.89	-11.36	-13.00	1485.14	270.25	-183.00	553.17	98.90	-53.03
27085	14.77	-9.41	-13.00	1680.60	254.26	-200.46	499.69	95.59	-47.48
27086	14.53	-10.23	-13.00	1607.94	264.48	-200.04	516.55	88.38	-53.87
27087	14.27	-11.03	-13.00	1537.17	272.82	-200.71	526.81	77.12	-59.68
27088	12.91	-14.38	-13.00	1256.69	281.30	-210.60	509.19	49.61	-84.05
27089	12.60	-13.43	-13.00	1351.14	286.26	-225.91	498.38	42.89	-82.68
27090	12.30	-12.48	-13.00	1441.55	290.07	-240.07	481.32	34.72	-79.38
27091	13.85	-13.56	-13.00	1302.37	283.75	-191.70	538.18	68.51	-72.86
27092	13.44	-12.81	-13.00	1387.16	284.09	-208.17	522.07	59.28	-73.66
27093	13.05	-12.07	-13.00	1465.71	285.59	-223.26	501.44	49.41	-73.41
27094	14.73	-12.67	-13.00	1356.10	281.42	-175.77	563.39	90.24	-61.05
27095	14.25	-12.15	-13.00	1426.26	279.86	-192.78	543.42	77.40	-64.07
27096	13.77	-11.64	-13.00	1490.20	278.55	-208.64	520.27	66.43	-64.09
27097	11.67	-9.50	-14.33	2024.56	375.09	-252.35	480.89	-18.81	-12.06
27098	12.71	-9.45	-14.33	2039.62	357.07	-222.41	519.01	-11.86	-10.76
27099	13.75	-9.40	-14.33	2042.33	335.83	-192.96	561.06	-2.80	-9.23
27100	11.86	-10.51	-14.33	1944.43	369.60	-240.74	517.20	-13.92	-14.14
27101	12.77	-10.36	-14.33	1958.22	356.10	-215.25	549.71	-9.53	-12.30
27102	13.67	-10.20	-14.33	1962.15	341.02	-190.28	585.26	-3.19	-11.00
27103	12.05	-11.51	-14.33	1854.69	363.20	-229.36	551.56	-10.07	-17.03
27104	12.82	-11.26	-14.33	1870.86	352.38	-208.77	578.64	-8.54	-13.90
27105	13.59	-10.99	-14.33	1882.08	343.60	-188.10	604.27	-2.25	-12.95
27106	0.56	-9.90	-14.33	1683.67	548.42	-581.81	195.77	-25.20	-14.08
27107	1.69	-9.89	-14.33	1712.01	530.38	-547.88	217.03	-25.81	-14.20
27108	2.81	-9.87	-14.33	1742.59	512.54	-514.12	239.54	-26.59	-14.43
27109	3.93	-9.85	-14.33	1775.52	494.95	-480.54	263.47	-27.42	-14.73
27110	5.05	-9.82	-14.33	1810.72	477.63	-447.16	288.98	-28.13	-15.09
27111	6.17	-9.78	-14.33	1847.85	460.53	-414.02	316.20	-28.55	-15.47
27112	7.28	-9.74	-14.33	1886.27	443.55	-381.13	345.30	-28.47	-15.83
27113	8.39	-9.69	-14.33	1924.96	426.56	-348.50	376.34	-27.66	-16.12
27114	9.50	-9.63	-14.33	1962.49	409.45	-316.10	409.36	-25.94	-16.23
27115	10.60	-9.56	-14.33	1996.87	392.31	-283.78	444.38	-23.19	-16.17
27116	0.58	-11.69	-14.33	1612.62	517.26	-572.30	213.44	-20.07	-21.03
27117	1.75	-11.67	-14.33	1638.21	501.15	-537.13	237.72	-20.33	-20.78
27118	2.91	-11.62	-14.33	1666.17	485.40	-502.27	263.16	-20.79	-20.68
27119	4.07	-11.55	-14.33	1696.69	470.09	-467.75	289.92	-21.32	-20.69
27120	5.22	-11.46	-14.33	1729.74	455.24	-433.65	318.16	-21.77	-20.76
27121	6.37	-11.35	-14.33	1765.05	440.76	-400.00	347.99	-21.96	-20.84
27122	7.51	-11.21	-14.33	1802.11	426.50	-366.86	379.48	-21.68	-20.89
27123	8.64	-11.06	-14.33	1840.11	412.23	-334.25	412.61	-20.75	-20.82
27124	9.75	-10.88	-14.33	1877.98	397.73	-302.13	447.19	-19.07	-20.51
27125	10.86	-10.68	-14.33	1914.34	383.18	-270.19	482.70	-16.76	-19.50
27126	0.60	-13.49	-14.33	1532.37	474.42	-563.11	227.90	-19.48	-28.49

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
27127	1.81	-13.45	-14.33	1554.89	461.32	-526.69	255.29	-19.16	-27.71
27128	3.02	-13.37	-14.33	1579.82	448.81	-490.71	283.65	-19.06	-27.15
27129	4.21	-13.26	-14.33	1607.43	436.99	-455.22	313.16	-19.07	-26.72
27130	5.40	-13.10	-14.33	1637.79	425.85	-420.34	343.99	-19.01	-26.39
27131	6.58	-12.91	-14.33	1670.76	415.28	-386.14	376.27	-18.72	-26.09
27132	7.74	-12.69	-14.33	1705.99	405.06	-352.69	410.03	-17.99	-25.73
27133	8.88	-12.43	-14.33	1742.91	394.85	-320.04	445.23	-16.65	-25.22
27134	10.01	-12.13	-14.33	1780.82	384.23	-288.22	481.62	-14.57	-24.41
27135	11.11	-11.80	-14.33	1819.16	373.02	-256.77	518.32	-11.94	-22.81
27136	0.63	-15.29	-14.33	1442.83	416.20	-554.09	235.96	-19.62	-37.34
27137	1.88	-15.23	-14.33	1462.50	407.36	-516.44	266.67	-18.54	-35.88
27138	3.12	-15.12	-14.33	1484.46	399.48	-479.33	298.06	-17.74	-34.63
27139	4.36	-14.96	-14.33	1509.10	392.63	-442.87	330.35	-17.09	-33.53
27140	5.58	-14.75	-14.33	1536.60	386.75	-407.18	363.73	-16.45	-32.55
27141	6.78	-14.48	-14.33	1567.00	381.71	-372.39	398.35	-15.64	-31.60
27142	7.97	-14.16	-14.33	1600.13	377.20	-338.59	434.29	-14.47	-30.60
27143	9.13	-13.80	-14.33	1635.68	372.79	-305.88	471.49	-12.75	-29.40
27144	10.27	-13.38	-14.33	1673.22	367.83	-274.37	509.69	-10.27	-27.87
27145	11.37	-12.92	-14.33	1712.37	361.46	-243.73	548.09	-7.15	-25.00
27146	0.65	-17.08	-14.33	1344.24	340.56	-544.41	236.24	-20.80	-46.59
27147	1.94	-17.01	-14.33	1361.64	337.17	-505.60	270.50	-18.85	-44.43
27148	3.22	-16.87	-14.33	1381.12	335.36	-467.44	305.10	-17.22	-42.43
27149	4.50	-16.66	-14.33	1403.14	335.08	-430.07	340.26	-15.82	-40.55
27150	5.75	-16.39	-14.33	1428.01	336.19	-393.65	376.19	-14.50	-38.77
27151	6.99	-16.04	-14.33	1455.95	338.45	-358.33	413.08	-13.10	-37.04
27152	8.20	-15.64	-14.33	1487.04	341.49	-324.24	451.05	-11.45	-35.24
27153	9.38	-15.17	-14.33	1521.28	344.70	-291.52	490.09	-9.37	-33.24
27154	10.52	-14.63	-14.33	1558.61	347.20	-260.32	529.93	-6.64	-30.80
27155	11.63	-14.04	-14.33	1599.04	347.45	-230.59	569.73	-3.05	-27.12
27156	0.67	-18.88	-14.33	1237.55	249.87	-533.71	227.46	-23.27	-53.57
27157	2.00	-18.79	-14.33	1253.53	252.67	-493.83	265.43	-20.45	-50.99
27158	3.33	-18.62	-14.33	1271.33	257.88	-454.68	303.43	-17.97	-48.49
27159	4.64	-18.37	-14.33	1291.43	265.32	-416.45	341.61	-15.74	-46.05
27160	5.93	-18.03	-14.33	1314.23	274.74	-379.33	380.18	-13.65	-43.64
27161	7.20	-17.61	-14.33	1340.12	285.78	-343.50	419.39	-11.54	-41.22
27162	8.43	-17.11	-14.33	1369.47	297.90	-309.12	459.42	-9.28	-38.72
27163	9.63	-16.54	-14.33	1402.62	310.32	-276.36	500.31	-6.71	-36.01
27164	10.78	-15.88	-14.33	1439.99	321.94	-245.40	541.95	-3.66	-32.89
27165	11.89	-15.16	-14.33	1482.39	330.80	-216.36	583.81	-0.20	-28.48
27166	16.80	-9.56	-14.33	1918.26	256.37	-107.04	704.94	51.03	0.33
27167	16.19	-10.65	-14.33	1813.24	293.62	-116.77	718.82	38.76	-5.20
27168	15.51	-11.70	-14.33	1717.87	319.69	-129.78	716.24	27.64	-9.91
27169	15.78	-9.48	-14.33	1980.66	282.22	-136.42	656.48	31.69	-5.55
27170	15.36	-10.44	-14.33	1881.85	305.90	-142.79	673.63	24.34	-8.80
27171	14.89	-11.36	-14.33	1789.44	323.74	-150.96	680.44	16.18	-9.76
27172	14.77	-9.41	-14.33	2022.79	309.35	-164.73	607.68	15.60	-7.06
27173	14.53	-10.23	-14.33	1937.60	322.78	-166.49	627.61	12.79	-10.15
27174	14.27	-11.03	-14.33	1851.33	331.87	-170.00	641.86	3.71	-11.47
27175	12.91	-14.38	-14.33	1530.40	336.95	-190.16	624.39	5.05	-26.93
27176	12.60	-13.43	-14.33	1642.55	346.49	-204.74	607.09	0.97	-25.64
27177	12.30	-12.48	-14.33	1750.71	355.53	-217.90	582.39	-4.00	-23.27
27178	13.85	-13.56	-14.33	1583.16	337.57	-167.41	662.91	10.03	-21.08
27179	13.44	-12.81	-14.33	1682.95	340.90	-184.18	639.38	3.89	-20.30
27180	13.05	-12.07	-14.33	1777.13	347.40	-198.89	609.82	-2.56	-19.54
27181	14.73	-12.67	-14.33	1642.99	332.02	-146.79	696.74	15.43	-15.61
27182	14.25	-12.15	-14.33	1725.23	332.19	-165.01	668.30	7.30	-14.94
27183	13.77	-11.64	-14.33	1801.68	334.34	-181.22	635.48	0.80	-12.52
27184	0.70	-20.20	-11.67	756.75	118.96	-530.97	129.37	-73.76	-225.01
27185	2.10	-20.10	-11.67	764.99	122.80	-488.21	157.61	-59.05	-215.56
27186	3.49	-19.90	-11.67	773.45	129.11	-446.94	185.82	-45.00	-206.05
27187	4.86	-19.62	-11.67	782.53	137.67	-407.36	214.02	-31.15	-196.50
27188	6.20	-19.23	-11.67	792.61	148.16	-369.80	242.20	-17.02	-186.89
27189	7.52	-18.76	-11.67	804.17	160.29	-334.59	270.42	-2.09	-177.04
27190	8.80	-18.19	-11.67	817.74	173.68	-302.06	298.79	14.18	-166.67
27191	10.04	-17.54	-11.67	834.05	187.84	-272.53	327.40	32.41	-155.30
27192	11.23	-16.80	-11.67	854.08	202.10	-246.34	356.35	53.18	-142.37
27193	12.37	-15.98	-11.67	879.12	215.62	-223.82	385.78	77.13	-127.37
27194	13.44	-15.08	-11.67	911.09	227.92	-205.24	415.20	105.38	-110.07
27195	14.46	-14.11	-11.67	953.60	236.70	-191.00	443.92	139.30	-88.99
27196	15.40	-13.08	-11.67	1011.03	240.06	-181.44	470.72	179.65	-65.05
27197	16.27	-11.98	-11.67	1087.87	235.29	-177.36	492.96	227.69	-37.75
27198	17.06	-10.82	-11.67	1187.25	220.77	-179.82	503.64	283.04	-11.98
27199	17.76	-9.62	-11.67	1308.72	197.97	-189.35	493.83	345.31	7.76
27200	0.74	-21.03	-11.67	687.58	74.33	-491.28	114.19	-85.43	-207.69
27201	2.22	-20.93	-11.67	694.04	81.13	-447.00	145.23	-69.66	-199.55
27202	3.69	-20.72	-11.67	700.03	91.09	-403.90	176.32	-53.88	-190.90
27203	5.14	-20.41	-11.67	705.89	103.61	-362.40	207.23	-37.64	-181.91
27204	6.57	-19.99	-11.67	711.94	118.48	-322.91	237.90	-20.52	-172.45
27205	7.96	-19.48	-11.67	718.53	135.49	-285.78	268.40	-2.03	-162.18
27206	9.32	-18.87	-11.67	726.14	154.29	-251.33	298.87	18.40	-150.57
27207	10.62	-18.17	-11.67	735.42	174.40	-219.89	329.47	41.36	-136.92
27208	11.88	-17.37	-11.67	747.34	195.20	-191.84	360.45	67.50	-120.42
27209	13.07	-16.49	-11.67	763.37	215.98	-167.56	392.01	97.62	-100.15
27210	14.20	-15.53	-11.67	786.15	235.50	-147.43	424.32	132.79	-74.96
27211	15.26	-14.48	-11.67	820.22	251.83	-131.91	457.67	174.45	-43.96
27212	16.24	-13.37	-11.67	873.54	261.95	-121.71	492.20	224.95	-6.62
27213	17.14	-12.19	-11.67	958.29	261.20	-118.36	525.50	287.48	35.15
27214	17.95	-10.95	-11.67	1088.20	244.96	-124.22	548.07	365.31	75.06
27215	18.68	-9.66	-11.67	1267.35	213.56	-141.55	539.21	458.32	100.91
27216	0.78	-21.87	-11.67	619.39	33.79	-452.02	92.71	-100.37	-172.38
27217	2.35	-21.76	-11.67	623.79	44.17	-405.68	126.11	-84.71	-166.07
27218	3.90	-21.54	-11.67	626.96	57.32	-360.34	159.94	-67.45	-159.35
27219	5.43	-21.20	-11.67	629.27	73.16	-316.84	193.30	-48.77	-152.21
27220	6.94	-20.76	-11.67	630.58	91.91	-275.52	225.93	-28.56	-144.02
27221	8.41	-20.20	-11.67	631.01	113.50	-236.47	257.91	-6.29	-133.97
27222	9.83	-19.55	-11.67	630.93	137.62	-199.99	289.33	18.57	-121.26
27223	11.20	-18.79	-11.67	630.85	163.84	-166.42	320.26	46.52	-104.91
27224	12.52	-17.94	-11.67	631.57	191.59	-136.15	350.86	78.08	-83.74
27225	13.77	-17.00	-11.67	634.55	220.10	-109.58	381.40	113.91	-56.32

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
27226	14.95	-15.97	-11.67	642.41	248.23	-87.07	412.56	154.91	-21.01
27227	16.06	-14.85	-11.67	660.27	274.40	-68.98	445.85	202.66	23.93
27228	17.08	-13.67	-11.67	697.73	296.42	-56.06	484.51	259.98	79.86
27229	18.01	-12.41	-11.67	780.09	310.54	-48.85	534.19	334.49	146.56
27230	18.85	-11.08	-11.67	951.73	301.11	-49.67	586.70	439.04	213.57
27231	19.60	-9.70	-11.67	1241.75	256.41	-62.39	594.44	578.51	250.78
27232	0.83	-22.71	-11.67	552.35	4.53	-429.91	64.51	-121.40	-123.29
27233	2.47	-22.59	-11.67	553.23	16.17	-375.76	99.57	-106.28	-118.37
27234	4.11	-22.35	-11.67	553.85	31.16	-325.55	136.19	-86.15	-114.48
27235	5.72	-21.99	-11.67	552.77	48.92	-279.50	171.42	-64.33	-110.55
27236	7.30	-21.52	-11.67	548.83	70.55	-236.02	205.23	-40.46	-104.36
27237	8.85	-20.93	-11.67	542.16	95.96	-194.76	237.71	-13.68	-94.69
27238	10.35	-20.23	-11.67	533.06	124.87	-156.00	268.64	16.42	-80.38
27239	11.79	-19.42	-11.67	521.84	156.77	-120.10	297.76	50.10	-60.11
27240	13.17	-18.52	-11.67	509.11	191.01	-87.47	324.86	87.57	-32.29
27241	14.48	-17.51	-11.67	496.01	226.76	-58.49	349.98	129.07	5.03
27242	15.71	-16.41	-11.67	484.74	262.99	-33.36	373.76	174.98	54.12
27243	16.86	-15.22	-11.67	479.25	298.90	-12.05	398.32	225.97	117.49
27244	17.92	-13.96	-11.67	488.97	335.28	6.17	429.11	283.87	197.66
27245	18.89	-12.62	-11.67	531.74	376.09	22.00	481.34	353.58	295.57
27246	19.75	-11.21	-11.67	722.62	422.24	60.09	596.99	478.83	417.87
27247	20.51	-9.75	-11.67	1249.41	365.84	112.07	694.71	761.08	503.07
27248	0.87	-23.55	-11.67	483.79	-1.74	-447.40	32.79	-148.76	-53.85
27249	2.60	-23.42	-11.67	481.68	5.98	-379.29	68.08	-135.14	-56.66
27250	4.32	-23.17	-11.67	480.05	19.41	-319.61	104.73	-110.90	-58.38
27251	6.01	-22.78	-11.67	476.09	37.11	-269.31	140.04	-84.88	-58.61
27252	7.67	-22.28	-11.67	466.76	59.77	-222.47	173.59	-56.35	-54.58
27253	9.29	-21.65	-11.67	452.81	87.35	-178.03	205.03	-23.74	-44.68
27254	10.86	-20.91	-11.67	434.34	119.41	-136.42	233.56	12.98	-27.42
27255	12.37	-20.05	-11.67	411.56	155.27	-98.00	258.32	53.75	-1.00
27256	13.81	-19.09	-11.67	384.90	193.96	-63.27	278.44	98.28	36.66
27257	15.18	-18.02	-11.67	355.24	234.20	-32.69	293.25	146.12	88.01
27258	16.47	-16.85	-11.67	324.11	274.60	-6.46	302.61	196.56	155.84
27259	17.66	-15.59	-11.67	294.35	314.52	16.04	307.51	248.38	242.91
27260	18.76	-14.25	-11.67	269.11	356.24	36.21	312.33	298.89	350.76
27261	19.76	-12.83	-11.67	266.66	412.74	69.26	324.90	347.76	475.53
27262	20.65	-11.34	-11.67	281.45	526.11	131.95	392.47	373.76	615.47
27263	21.43	-9.79	-11.67	1045.31	796.31	717.90	782.76	920.09	837.70
27264	0.70	-20.20	-13.00	940.03	142.33	-524.81	167.53	-52.92	-151.10
27265	2.10	-20.10	-13.00	952.37	148.22	-482.22	202.99	-43.19	-144.71
27266	3.49	-19.90	-13.00	965.23	156.91	-440.69	238.35	-34.01	-138.37
27267	4.86	-19.62	-13.00	978.94	168.27	-400.51	273.63	-25.08	-132.05
27268	6.20	-19.23	-13.00	993.88	182.01	-361.89	308.98	-16.00	-125.69
27269	7.52	-18.76	-13.00	1010.51	197.71	-325.10	344.53	-6.39	-119.19
27270	8.80	-18.19	-13.00	1029.34	214.81	-290.41	380.38	4.13	-112.35
27271	10.04	-17.54	-13.00	1051.03	232.55	-258.08	416.60	16.01	-104.84
27272	11.23	-16.80	-13.00	1076.44	249.95	-228.38	453.20	29.67	-96.20
27273	12.37	-15.98	-13.00	1106.66	265.78	-201.60	490.20	45.53	-86.06
27274	13.44	-15.08	-13.00	1143.21	279.18	-177.97	526.82	64.50	-74.30
27275	14.46	-14.11	-13.00	1189.03	287.38	-157.84	561.86	87.76	-59.56
27276	15.40	-13.08	-13.00	1247.63	288.09	-141.32	593.13	116.27	-42.91
27277	16.27	-11.98	-13.00	1322.64	277.50	-128.86	616.99	152.01	-23.46
27278	17.06	-10.82	-13.00	1415.97	253.47	-121.73	626.29	195.15	-4.59
27279	17.76	-9.62	-13.00	1525.99	219.53	-119.74	611.79	246.05	9.14
27280	0.74	-21.03	-13.00	857.25	86.81	-501.47	148.93	-61.07	-137.59
27281	2.22	-20.93	-13.00	868.89	95.94	-455.45	188.50	-50.47	-132.35
27282	3.69	-20.72	-13.00	879.97	108.59	-410.90	227.69	-40.28	-127.06
27283	5.14	-20.41	-13.00	890.76	124.72	-367.54	266.66	-29.83	-121.32
27284	6.57	-19.99	-13.00	901.56	143.94	-325.83	305.55	-18.78	-115.22
27285	7.96	-19.48	-13.00	912.76	165.87	-286.08	344.51	-6.79	-108.58
27286	9.32	-18.87	-13.00	924.78	189.86	-248.57	383.64	6.54	-101.03
27287	10.62	-18.17	-13.00	938.20	215.15	-213.57	423.01	21.63	-92.09
27288	11.88	-17.37	-13.00	953.78	240.71	-181.37	462.69	38.94	-81.18
27289	13.07	-16.49	-13.00	972.72	265.32	-152.28	502.68	59.10	-67.59
27290	14.20	-15.53	-13.00	997.13	287.09	-126.60	542.73	83.00	-50.40
27291	15.26	-14.48	-13.00	1030.72	303.18	-104.68	582.25	111.98	-28.88
27292	16.24	-13.37	-13.00	1079.65	309.21	-87.09	619.89	148.63	-2.24
27293	17.14	-12.19	-13.00	1152.88	299.32	-75.11	651.94	197.14	28.91
27294	17.95	-10.95	-13.00	1258.94	268.74	-71.43	668.67	262.54	60.53
27295	18.68	-9.66	-13.00	1397.38	221.56	-76.02	650.90	347.00	80.61
27296	0.78	-21.87	-13.00	775.96	40.36	-475.11	123.06	-70.41	-108.15
27297	2.35	-21.76	-13.00	786.60	51.79	-428.02	165.67	-60.61	-106.41
27298	3.90	-21.54	-13.00	795.64	68.05	-380.04	208.33	-49.82	-102.68
27299	5.43	-21.20	-13.00	802.88	88.04	-333.43	250.49	-37.95	-98.51
27300	6.94	-20.76	-13.00	808.48	112.25	-288.70	292.32	-25.01	-93.58
27301	8.41	-20.20	-13.00	812.63	140.13	-245.97	333.82	-10.62	-87.36
27302	9.83	-19.55	-13.00	815.62	171.11	-205.54	374.88	5.59	-79.34
27303	11.20	-18.79	-13.00	817.80	204.41	-167.71	415.38	23.96	-68.87
27304	12.52	-17.94	-13.00	819.77	239.01	-132.78	455.20	44.89	-55.09
27305	13.77	-17.00	-13.00	822.63	273.44	-101.07	494.25	68.90	-36.93
27306	14.95	-15.97	-13.00	828.57	305.56	-72.87	532.59	96.78	-13.09
27307	16.06	-14.85	-13.00	841.67	332.15	-48.55	570.61	130.01	18.07
27308	17.08	-13.67	-13.00	869.95	348.45	-28.83	609.39	171.91	58.61
27309	18.01	-12.41	-13.00	929.01	347.17	-15.20	649.41	230.76	110.45
27310	18.85	-11.08	-13.00	1045.26	317.65	-8.67	682.31	323.28	169.11
27311	19.60	-9.70	-13.00	1232.87	255.93	-11.29	670.89	463.86	205.23
27312	0.83	-22.71	-13.00	696.16	1.24	-463.02	85.18	-87.00	-75.50
27313	2.47	-22.59	-13.00	705.23	21.05	-406.56	132.33	-76.87	-69.73
27314	4.11	-22.35	-13.00	712.36	38.31	-352.97	178.68	-63.51	-68.15
27315	5.72	-21.99	-13.00	715.96	61.03	-303.06	223.77	-49.69	-66.68
27316	7.30	-21.52	-13.00	715.27	89.09	-255.19	267.93	-34.43	-63.48
27317	8.85	-20.93	-13.00	710.78	122.23	-209.34	311.04	-16.98	-57.79
27318	10.35	-20.23	-13.00	702.54	159.87	-165.92	352.48	2.81	-48.95
27319	11.79	-19.42	-13.00	690.67	201.20	-125.23	391.61	25.11	-36.01
27320	13.17	-18.52	-13.00	675.57	244.99	-87.60	427.79	50.09	-17.84
27321	14.48	-17.51	-13.00	658.14	289.51	-53.34	460.47	77.94	7.02
27322	15.71	-16.41	-13.00	640.23	332.32	-22.72	489.50	109.02	40.35
27323	16.86	-15.22	-13.00	625.47	370.28	4.14	515.72	144.06	84.50
27324	17.92	-13.96	-13.00	620.74	399.87	26.52	542.26	184.90	142.87

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
27325	18.89	-12.62	-13.00	644.29	418.40	45.67	578.00	239.75	222.01
27326	19.75	-11.21	-13.00	742.23	413.89	72.23	631.31	342.16	323.10
27327	20.51	-9.75	-13.00	968.13	373.39	195.16	657.70	579.11	399.45
27328	0.87	-23.55	-13.00	618.05	-7.64	-512.14	37.70	-121.86	-40.91
27329	2.60	-23.42	-13.00	618.57	7.85	-414.79	89.08	-104.70	-30.73
27330	4.32	-23.17	-13.00	628.73	24.84	-350.61	138.64	-81.56	-33.10
27331	6.01	-22.78	-13.00	627.77	47.77	-297.69	185.15	-64.75	-34.66
27332	7.67	-22.28	-13.00	620.08	78.11	-245.45	230.72	-44.82	-32.55
27333	9.29	-21.65	-13.00	605.69	115.24	-196.04	273.98	-22.08	-26.32
27334	10.86	-20.91	-13.00	584.49	158.63	-149.30	313.67	3.64	-14.77
27335	12.37	-20.05	-13.00	556.48	207.22	-105.68	348.28	32.25	3.36
27336	13.81	-19.09	-13.00	522.01	259.36	-65.56	376.23	63.54	29.60
27337	15.18	-18.02	-13.00	481.90	312.60	-29.37	395.99	97.19	65.76
27338	16.47	-16.85	-13.00	437.81	363.76	2.60	406.41	132.69	114.01
27339	17.66	-15.59	-13.00	392.46	409.17	29.93	407.52	169.12	176.79
27340	18.76	-14.25	-13.00	351.36	446.60	53.16	401.93	205.48	256.75
27341	19.76	-12.83	-13.00	320.88	481.05	70.44	398.62	234.47	353.45
27342	20.65	-11.34	-13.00	357.70	536.41	131.91	435.43	292.38	466.44
27343	21.43	-9.79	-13.00	409.36	591.11	332.39	482.85	418.73	554.95
27344	0.70	-20.20	-14.33	1132.40	159.13	-521.90	211.52	-26.63	-55.12
27345	2.10	-20.10	-14.33	1148.23	168.14	-479.23	254.54	-22.97	-52.65
27346	3.49	-19.90	-14.33	1165.17	180.11	-437.53	297.20	-19.57	-50.24
27347	4.86	-19.62	-14.33	1183.60	194.98	-396.92	339.64	-16.33	-47.85
27348	6.20	-19.23	-14.33	1203.93	212.50	-357.63	382.23	-13.09	-45.41
27349	7.52	-18.76	-14.33	1226.61	232.12	-319.86	425.33	-9.69	-42.91
27350	8.80	-18.19	-14.33	1252.12	253.11	-283.81	469.24	-6.00	-40.27
27351	10.04	-17.54	-14.33	1281.00	274.50	-249.70	514.12	-1.86	-37.36
27352	11.23	-16.80	-14.33	1313.95	295.00	-217.71	559.98	2.88	-33.95
27353	12.37	-15.98	-14.33	1351.87	312.73	-188.06	606.94	8.32	-29.87
27354	13.44	-15.08	-14.33	1395.77	326.69	-160.91	654.48	14.76	-25.18
27355	14.46	-14.11	-14.33	1447.47	333.93	-136.49	700.64	22.77	-18.94
27356	15.40	-13.08	-14.33	1510.09	331.64	-114.75	741.93	32.69	-12.43
27357	16.27	-11.98	-14.33	1587.69	315.32	-95.88	771.97	46.36	-4.65
27358	17.06	-10.82	-14.33	1682.66	278.49	-80.69	783.18	63.88	2.98
27359	17.76	-9.62	-14.33	1790.20	224.26	-70.06	767.69	82.87	10.58
27360	0.74	-21.03	-14.33	1034.71	82.82	-508.36	190.06	-29.41	-49.64
27361	2.22	-20.93	-14.33	1050.93	95.94	-461.85	239.25	-25.38	-47.71
27362	3.69	-20.72	-14.33	1067.03	112.70	-416.04	287.30	-21.65	-45.83
27363	5.14	-20.41	-14.33	1083.03	133.72	-371.57	334.68	-17.89	-43.76
27364	6.57	-19.99	-14.33	1099.23	158.71	-328.52	382.10	-13.90	-41.49
27365	7.96	-19.48	-14.33	1116.15	186.84	-287.21	430.03	-9.57	-39.09
27366	9.32	-18.87	-14.33	1134.24	217.18	-247.85	478.62	-4.74	-36.38
27367	10.62	-18.17	-14.33	1153.88	248.71	-210.68	528.01	0.76	-33.19
27368	11.88	-17.37	-14.33	1175.64	280.06	-175.91	578.33	7.12	-29.29
27369	13.07	-16.49	-14.33	1200.38	309.56	-143.75	629.59	14.59	-24.42
27370	14.20	-15.53	-14.33	1229.55	334.75	-114.39	681.37	23.58	-18.12
27371	15.26	-14.48	-14.33	1265.98	351.84	-87.98	732.44	34.67	-10.16
27372	16.24	-13.37	-14.33	1314.45	354.64	-64.75	780.14	49.24	-0.03
27373	17.14	-12.19	-14.33	1381.05	334.07	-45.26	818.95	69.47	12.28
27374	17.95	-10.95	-14.33	1469.29	282.18	-30.46	837.64	98.54	26.21
27375	18.68	-9.66	-14.33	1572.17	202.25	-23.31	816.86	135.93	37.57
27376	0.78	-21.87	-14.33	938.07	27.61	-495.65	160.17	-32.30	-35.97
27377	2.35	-21.76	-14.33	955.74	41.21	-443.45	214.71	-28.48	-35.79
27378	3.90	-21.54	-14.33	971.31	60.11	-394.27	266.43	-25.00	-35.46
27379	5.43	-21.20	-14.33	983.96	86.08	-345.63	317.42	-20.77	-33.93
27380	6.94	-20.76	-14.33	994.66	117.70	-298.83	368.89	-16.26	-32.36
27381	8.41	-20.20	-14.33	1003.98	153.66	-253.87	420.65	-11.13	-30.27
27382	9.83	-19.55	-14.33	1012.01	193.07	-211.10	472.49	-5.30	-27.59
27383	11.20	-18.79	-14.33	1018.86	234.91	-170.75	524.25	1.37	-24.05
27384	12.52	-17.94	-14.33	1024.80	277.84	-133.07	575.82	9.06	-19.34
27385	13.77	-17.00	-14.33	1030.46	319.89	-98.28	627.00	17.99	-12.99
27386	14.95	-15.97	-14.33	1037.25	358.09	-66.59	677.51	28.52	-4.49
27387	16.06	-14.85	-14.33	1048.08	387.60	-38.23	727.06	41.37	6.94
27388	17.08	-13.67	-14.33	1068.17	400.42	-13.49	775.04	58.30	22.43
27389	18.01	-12.41	-14.33	1104.95	383.58	7.07	818.11	83.82	43.75
27390	18.85	-11.08	-14.33	1162.85	320.66	22.10	842.88	127.59	70.75
27391	19.60	-9.70	-14.33	1229.84	212.57	35.72	818.65	198.21	90.84
27392	0.83	-22.71	-14.33	846.14	6.41	-473.02	122.59	-33.07	-10.72
27393	2.47	-22.59	-14.33	866.86	12.03	-429.47	179.51	-34.65	-19.84
27394	4.11	-22.35	-14.33	880.92	31.11	-372.06	231.25	-29.47	-17.95
27395	5.72	-21.99	-14.33	888.65	60.59	-320.29	285.30	-25.53	-18.58
27396	7.30	-21.52	-14.33	892.71	96.96	-269.43	340.13	-20.42	-17.76
27397	8.85	-20.93	-14.33	892.62	139.26	-220.86	394.48	-14.47	-16.17
27398	10.35	-20.23	-14.33	888.07	186.80	-174.66	447.62	-7.59	-13.47
27399	11.79	-19.42	-14.33	878.87	238.54	-131.16	498.76	0.26	-9.32
27400	13.17	-18.52	-14.33	865.00	292.94	-90.60	547.08	9.17	-3.27
27401	14.48	-17.51	-14.33	846.87	347.70	-53.27	591.74	19.21	5.26
27402	15.71	-16.41	-14.33	825.55	399.33	-19.36	632.06	30.58	17.03
27403	16.86	-15.22	-14.33	803.22	442.70	10.85	667.90	43.59	33.14
27404	17.92	-13.96	-14.33	784.11	470.01	37.23	700.11	59.33	55.69
27405	18.89	-12.62	-14.33	774.75	467.17	59.04	729.11	82.44	89.38
27406	19.75	-11.21	-14.33	775.17	412.57	83.22	745.90	129.90	137.42
27407	20.51	-9.75	-14.33	753.59	301.55	131.14	714.26	202.74	173.08
27408	0.87	-23.55	-14.33	748.33	4.83	-556.17	70.98	-88.45	-26.66
27409	2.60	-23.42	-14.33	784.98	11.38	-410.16	121.09	-43.33	2.56
27410	4.32	-23.17	-14.33	793.96	28.78	-362.81	176.41	-40.89	-5.46
27411	6.01	-22.78	-14.33	797.11	59.19	-304.09	234.83	-34.27	-6.03
27412	7.67	-22.28	-14.33	793.01	97.84	-249.84	292.96	-26.72	-5.95
27413	9.29	-21.65	-14.33	780.90	145.31	-197.49	349.21	-17.90	-4.12
27414	10.86	-20.91	-14.33	760.14	200.79	-147.93	401.91	-7.87	-0.17
27415	12.37	-20.05	-14.33	730.41	263.07	-101.35	449.09	3.34	6.40
27416	13.81	-19.09	-14.33	691.70	330.08	-58.08	488.62	15.62	16.20
27417	15.18	-18.02	-14.33	644.55	398.62	-18.41	518.27	28.82	29.98
27418	16.47	-16.85	-14.33	590.19	464.08	17.32	535.99	42.71	48.64
27419	17.66	-15.59	-14.33	530.84	520.37	48.97	540.42	56.98	73.38
27420	18.76	-14.25	-14.33	469.90	560.03	75.53	531.78	70.52	105.78
27421	19.76	-12.83	-14.33	415.02	575.73	97.27	515.32	82.93	149.43
27422	20.65	-11.34	-14.33	361.38	561.16	125.70	493.52	95.13	201.24
27423	21.43	-9.79	-14.33	297.89	520.63	168.95	444.15	91.35	233.18

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
27424	-11.69	-9.49	-14.33	1337.01	692.91	-960.94	-26.57	-71.29	-28.46
27425	-12.72	-9.44	-14.33	1274.99	690.68	-992.40	-52.99	-83.62	-30.87
27426	-13.76	-9.39	-14.33	1202.41	684.64	-1022.79	-81.17	-96.15	-32.18
27427	-11.91	-10.47	-14.33	1279.73	652.79	-963.43	-40.78	-76.62	-35.14
27428	-12.81	-10.33	-14.33	1227.23	652.05	-990.98	-65.69	-88.33	-36.26
27429	-13.70	-10.18	-14.33	1171.17	649.42	-1016.98	-91.29	-98.44	-36.58
27430	-12.11	-11.46	-14.33	1220.13	603.80	-964.57	-55.86	-83.13	-41.13
27431	-12.88	-11.21	-14.33	1179.06	607.79	-988.32	-76.69	-93.56	-40.16
27432	-13.63	-10.96	-14.33	1134.22	609.35	-1011.46	-99.99	-104.64	-40.85
27433	-0.57	-9.89	-14.33	1657.08	566.61	-616.16	175.43	-24.77	-14.39
27434	-1.70	-9.88	-14.33	1632.25	585.00	-650.76	155.80	-24.99	-14.46
27435	-2.84	-9.86	-14.33	1608.52	603.03	-685.34	136.92	-25.72	-14.76
27436	-3.96	-9.83	-14.33	1585.16	620.42	-719.93	118.52	-27.08	-15.37
27437	-5.08	-9.80	-14.33	1561.32	636.84	-754.54	100.30	-29.25	-16.34
27438	-6.20	-9.76	-14.33	1535.96	651.93	-789.19	81.91	-32.42	-17.72
27439	-7.31	-9.71	-14.33	1507.81	665.26	-823.87	62.97	-36.84	-19.56
27440	-8.42	-9.66	-14.33	1475.36	676.37	-858.59	43.03	-42.77	-21.88
27441	-9.52	-9.60	-14.33	1436.88	684.81	-893.32	21.64	-50.48	-24.66
27442	-10.62	-9.54	-14.33	1390.57	690.20	-927.94	-1.65	-60.18	-27.82
27443	-0.60	-11.68	-14.33	1588.52	533.94	-608.44	189.72	-20.16	-21.67
27444	-1.80	-11.64	-14.33	1566.31	551.22	-645.14	166.45	-20.97	-22.18
27445	-2.99	-11.58	-14.33	1544.90	568.12	-681.67	143.99	-22.42	-22.94
27446	-4.16	-11.50	-14.33	1523.46	584.32	-718.05	122.04	-24.63	-24.00
27447	-5.32	-11.40	-14.33	1501.00	599.49	-754.26	100.30	-27.79	-25.37
27448	-6.47	-11.28	-14.33	1476.41	613.28	-790.30	78.45	-32.06	-27.06
27449	-7.60	-11.15	-14.33	1448.41	625.35	-826.14	56.18	-37.65	-29.03
27450	-8.72	-10.99	-14.33	1415.58	635.41	-861.78	33.21	-44.80	-31.24
27451	-9.83	-10.82	-14.33	1376.37	643.20	-897.21	9.28	-53.79	-33.62
27452	-10.92	-10.63	-14.33	1329.20	648.77	-932.35	-15.77	-64.94	-35.77
27453	-0.63	-13.48	-14.33	1511.06	488.48	-600.83	200.75	-20.31	-29.57
27454	-1.88	-13.42	-14.33	1491.58	503.51	-639.30	173.83	-21.87	-30.68
27455	-3.11	-13.32	-14.33	1472.51	518.34	-677.52	147.62	-24.13	-32.00
27456	-4.33	-13.19	-14.33	1452.92	532.70	-715.46	121.87	-27.22	-33.55
27457	-5.53	-13.03	-14.33	1431.80	546.31	-753.09	96.32	-31.27	-35.30
27458	-6.70	-12.83	-14.33	1408.05	558.95	-790.36	70.78	-36.42	-37.18
27459	-7.86	-12.61	-14.33	1380.53	570.39	-827.23	45.10	-42.80	-39.11
27460	-8.99	-12.35	-14.33	1347.99	580.49	-863.68	19.22	-50.58	-40.95
27461	-10.11	-12.06	-14.33	1309.09	589.13	-899.76	-6.81	-60.08	-42.53
27462	-11.19	-11.74	-14.33	1262.38	596.44	-935.48	-32.60	-71.90	-43.33
27463	-0.65	-15.28	-14.33	1424.16	426.45	-593.14	205.26	-21.36	-38.96
27464	-1.95	-15.20	-14.33	1407.08	438.06	-632.99	174.61	-23.81	-40.73
27465	-3.22	-15.07	-14.33	1389.99	450.05	-672.58	144.51	-26.97	-42.58
27466	-4.47	-14.90	-14.33	1371.98	462.24	-711.85	114.81	-30.96	-44.50
27467	-5.71	-14.67	-14.33	1352.10	474.51	-750.72	85.40	-35.85	-46.40
27468	-6.91	-14.40	-14.33	1329.40	486.75	-789.10	56.25	-41.70	-48.19
27469	-8.09	-14.08	-14.33	1302.96	498.87	-826.92	27.42	-48.57	-49.73
27470	-9.24	-13.72	-14.33	1271.89	510.79	-864.13	-0.89	-56.55	-50.84
27471	-10.36	-13.31	-14.33	1235.25	522.38	-900.77	-28.31	-65.89	-51.27
27472	-11.45	-12.86	-14.33	1192.16	533.03	-936.94	-54.11	-77.21	-50.44
27473	-0.67	-17.07	-14.33	1327.71	345.90	-584.47	201.82	-23.47	-48.67
27474	-1.99	-16.99	-14.33	1312.39	353.19	-625.26	167.41	-26.78	-51.00
27475	-3.30	-16.84	-14.33	1296.78	361.89	-665.91	133.41	-30.77	-53.21
27476	-4.59	-16.62	-14.33	1280.07	372.03	-706.28	99.86	-35.48	-55.26
27477	-5.85	-16.34	-14.33	1261.45	383.67	-746.26	66.82	-40.94	-57.05
27478	-7.09	-15.99	-14.33	1240.21	396.79	-785.71	34.45	-47.17	-58.47
27479	-8.29	-15.58	-14.33	1215.72	411.38	-824.52	3.02	-54.15	-59.39
27480	-9.46	-15.11	-14.33	1187.46	427.34	-862.59	-27.10	-61.87	-59.67
27481	-10.60	-14.58	-14.33	1155.05	444.41	-899.88	-55.40	-70.43	-59.05
27482	-11.69	-14.00	-14.33	1118.23	461.98	-936.38	-81.30	-80.19	-57.13
27483	-0.68	-18.88	-14.33	1222.56	249.80	-574.44	189.40	-26.62	-55.81
27484	-2.02	-18.79	-14.33	1208.21	252.37	-615.74	151.51	-30.50	-58.35
27485	-3.36	-18.61	-14.33	1193.64	257.74	-657.09	114.04	-34.94	-60.64
27486	-4.68	-18.35	-14.33	1178.13	266.24	-698.32	77.20	-39.92	-62.63
27487	-5.97	-18.01	-14.33	1161.05	278.06	-739.24	41.23	-45.45	-64.20
27488	-7.23	-17.59	-14.33	1141.91	293.28	-779.68	6.44	-51.51	-65.28
27489	-8.47	-17.09	-14.33	1120.35	311.86	-819.47	-26.77	-58.06	-65.77
27490	-9.66	-16.51	-14.33	1096.20	333.62	-858.43	-57.92	-65.05	-65.59
27491	-10.81	-15.87	-14.33	1069.47	358.26	-896.44	-86.45	-72.46	-64.59
27492	-11.91	-15.15	-14.33	1040.32	385.26	-933.36	-111.85	-80.27	-62.44
27493	-16.80	-9.56	-14.33	887.04	608.38	-1108.47	-172.35	-126.08	-42.28
27494	-16.19	-10.65	-14.33	912.13	568.06	-1083.48	-178.67	-119.67	-47.72
27495	-15.52	-11.69	-14.33	935.53	525.24	-1057.00	-176.84	-114.86	-52.46
27496	-15.79	-9.48	-14.33	1006.79	640.25	-1081.30	-142.49	-121.02	-38.88
27497	-15.37	-10.42	-14.33	1012.30	601.89	-1062.72	-149.81	-117.48	-43.25
27498	-14.91	-11.34	-14.33	1015.65	560.46	-1043.52	-149.69	-114.75	-46.85
27499	-14.78	-9.40	-14.33	1112.24	667.71	-1052.55	-112.51	-111.97	-34.74
27500	-14.55	-10.21	-14.33	1099.77	632.54	-1040.86	-121.14	-111.77	-38.87
27501	-14.30	-11.00	-14.33	1089.90	593.79	-1028.35	-125.17	-110.10	-42.60
27502	-12.93	-14.37	-14.33	1012.51	413.61	-967.94	-134.23	-88.81	-61.63
27503	-12.65	-13.39	-14.33	1086.60	480.07	-968.32	-103.97	-89.97	-56.11
27504	-12.36	-12.43	-14.33	1155.54	542.70	-966.71	-76.46	-88.62	-49.82
27505	-13.86	-13.54	-14.33	985.42	446.52	-999.73	-152.42	-97.00	-58.82
27506	-13.48	-12.78	-14.33	1057.31	501.10	-995.97	-122.34	-98.66	-53.07
27507	-13.10	-12.03	-14.33	1123.56	553.04	-990.49	-94.77	-97.92	-47.53
27508	-14.74	-12.66	-14.33	958.85	482.43	-1029.62	-167.03	-105.27	-56.69
27509	-14.28	-12.13	-14.33	1028.16	524.77	-1022.04	-138.75	-106.58	-51.13
27510	-13.81	-11.61	-14.33	1091.33	564.27	-1013.10	-111.86	-106.78	-43.76
27511	-11.69	-9.49	-13.00	1091.39	558.61	-998.37	-32.18	-150.24	-103.13
27512	-12.72	-9.44	-13.00	1037.19	557.04	-1032.01	-51.34	-177.37	-110.55
27513	-13.76	-9.39	-13.00	974.97	552.92	-1063.01	-71.38	-206.44	-116.83
27514	-11.91	-10.47	-13.00	1046.95	526.70	-1002.56	-42.16	-163.44	-119.03
27515	-12.81	-10.33	-13.00	1001.93	526.98	-1030.66	-60.11	-186.43	-124.44
27516	-13.70	-10.18	-13.00	952.43	525.65	-1056.26	-78.06	-209.38	-128.88
27517	-12.11	-11.46	-13.00	1000.84	490.19	-1003.49	-54.85	-175.79	-135.55
27518	-12.88	-11.21	-13.00	966.07	494.41	-1026.98	-69.82	-193.96	-137.46
27519	-13.63	-10.96	-13.00	928.00	496.46	-1048.75	-85.53	-213.45	-140.92
27520	-0.57	-9.89	-13.00	1414.91	458.33	-623.17	140.63	-40.69	-61.71
27521	-1.70	-9.88	-13.00	1390.40	473.20	-659.09	122.42	-42.13	-62.44
27522	-2.84	-9.86	-13.00	1365.73	487.64	-695.35	104.89	-44.70	-63.72

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
27523	-3.96	-9.83	-13.00	1340.44	501.46	-732.03	87.89	-48.73	-65.69
27524	-5.08	-9.80	-13.00	1314.01	514.42	-769.19	71.25	-54.55	-68.47
27525	-6.20	-9.76	-13.00	1285.82	526.25	-806.90	54.78	-62.61	-72.22
27526	-7.31	-9.71	-13.00	1255.16	536.68	-845.17	38.24	-73.38	-77.02
27527	-8.42	-9.66	-13.00	1221.25	545.40	-883.95	21.42	-87.33	-82.94
27528	-9.52	-9.60	-13.00	1183.22	552.09	-923.03	4.10	-104.86	-89.90
27529	-10.62	-9.54	-13.00	1140.17	556.50	-961.78	-13.88	-126.01	-97.68
27530	-0.60	-11.68	-13.00	1349.08	425.22	-619.06	154.10	-37.99	-74.78
27531	-1.80	-11.64	-13.00	1326.92	439.17	-657.53	132.69	-40.86	-76.47
27532	-2.99	-11.58	-13.00	1304.46	452.86	-696.17	112.09	-45.16	-78.80
27533	-4.16	-11.50	-13.00	1281.21	466.07	-735.03	92.14	-51.17	-81.86
27534	-5.32	-11.40	-13.00	1256.59	478.56	-774.10	72.66	-59.24	-85.70
27535	-6.47	-11.28	-13.00	1229.98	490.11	-813.36	53.47	-69.72	-90.36
27536	-7.60	-11.15	-13.00	1200.72	500.50	-852.74	34.40	-82.95	-95.80
27537	-8.72	-10.99	-13.00	1168.11	509.51	-892.10	15.24	-99.24	-101.93
27538	-9.83	-10.82	-13.00	1131.61	516.96	-931.24	-4.12	-118.67	-108.54
27539	-10.92	-10.63	-13.00	1090.90	522.83	-969.30	-23.77	-140.76	-115.23
27540	-0.63	-13.48	-13.00	1276.01	386.15	-614.92	161.90	-38.33	-93.32
27541	-1.88	-13.42	-13.00	1256.45	398.37	-655.46	137.56	-43.04	-96.33
27542	-3.11	-13.32	-13.00	1236.43	410.63	-696.02	114.04	-49.36	-99.93
27543	-4.33	-13.19	-13.00	1215.42	422.73	-736.58	91.21	-57.54	-104.10
27544	-5.53	-13.03	-13.00	1192.82	434.48	-777.05	68.95	-67.83	-108.77
27545	-6.70	-12.83	-13.00	1168.06	445.72	-817.34	47.13	-80.46	-113.86
27546	-7.86	-12.61	-13.00	1140.53	456.29	-857.31	25.66	-95.63	-119.17
27547	-8.99	-12.35	-13.00	1109.70	466.10	-896.83	4.47	-113.45	-124.50
27548	-10.11	-12.06	-13.00	1075.26	475.06	-935.77	-16.52	-133.82	-129.56
27549	-11.19	-11.74	-13.00	1037.54	483.28	-973.22	-37.32	-155.86	-134.16
27550	-0.65	-15.28	-13.00	1195.85	337.39	-610.06	164.35	-41.44	-115.66
27551	-1.95	-15.20	-13.00	1178.87	347.08	-652.05	137.26	-48.29	-120.16
27552	-3.22	-15.07	-13.00	1161.30	357.37	-693.93	110.93	-56.78	-124.97
27553	-4.47	-14.90	-13.00	1142.59	368.12	-735.62	85.29	-67.08	-129.97
27554	-5.71	-14.67	-13.00	1122.20	379.21	-776.96	60.31	-79.33	-135.01
27555	-6.91	-14.40	-13.00	1099.62	390.55	-817.80	35.98	-93.62	-139.86
27556	-8.09	-14.08	-13.00	1074.36	402.06	-857.97	12.34	-109.97	-144.28
27557	-9.24	-13.72	-13.00	1046.05	413.69	-897.35	-10.54	-128.34	-147.97
27558	-10.36	-13.31	-13.00	1014.52	425.42	-935.89	-32.63	-148.54	-150.65
27559	-11.45	-12.86	-13.00	980.21	437.25	-972.84	-54.08	-169.74	-152.34
27560	-0.67	-17.07	-13.00	1109.25	277.31	-601.40	160.52	-46.91	-138.31
27561	-1.99	-16.99	-13.00	1094.58	283.87	-644.06	130.88	-55.79	-144.07
27562	-3.30	-16.84	-13.00	1079.28	291.87	-686.63	101.92	-66.18	-149.73
27563	-4.59	-16.62	-13.00	1062.84	301.28	-728.94	73.66	-78.15	-155.10
27564	-5.85	-16.34	-13.00	1044.80	312.11	-770.80	46.19	-91.74	-159.94
27565	-7.09	-15.99	-13.00	1024.73	324.33	-812.03	19.65	-106.91	-164.03
27566	-8.29	-15.58	-13.00	1002.33	337.86	-852.44	-5.80	-123.57	-167.11
27567	-9.46	-15.11	-13.00	977.36	352.65	-891.90	-29.94	-141.58	-168.93
27568	-10.60	-14.58	-13.00	949.77	368.62	-930.34	-52.57	-160.70	-169.25
27569	-11.69	-14.00	-13.00	919.79	385.76	-967.24	-73.79	-180.45	-168.14
27570	-0.68	-18.88	-13.00	1017.51	207.68	-586.54	149.80	-54.40	-154.50
27571	-2.02	-18.79	-13.00	1004.67	210.82	-629.12	118.03	-64.66	-160.91
27572	-3.36	-18.61	-13.00	991.35	216.47	-671.86	86.85	-76.15	-166.92
27573	-4.68	-18.35	-13.00	977.08	224.78	-714.53	56.42	-88.88	-172.29
27574	-5.97	-18.01	-13.00	961.47	235.85	-756.91	26.96	-102.84	-176.81
27575	-7.23	-17.59	-13.00	944.22	249.69	-798.78	-1.29	-117.98	-180.25
27576	-8.47	-17.09	-13.00	925.10	266.23	-839.95	-28.03	-134.18	-182.42
27577	-9.66	-16.51	-13.00	904.04	285.34	-880.25	-52.93	-151.28	-183.14
27578	-10.81	-15.87	-13.00	881.09	306.85	-919.52	-75.67	-169.08	-182.25
27579	-11.91	-15.15	-13.00	856.33	330.69	-957.44	-96.09	-187.17	-179.61
27580	-16.80	-9.56	-13.00	725.33	511.13	-1136.29	-139.41	-290.29	-132.95
27581	-16.19	-10.65	-13.00	741.78	477.69	-1110.41	-142.73	-276.23	-145.13
27582	-15.52	-11.69	-13.00	758.41	444.21	-1083.14	-142.80	-261.04	-156.81
27583	-15.79	-9.48	-13.00	816.99	528.63	-1115.05	-117.00	-268.08	-129.72
27584	-15.37	-10.42	-13.00	818.55	497.80	-1094.83	-120.46	-258.53	-140.77
27585	-14.91	-11.34	-13.00	820.64	466.73	-1074.01	-121.94	-247.59	-150.76
27586	-14.78	-9.40	-13.00	899.20	543.35	-1091.14	-94.07	-240.53	-123.39
27587	-14.55	-10.21	-13.00	888.41	515.77	-1078.05	-98.56	-237.17	-134.54
27588	-14.30	-11.00	-13.00	878.87	487.43	-1064.37	-101.78	-229.65	-144.94
27589	-12.93	-14.37	-13.00	831.12	355.34	-992.88	-113.68	-205.71	-177.68
27590	-12.65	-13.39	-13.00	891.39	402.65	-999.45	-91.75	-198.99	-167.56
27591	-12.36	-12.43	-13.00	947.87	447.32	-1003.01	-71.85	-189.06	-153.99
27592	-13.86	-13.54	-13.00	806.26	383.02	-1025.13	-127.50	-223.63	-172.66
27593	-13.48	-12.78	-13.00	864.98	421.41	-1026.66	-105.79	-215.56	-163.92
27594	-13.10	-12.03	-13.00	919.74	457.47	-1026.26	-85.80	-204.92	-153.01
27595	-14.74	-12.66	-13.00	780.78	411.94	-1055.09	-137.95	-241.58	-166.78
27596	-14.28	-12.13	-13.00	837.13	440.85	-1051.71	-117.35	-231.52	-159.79
27597	-13.81	-11.61	-13.00	890.13	469.46	-1047.23	-98.33	-220.21	-149.51
27598	-11.69	-9.49	-11.67	874.56	441.46	-1060.90	-28.76	-217.14	-157.10
27599	-12.72	-9.44	-11.67	830.72	442.52	-1099.63	-42.01	-254.79	-167.83
27600	-13.76	-9.39	-11.67	781.56	442.13	-1133.49	-56.15	-295.67	-177.48
27601	-11.91	-10.47	-11.67	840.51	420.02	-1066.66	-36.25	-235.12	-180.30
27602	-12.81	-10.33	-11.67	803.99	422.18	-1097.55	-48.96	-267.15	-188.08
27603	-13.70	-10.18	-11.67	764.62	423.55	-1124.60	-61.81	-300.01	-194.67
27604	-12.11	-11.46	-11.67	805.06	395.12	-1066.90	-45.83	-252.38	-204.16
27605	-12.88	-11.21	-11.67	776.63	399.94	-1091.39	-56.56	-277.87	-207.14
27606	-13.63	-10.96	-11.67	745.22	403.40	-1113.69	-68.10	-305.69	-211.21
27607	-0.57	-9.89	-11.67	1177.56	354.85	-635.78	109.18	-57.41	-103.41
27608	-1.70	-9.88	-11.67	1154.50	366.78	-673.84	92.93	-61.23	-104.44
27609	-2.84	-9.86	-11.67	1130.36	378.39	-712.84	77.41	-66.49	-106.11
27610	-3.96	-9.83	-11.67	1104.96	389.54	-752.91	62.59	-73.59	-108.56
27611	-5.08	-9.80	-11.67	1078.13	400.09	-794.19	48.42	-82.98	-112.00
27612	-6.20	-9.76	-11.67	1049.70	409.88	-836.82	34.83	-95.16	-116.62
27613	-7.31	-9.71	-11.67	1019.49	418.74	-880.83	21.74	-110.75	-122.58
27614	-8.42	-9.66	-11.67	987.26	426.49	-926.09	9.00	-130.34	-129.99
27615	-9.52	-9.60	-11.67	952.69	432.96	-972.08	-3.54	-154.49	-138.81
27616	-10.62	-9.54	-11.67	915.19	437.95	-1017.86	-16.13	-183.63	-148.87
27617	-0.60	-11.68	-11.67	1116.36	327.99	-637.04	119.62	-55.67	-121.50
27618	-1.80	-11.64	-11.67	1095.58	339.48	-678.22	100.84	-61.39	-123.84
27619	-2.99	-11.58	-11.67	1073.73	350.90	-720.23	82.96	-68.86	-126.95
27620	-4.16	-11.50	-11.67	1050.67	362.09	-763.05	65.94	-78.50	-130.91
27621	-5.32	-11.40	-11.67	1026.23	372.89	-806.70	49.72	-90.72	-135.84



Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
27622	-6.47	-11.28	-11.67	1000.23	383.13	-851.11	34.23	-105.96	-141.80
27623	-7.60	-11.15	-11.67	972.49	392.63	-896.10	19.34	-124.63	-148.80
27624	-8.72	-10.99	-11.67	942.83	401.21	-941.34	4.91	-147.07	-156.72
27625	-9.83	-10.82	-11.67	910.99	408.74	-986.09	-9.22	-173.44	-165.37
27626	-10.92	-10.63	-11.67	876.45	415.10	-1029.30	-23.21	-203.70	-174.23
27627	-0.63	-13.48	-11.67	1049.22	297.99	-639.30	125.57	-56.39	-145.77
27628	-1.88	-13.42	-11.67	1031.12	308.40	-683.05	104.71	-64.56	-149.93
27629	-3.11	-13.32	-11.67	1012.01	319.07	-727.38	84.81	-74.71	-154.79
27630	-4.33	-13.19	-11.67	991.71	329.85	-772.16	65.83	-87.22	-160.35
27631	-5.53	-13.03	-11.67	970.04	340.55	-817.22	47.73	-102.41	-166.55
27632	-6.70	-12.83	-11.67	946.82	351.03	-862.34	30.43	-120.58	-173.31
27633	-7.86	-12.61	-11.67	921.86	361.12	-907.23	13.82	-141.92	-180.45
27634	-8.99	-12.35	-11.67	895.00	370.69	-951.43	-2.23	-166.51	-187.72
27635	-10.11	-12.06	-11.67	866.08	379.66	-994.24	-17.86	-194.14	-194.80
27636	-11.19	-11.74	-11.67	834.74	387.96	-1034.67	-33.07	-224.46	-201.31
27637	-0.65	-15.28	-11.67	977.23	263.03	-639.17	127.10	-60.29	-175.84
27638	-1.95	-15.20	-11.67	961.98	271.74	-684.53	104.48	-71.28	-182.09
27639	-3.22	-15.07	-11.67	945.79	281.14	-730.17	82.75	-84.32	-188.71
27640	-4.47	-14.90	-11.67	928.46	291.10	-775.81	61.91	-99.71	-195.56
27641	-5.71	-14.67	-11.67	909.78	301.49	-821.20	41.94	-117.62	-202.43
27642	-6.91	-14.40	-11.67	889.55	312.17	-866.03	22.83	-138.16	-209.10
27643	-8.09	-14.08	-11.67	867.59	323.06	-909.96	4.55	-161.31	-215.26
27644	-9.24	-13.72	-11.67	843.76	334.07	-952.61	-12.96	-186.95	-220.61
27645	-10.36	-13.31	-11.67	817.93	345.18	-993.43	-29.78	-214.71	-224.86
27646	-11.45	-12.86	-11.67	789.82	356.23	-1031.69	-45.88	-244.20	-227.80
27647	-0.67	-17.07	-11.67	901.48	220.50	-630.53	123.85	-67.40	-207.05
27648	-1.99	-16.99	-11.67	888.99	226.93	-676.21	99.64	-81.09	-215.16
27649	-3.30	-16.84	-11.67	875.68	234.67	-721.99	76.17	-96.72	-223.10
27650	-4.59	-16.62	-11.67	861.30	243.67	-767.54	53.51	-114.43	-230.61
27651	-5.85	-16.34	-11.67	845.64	253.84	-812.56	31.71	-134.28	-237.41
27652	-7.09	-15.99	-11.67	828.50	265.13	-856.75	10.86	-156.21	-243.18
27653	-8.29	-15.58	-11.67	809.72	277.45	-899.80	-8.95	-180.07	-247.64
27654	-9.46	-15.11	-11.67	789.20	290.76	-941.43	-27.63	-205.62	-250.48
27655	-10.60	-14.58	-11.67	766.88	305.02	-981.29	-45.11	-232.47	-251.50
27656	-11.69	-14.00	-11.67	742.56	320.09	-1018.91	-61.32	-260.38	-250.58
27657	-0.68	-18.88	-11.67	823.30	169.71	-607.73	115.29	-77.33	-229.82
27658	-2.02	-18.79	-11.67	813.22	173.60	-652.35	89.72	-92.81	-238.88
27659	-3.36	-18.61	-11.67	802.53	179.62	-697.28	64.71	-109.92	-247.33
27660	-4.68	-18.35	-11.67	790.95	187.83	-742.20	40.41	-128.72	-254.88
27661	-5.97	-18.01	-11.67	778.25	198.22	-786.81	17.00	-149.18	-261.23
27662	-7.23	-17.59	-11.67	764.24	210.76	-830.84	-5.30	-171.21	-266.09
27663	-8.47	-17.09	-11.67	748.80	225.38	-874.04	-26.28	-194.64	-269.19
27664	-9.66	-16.51	-11.67	731.91	241.98	-916.16	-45.71	-219.22	-270.32
27665	-10.81	-15.87	-11.67	713.58	260.45	-956.95	-63.35	-244.64	-269.31
27666	-11.91	-15.15	-11.67	693.78	280.63	-996.07	-79.02	-270.53	-265.93
27667	-16.80	-9.56	-11.67	589.34	423.28	-1184.17	-108.87	-413.55	-198.15
27668	-16.19	-10.65	-11.67	601.90	398.14	-1156.63	-112.25	-393.51	-215.94
27669	-15.52	-11.69	-11.67	615.24	372.23	-1127.53	-113.04	-372.39	-231.77
27670	-15.79	-9.48	-11.67	659.01	431.59	-1176.80	-90.60	-381.52	-195.45
27671	-15.37	-10.42	-11.67	660.44	409.25	-1153.93	-94.32	-368.33	-211.54
27672	-14.91	-11.34	-11.67	662.63	386.11	-1129.83	-96.24	-354.00	-225.30
27673	-14.78	-9.40	-11.67	722.62	438.52	-1160.03	-72.85	-342.04	-187.25
27674	-14.55	-10.21	-11.67	714.72	419.16	-1144.23	-77.27	-337.74	-203.01
27675	-14.30	-11.00	-11.67	708.73	398.88	-1126.76	-80.79	-329.53	-217.07
27676	-12.93	-14.37	-11.67	673.73	301.14	-1032.61	-92.34	-296.68	-262.54
27677	-12.65	-13.39	-11.67	719.81	334.61	-1051.56	-74.88	-286.56	-249.43
27678	-12.36	-12.43	-11.67	763.90	365.57	-1062.48	-59.10	-271.17	-230.00
27679	-13.86	-13.54	-11.67	653.75	323.64	-1066.08	-102.55	-321.78	-255.11
27680	-13.48	-12.78	-11.67	698.33	350.06	-1079.27	-85.19	-309.93	-244.28
27681	-13.10	-12.03	-11.67	740.91	374.46	-1085.98	-69.20	-293.55	-228.79
27682	-14.74	-12.66	-11.67	633.29	346.71	-1097.43	-109.99	-346.70	-245.73
27683	-14.28	-12.13	-11.67	675.85	365.94	-1105.02	-93.37	-332.85	-237.64
27684	-13.81	-11.61	-11.67	716.75	384.23	-1107.44	-77.77	-316.12	-224.11
27685	-17.76	-9.62	-11.67	490.94	413.20	-1177.75	-132.34	-434.27	-190.01
27686	-17.06	-10.82	-11.67	511.60	384.92	-1148.42	-137.95	-412.22	-209.33
27687	-16.27	-11.98	-11.67	533.67	355.33	-1116.89	-140.01	-388.26	-226.47
27688	-15.40	-13.08	-11.67	556.33	325.23	-1083.63	-138.06	-362.64	-241.18
27689	-14.46	-14.11	-11.67	579.01	295.66	-1048.54	-132.21	-336.49	-252.30
27690	-13.44	-15.08	-11.67	601.25	267.21	-1011.33	-122.63	-310.29	-260.79
27691	-12.37	-15.98	-11.67	622.27	240.37	-972.13	-109.66	-284.58	-266.56
27692	-11.23	-16.80	-11.67	642.24	215.44	-931.18	-93.80	-259.18	-270.40
27693	-10.04	-17.54	-11.67	660.85	193.01	-888.78	-75.17	-234.18	-272.03
27694	-8.80	-18.19	-11.67	677.87	173.28	-845.25	-54.21	-209.88	-271.47
27695	-7.52	-18.76	-11.67	693.24	156.41	-800.86	-31.28	-186.56	-268.87
27696	-6.20	-19.23	-11.67	706.95	142.56	-755.85	-6.72	-164.41	-264.47
27697	-4.86	-19.62	-11.67	719.09	131.78	-710.48	19.12	-143.59	-258.53
27698	-3.49	-19.90	-11.67	729.84	124.08	-665.00	45.91	-124.18	-251.31
27699	-2.10	-20.10	-11.67	739.48	119.43	-619.68	73.36	-106.17	-243.09
27700	-0.70	-20.20	-11.67	748.31	117.76	-574.91	101.26	-89.43	-234.25
27701	-18.68	-9.66	-11.67	366.54	402.49	-1154.62	-157.02	-424.52	-159.73
27702	-17.95	-10.95	-11.67	391.84	370.98	-1125.33	-167.08	-404.14	-178.39
27703	-17.14	-12.19	-11.67	418.75	337.82	-1093.39	-172.92	-382.34	-195.17
27704	-16.24	-13.37	-11.67	446.60	304.12	-1059.32	-174.19	-359.34	-209.66
27705	-15.26	-14.48	-11.67	474.76	270.48	-1023.36	-170.74	-335.56	-221.37
27706	-14.20	-15.53	-11.67	502.56	237.74	-985.41	-162.60	-311.57	-230.31
27707	-13.07	-16.49	-11.67	529.37	206.72	-945.46	-150.11	-287.71	-236.87
27708	-11.88	-17.37	-11.67	554.69	178.00	-903.73	-133.67	-264.16	-241.24
27709	-10.62	-18.17	-11.67	578.16	152.15	-860.44	-113.72	-240.98	-243.62
27710	-9.32	-18.87	-11.67	599.45	129.58	-815.88	-90.78	-218.35	-244.04
27711	-7.96	-19.48	-11.67	618.40	110.56	-770.32	-65.35	-196.44	-242.60
27712	-6.57	-19.99	-11.67	634.95	95.25	-724.02	-37.90	-175.43	-239.52
27713	-5.14	-20.41	-11.67	649.16	83.72	-677.30	-8.89	-155.40	-235.04
27714	-3.69	-20.72	-11.67	661.23	75.87	-630.40	21.27	-136.46	-229.45
27715	-2.22	-20.93	-11.67	671.47	71.57	-583.54	52.09	-118.62	-222.94
27716	-0.74	-21.03	-11.67	680.19	71.06	-536.90	83.09	-101.75	-215.53
27717	-19.60	-9.70	-11.67	248.72	396.54	-1122.39	-173.51	-365.25	-108.41
27718	-18.85	-11.08	-11.67	277.29	362.89	-1093.63	-188.46	-349.86	-123.43
27719	-18.01	-12.41	-11.67	308.12	327.25	-1061.92	-198.55	-333.70	-137.10
27720	-17.08	-13.67	-11.67	340.32	290.71	-1027.81	-203.38	-316.90	-149.20

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
27721	-16.06	-14.85	-11.67	373.08	254.00	-991.58	-202.80	-299.54	-159.32
27722	-14.95	-15.97	-11.67	405.67	217.92	-953.25	-196.87	-281.90	-167.47
27723	-13.77	-17.00	-11.67	437.34	183.42	-912.93	-185.78	-264.23	-173.85
27724	-12.52	-17.94	-11.67	467.40	151.31	-870.76	-169.96	-246.65	-178.66
27725	-11.20	-18.79	-11.67	495.30	122.27	-826.97	-149.93	-229.22	-182.04
27726	-9.83	-19.55	-11.67	520.62	96.83	-781.81	-126.26	-212.00	-184.08
27727	-8.41	-20.20	-11.67	543.07	75.38	-735.55	-99.54	-195.04	-184.85
27728	-6.94	-20.76	-11.67	562.49	58.15	-688.46	-70.36	-178.39	-184.47
27729	-5.43	-21.20	-11.67	578.84	45.22	-640.88	-39.20	-162.00	-183.14
27730	-3.90	-21.54	-11.67	592.35	36.41	-593.34	-6.46	-145.77	-181.23
27731	-2.35	-21.76	-11.67	603.62	31.22	-546.10	27.21	-129.94	-179.14
27732	-0.78	-21.87	-11.67	612.77	29.40	-498.93	60.61	-114.94	-176.73
27733	-20.51	-9.75	-11.67	148.65	395.86	-1102.45	-178.95	-259.70	-41.24
27734	-19.75	-11.21	-11.67	177.98	362.10	-1074.48	-198.30	-252.77	-49.20
27735	-18.89	-12.62	-11.67	210.48	325.68	-1043.12	-212.43	-245.82	-56.84
27736	-17.92	-13.96	-11.67	244.95	287.96	-1009.02	-221.01	-238.86	-64.03
27737	-16.86	-15.22	-11.67	280.29	249.67	-972.52	-223.81	-231.74	-70.52
27738	-15.71	-16.41	-11.67	315.72	211.69	-933.71	-220.85	-224.46	-76.34
27739	-14.48	-17.51	-11.67	350.40	174.96	-892.77	-212.33	-217.05	-81.62
27740	-13.17	-18.52	-11.67	383.57	140.40	-849.88	-198.58	-209.48	-86.50
27741	-11.79	-19.42	-11.67	414.57	108.76	-805.27	-180.10	-201.67	-91.07
27742	-10.35	-20.23	-11.67	442.87	80.69	-759.18	-157.46	-193.52	-95.36
27743	-8.85	-20.93	-11.67	468.08	56.66	-711.88	-131.26	-184.90	-99.37
27744	-7.30	-21.52	-11.67	489.92	37.02	-663.68	-102.11	-175.68	-103.10
27745	-5.72	-21.99	-11.67	508.13	21.94	-614.96	-70.50	-165.60	-106.58
27746	-4.11	-22.35	-11.67	522.66	11.37	-566.69	-36.63	-153.95	-110.12
27747	-2.47	-22.59	-11.67	534.82	4.08	-521.06	-0.77	-140.51	-115.17
27748	-0.83	-22.71	-11.67	546.26	0.46	-478.45	33.96	-128.71	-122.13
27749	-21.43	-9.79	-11.67	83.15	399.92	-1143.87	-168.25	-116.54	36.03
27750	-20.65	-11.34	-11.67	109.32	368.40	-1117.07	-189.85	-121.13	38.35
27751	-19.76	-12.83	-11.67	140.08	334.08	-1084.88	-207.08	-126.70	39.91
27752	-18.76	-14.25	-11.67	172.92	297.95	-1049.21	-218.97	-132.81	40.22
27753	-17.66	-15.59	-11.67	207.00	260.79	-1010.69	-225.32	-139.24	39.42
27754	-16.47	-16.85	-11.67	241.54	223.45	-969.53	-226.11	-145.77	37.49
27755	-15.18	-18.02	-11.67	275.72	186.80	-925.97	-221.44	-152.17	34.34
27756	-13.81	-19.09	-11.67	308.78	151.70	-880.27	-211.54	-158.17	29.90
27757	-12.37	-20.05	-11.67	340.04	118.94	-832.66	-196.77	-163.42	24.16
27758	-10.86	-20.91	-11.67	368.94	89.18	-783.43	-177.60	-167.57	17.18
27759	-9.29	-21.65	-11.67	395.02	62.98	-732.87	-154.54	-170.28	9.09
27760	-7.67	-22.28	-11.67	417.87	40.81	-681.41	-128.10	-171.12	0.06
27761	-6.01	-22.78	-11.67	437.12	23.03	-629.35	-98.81	-169.68	-9.64
27762	-4.32	-23.17	-11.67	451.74	9.73	-578.43	-66.81	-164.16	-20.00
27763	-2.60	-23.42	-11.67	464.52	0.33	-535.25	-32.42	-153.66	-32.29
27764	-0.87	-23.55	-11.67	478.05	-3.60	-499.51	1.72	-146.93	-45.50
27765	-17.76	-9.62	-13.00	597.86	489.39	-1157.54	-165.74	-303.24	-128.42
27766	-17.06	-10.82	-13.00	625.05	453.20	-1128.87	-172.00	-287.57	-141.51
27767	-16.27	-11.98	-13.00	653.48	416.46	-1097.72	-173.82	-270.58	-153.86
27768	-15.40	-13.08	-13.00	681.77	379.35	-1065.46	-170.43	-252.10	-164.19
27769	-14.46	-14.11	-13.00	709.85	342.80	-1031.49	-162.35	-233.30	-171.44
27770	-13.44	-15.08	-13.00	737.50	307.98	-995.30	-149.65	-214.76	-177.02
27771	-12.37	-15.98	-13.00	763.83	275.61	-957.08	-132.81	-196.84	-180.82
27772	-11.23	-16.80	-13.00	789.01	245.92	-917.13	-112.46	-179.24	-183.49
27773	-10.04	-17.54	-13.00	812.61	219.53	-875.78	-88.79	-161.94	-184.63
27774	-8.80	-18.19	-13.00	834.35	196.58	-833.35	-62.31	-145.19	-184.19
27775	-7.52	-18.76	-13.00	854.12	177.32	-790.05	-33.49	-129.17	-182.30
27776	-6.20	-19.23	-13.00	871.93	161.93	-746.10	-2.75	-114.04	-179.12
27777	-4.86	-19.62	-13.00	887.89	150.52	-701.72	29.48	-99.90	-174.84
27778	-3.49	-19.90	-13.00	902.25	143.08	-657.12	62.88	-86.78	-169.63
27779	-2.10	-20.10	-13.00	915.37	139.44	-612.60	97.19	-74.64	-163.73
27780	-0.70	-20.20	-13.00	927.78	139.30	-568.37	132.18	-63.42	-157.48
27781	-18.68	-9.66	-13.00	436.98	464.44	-1176.10	-191.90	-294.11	-107.23
27782	-17.95	-10.95	-13.00	469.51	425.43	-1146.64	-203.88	-279.12	-119.78
27783	-17.14	-12.19	-13.00	503.95	385.56	-1114.07	-210.71	-263.68	-131.73
27784	-16.24	-13.37	-13.00	539.04	345.18	-1079.60	-211.68	-247.54	-141.83
27785	-15.26	-14.48	-13.00	574.32	304.81	-1043.18	-206.88	-230.83	-149.70
27786	-14.20	-15.53	-13.00	609.25	265.60	-1004.68	-196.34	-214.14	-155.52
27787	-13.07	-16.49	-13.00	643.11	228.76	-964.13	-180.46	-197.69	-159.77
27788	-11.88	-17.37	-13.00	675.34	195.00	-921.75	-159.80	-181.55	-162.58
27789	-10.62	-18.17	-13.00	705.48	164.93	-877.80	-134.92	-165.72	-164.08
27790	-9.32	-18.87	-13.00	733.18	139.00	-832.57	-106.44	-150.30	-164.22
27791	-7.96	-19.48	-13.00	758.21	117.50	-786.30	-74.98	-135.45	-163.07
27792	-6.57	-19.99	-13.00	780.50	100.69	-739.25	-41.12	-121.28	-160.76
27793	-5.14	-20.41	-13.00	800.08	88.73	-691.69	-5.41	-107.86	-157.46
27794	-3.69	-20.72	-13.00	817.13	81.59	-643.84	31.74	-95.26	-153.32
27795	-2.22	-20.93	-13.00	831.97	79.19	-595.77	69.99	-83.47	-148.29
27796	-0.74	-21.03	-13.00	845.09	81.13	-548.34	109.20	-72.02	-142.94
27797	-19.60	-9.70	-13.00	288.93	446.77	-1188.22	-206.51	-247.78	-69.48
27798	-18.85	-11.08	-13.00	324.95	406.57	-1157.95	-224.39	-236.16	-79.35
27799	-18.01	-12.41	-13.00	363.69	365.17	-1124.31	-236.54	-224.87	-88.91
27800	-17.08	-13.67	-13.00	403.80	322.73	-1088.42	-242.07	-213.50	-97.10
27801	-16.06	-14.85	-13.00	444.58	279.99	-1050.17	-241.07	-201.81	-103.78
27802	-14.95	-15.97	-13.00	485.29	238.02	-1009.64	-233.65	-189.98	-109.04
27803	-13.77	-17.00	-13.00	525.11	198.03	-966.98	-220.06	-178.22	-113.10
27804	-12.52	-17.94	-13.00	563.26	161.04	-922.35	-200.82	-166.58	-116.13
27805	-11.20	-18.79	-13.00	599.11	127.81	-876.03	-176.54	-155.09	-118.23
27806	-9.83	-19.55	-13.00	632.19	98.96	-828.25	-147.90	-143.78	-119.45
27807	-8.41	-20.20	-13.00	662.18	74.92	-779.31	-115.59	-132.70	-119.83
27808	-6.94	-20.76	-13.00	688.88	56.02	-729.45	-80.31	-121.90	-119.41
27809	-5.43	-21.20	-13.00	712.19	42.47	-678.98	-42.68	-111.37	-118.28
27810	-3.90	-21.54	-13.00	732.19	34.47	-628.34	-3.19	-101.00	-116.69
27811	-2.35	-21.76	-13.00	749.09	31.21	-577.59	37.96	-91.08	-114.80
27812	-0.78	-21.87	-13.00	763.56	33.43	-525.06	79.89	-81.68	-110.95
27813	-20.51	-9.75	-13.00	169.37	439.78	-1205.20	-206.24	-165.60	-18.64
27814	-19.75	-11.21	-13.00	205.46	401.15	-1174.08	-229.29	-160.11	-23.30
27815	-18.89	-12.62	-13.00	245.13	360.51	-1139.53	-246.33	-155.89	-28.24
27816	-17.92	-13.96	-13.00	286.90	318.22	-1102.37	-256.59	-152.12	-32.58
27817	-16.86	-15.22	-13.00	329.88	275.10	-1062.49	-260.09	-148.31	-36.41
27818	-15.71	-16.41	-13.00	373.26	232.25	-1020.05	-256.93	-144.46	-39.86
27819	-14.48	-17.51	-13.00	416.16	190.80	-975.24	-247.28	-140.57	-43.03

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
27820	-13.17	-18.52	-13.00	457.74	151.80	-928.30	-231.54	-136.61	-46.06
27821	-11.79	-19.42	-13.00	497.26	116.14	-879.48	-210.21	-132.50	-49.00
27822	-10.35	-20.23	-13.00	534.14	84.55	-829.05	-183.92	-128.16	-51.87
27823	-8.85	-20.93	-13.00	567.94	57.58	-777.29	-153.29	-123.50	-54.65
27824	-7.30	-21.52	-13.00	598.35	35.67	-724.55	-119.00	-118.44	-57.33
27825	-5.72	-21.99	-13.00	625.11	19.18	-671.03	-81.69	-112.93	-59.79
27826	-4.11	-22.35	-13.00	647.56	8.24	-617.37	-41.60	-106.31	-62.16
27827	-2.47	-22.59	-13.00	666.41	2.94	-565.83	1.51	-97.69	-65.74
27828	-0.83	-22.71	-13.00	683.23	-4.81	-516.22	47.06	-89.91	-74.10
27829	-21.43	-9.79	-13.00	93.39	443.17	-1267.71	-188.79	-65.99	35.98
27830	-20.65	-11.34	-13.00	123.98	409.11	-1237.29	-214.23	-69.86	38.99
27831	-19.76	-12.83	-13.00	160.14	372.40	-1200.88	-234.84	-74.97	40.76
27832	-18.76	-14.25	-13.00	198.64	333.31	-1161.37	-249.33	-80.81	41.72
27833	-17.66	-15.59	-13.00	239.05	292.76	-1118.71	-257.70	-86.91	41.80
27834	-16.47	-16.85	-13.00	280.50	251.73	-1073.12	-259.87	-93.13	40.90
27835	-15.18	-18.02	-13.00	322.18	211.22	-1024.87	-255.90	-99.27	38.96
27836	-13.81	-19.09	-13.00	363.29	172.15	-974.24	-245.95	-105.11	35.91
27837	-12.37	-20.05	-13.00	403.10	135.40	-921.50	-230.31	-110.37	31.77
27838	-10.86	-20.91	-13.00	440.99	101.73	-866.98	-209.39	-114.81	26.57
27839	-9.29	-21.65	-13.00	476.41	71.82	-811.01	-183.62	-118.13	20.44
27840	-7.67	-22.28	-13.00	508.90	46.25	-753.85	-153.46	-120.09	13.53
27841	-6.01	-22.78	-13.00	537.92	25.47	-696.37	-119.34	-120.19	5.95
27842	-4.32	-23.17	-13.00	562.74	10.30	-637.13	-81.94	-118.56	-1.57
27843	-2.60	-23.42	-13.00	578.23	-0.30	-587.45	-38.68	-105.60	-10.83
27844	-0.87	-23.55	-13.00	604.49	-10.26	-569.82	9.45	-93.56	-34.13
27845	-17.76	-9.62	-14.33	706.91	566.64	-1145.49	-210.26	-128.98	-44.61
27846	-17.06	-10.82	-14.33	744.11	523.20	-1117.20	-220.31	-121.17	-50.97
27847	-16.27	-11.98	-14.33	782.02	477.15	-1086.50	-221.76	-114.78	-56.30
27848	-15.40	-13.08	-14.33	817.46	429.61	-1054.54	-215.78	-106.91	-60.48
27849	-14.46	-14.11	-14.33	851.56	383.31	-1020.81	-204.21	-98.73	-62.96
27850	-13.44	-15.08	-14.33	885.29	340.26	-985.02	-186.97	-90.87	-65.11
27851	-12.37	-15.98	-14.33	917.55	301.19	-947.44	-164.70	-83.55	-66.57
27852	-11.23	-16.80	-14.33	948.64	265.82	-908.27	-138.27	-76.40	-67.77
27853	-10.04	-17.54	-14.33	977.78	234.69	-867.76	-107.75	-69.41	-68.31
27854	-8.80	-18.19	-14.33	1004.45	208.07	-826.15	-73.85	-62.69	-68.18
27855	-7.52	-18.76	-14.33	1028.51	186.32	-783.65	-37.22	-56.31	-67.44
27856	-6.20	-19.23	-14.33	1050.01	169.69	-740.46	1.48	-50.33	-66.19
27857	-4.86	-19.62	-14.33	1069.14	158.29	-696.78	41.73	-44.78	-64.48
27858	-3.49	-19.90	-14.33	1086.27	152.05	-652.86	83.14	-39.68	-62.39
27859	-2.10	-20.10	-14.33	1101.99	150.54	-608.90	125.46	-34.97	-60.03
27860	-0.70	-20.20	-14.33	1117.10	153.12	-565.21	168.38	-30.67	-57.58
27861	-18.68	-9.66	-14.33	484.97	519.89	-1189.67	-245.77	-124.19	-37.70
27862	-17.95	-10.95	-14.33	529.25	473.40	-1160.11	-263.09	-115.95	-44.15
27863	-17.14	-12.19	-14.33	575.20	424.15	-1127.60	-271.38	-109.70	-49.39
27864	-16.24	-13.37	-14.33	621.77	373.55	-1092.90	-271.71	-103.10	-53.46
27865	-15.26	-14.48	-14.33	668.13	322.98	-1055.98	-264.40	-96.28	-56.47
27866	-14.20	-15.53	-14.33	713.68	274.37	-1016.93	-249.71	-89.53	-58.58
27867	-13.07	-16.49	-14.33	757.67	229.39	-975.87	-228.30	-82.93	-60.11
27868	-11.88	-17.37	-14.33	799.47	188.76	-933.04	-201.00	-76.49	-61.09
27869	-10.62	-18.17	-14.33	838.54	153.12	-888.68	-168.51	-70.18	-61.58
27870	-9.32	-18.87	-14.33	874.35	123.01	-843.04	-131.62	-64.07	-61.51
27871	-7.96	-19.48	-14.33	906.64	98.81	-796.37	-91.21	-58.20	-60.92
27872	-6.57	-19.99	-14.33	935.35	80.86	-748.91	-48.12	-52.64	-59.86
27873	-5.14	-20.41	-14.33	960.51	69.42	-700.91	-3.15	-47.41	-58.40
27874	-3.69	-20.72	-14.33	982.27	64.70	-652.56	43.26	-42.57	-56.50
27875	-2.22	-20.93	-14.33	1001.20	66.28	-604.27	91.10	-38.05	-54.20
27876	-0.74	-21.03	-14.33	1018.34	72.78	-555.92	140.34	-33.60	-51.82
27877	-19.60	-9.70	-14.33	286.93	483.65	-1230.38	-263.83	-103.57	-22.10
27878	-18.85	-11.08	-14.33	336.64	436.52	-1199.29	-288.63	-96.64	-27.60
27879	-18.01	-12.41	-14.33	388.88	385.84	-1164.88	-303.57	-92.18	-31.70
27880	-17.08	-13.67	-14.33	442.70	333.26	-1127.96	-309.69	-87.60	-34.90
27881	-16.06	-14.85	-14.33	497.13	280.50	-1088.42	-307.22	-82.94	-37.46
27882	-14.95	-15.97	-14.33	551.19	229.18	-1046.45	-296.46	-78.23	-39.41
27883	-13.77	-17.00	-14.33	603.86	180.86	-1002.27	-277.89	-73.56	-40.86
27884	-12.52	-17.94	-14.33	654.24	136.81	-956.08	-252.28	-68.98	-41.91
27885	-11.20	-18.79	-14.33	701.60	97.90	-908.14	-220.46	-64.47	-42.58
27886	-9.83	-19.55	-14.33	745.34	64.85	-858.73	-183.31	-60.07	-42.90
27887	-8.41	-20.20	-14.33	785.07	38.21	-808.11	-141.79	-55.79	-42.88
27888	-6.94	-20.76	-14.33	820.65	18.35	-756.58	-96.89	-51.68	-42.54
27889	-5.43	-21.20	-14.33	852.07	5.65	-704.33	-49.64	-47.77	-41.83
27890	-3.90	-21.54	-14.33	879.09	0.90	-651.93	-1.02	-43.87	-41.11
27891	-2.35	-21.76	-14.33	901.25	4.95	-598.62	49.52	-40.57	-39.19
27892	-0.78	-21.87	-14.33	920.04	15.39	-547.47	103.60	-36.80	-37.10
27893	-20.51	-9.75	-14.33	144.12	468.78	-1272.42	-255.89	-64.49	0.14
27894	-19.75	-11.21	-14.33	194.60	425.00	-1239.58	-286.68	-59.80	-3.15
27895	-18.89	-12.62	-14.33	247.44	376.74	-1203.37	-307.49	-58.51	-5.12
27896	-17.92	-13.96	-14.33	302.46	325.88	-1164.25	-319.41	-57.29	-6.47
27897	-16.86	-15.22	-14.33	358.90	274.19	-1122.14	-322.66	-56.13	-7.64
27898	-15.71	-16.41	-14.33	415.70	223.25	-1077.28	-317.49	-54.97	-8.67
27899	-14.48	-17.51	-14.33	471.77	174.50	-1029.91	-304.25	-53.82	-9.61
27900	-13.17	-18.52	-14.33	526.12	129.21	-980.28	-283.53	-52.68	-10.52
27901	-11.79	-19.42	-14.33	577.89	88.44	-928.69	-256.01	-51.50	-11.42
27902	-10.35	-20.23	-14.33	626.39	53.01	-875.42	-222.51	-50.26	-12.32
27903	-8.85	-20.93	-14.33	671.14	23.57	-820.79	-183.87	-48.94	-13.22
27904	-7.30	-21.52	-14.33	711.84	0.65	-765.06	-141.00	-47.51	-14.09
27905	-5.72	-21.99	-14.33	748.42	-15.36	-708.76	-94.87	-45.95	-14.99
27906	-4.11	-22.35	-14.33	781.09	-23.72	-651.15	-47.00	-44.62	-15.02
27907	-2.47	-22.59	-14.33	807.11	-21.15	-597.58	0.83	-41.16	-17.95
27908	-0.83	-22.71	-14.33	826.28	-4.70	-529.16	55.82	-43.61	-10.08
27909	-21.43	-9.79	-14.33	79.43	483.52	-1326.06	-217.84	-20.51	26.37
27910	-20.65	-11.34	-14.33	121.61	448.93	-1292.67	-252.16	-20.46	26.60
27911	-19.76	-12.83	-14.33	166.12	408.05	-1254.48	-276.88	-23.94	27.81
27912	-18.76	-14.25	-14.33	213.72	363.82	-1212.98	-294.27	-27.34	28.83
27913	-17.66	-15.59	-14.33	263.72	317.81	-1168.13	-304.36	-30.94	29.36
27914	-16.47	-16.85	-14.33	315.22	271.31	-1120.18	-307.14	-34.61	29.37
27915	-15.18	-18.02	-14.33	367.30	225.48	-1069.43	-302.69	-38.26	28.81
27916	-13.81	-19.09	-14.33	419.06	181.41	-1016.17	-291.20	-41.76	27.68
27917	-12.37	-20.05	-14.33	469.71	140.07	-960.71	-273.01	-45.01	25.98
27918	-10.86	-20.91	-14.33	518.54	102.36	-903.39	-248.53	-47.87	23.74

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
27919	-9.29	-21.65	-14.33	564.96	69.04	-844.51	-218.22	-50.24	21.02
27920	-7.67	-22.28	-14.33	608.45	40.78	-784.55	-182.61	-51.99	17.90
27921	-6.01	-22.78	-14.33	648.68	18.38	-723.30	-142.27	-53.06	14.53
27922	-4.32	-23.17	-14.33	685.32	1.63	-664.04	-97.87	-52.96	10.29
27923	-2.60	-23.42	-14.33	718.69	-4.10	-591.63	-52.20	-54.90	12.40
27924	-0.87	-23.55	-14.33	725.80	-0.23	-616.82	-6.87	-11.85	-23.33
27925	78.92	1.65	17.16	-29.42	-210.05	-600.82	137.15	158.28	-598.83
27926	78.92	0.55	17.16	104.12	149.42	-227.79	34.01	82.42	-151.71
27927	78.92	-0.55	17.16	111.01	183.22	-206.94	-38.73	81.85	100.99
27928	78.92	-1.65	17.16	0.72	-83.75	-505.33	-141.91	156.84	482.89
27929	79.85	1.65	17.16	19.48	-195.36	-547.15	114.27	164.38	-544.44
27930	79.86	0.55	17.16	149.10	129.08	-207.48	22.83	86.16	-137.99
27931	79.86	-0.55	17.16	155.38	161.59	-186.78	-36.97	84.33	89.52
27932	79.85	-1.65	17.16	47.78	-72.49	-451.89	-127.79	159.51	430.92
27933	80.78	1.65	17.16	69.17	-179.70	-498.76	88.39	164.92	-479.77
27934	80.79	0.55	17.16	192.58	102.87	-195.94	10.06	81.70	-119.98
27935	80.79	-0.55	17.16	198.04	132.56	-175.37	-35.07	78.75	75.28
27936	80.78	-1.65	17.16	94.92	-64.70	-403.30	-111.22	156.64	370.94
27937	81.71	1.65	17.16	108.07	-164.72	-478.36	58.73	140.68	-395.19
27938	81.73	0.55	17.16	218.53	64.25	-223.78	-5.18	42.40	-97.34
27939	81.73	-0.55	17.16	224.41	89.41	-201.69	-35.11	40.26	54.69
27940	81.71	-1.65	17.16	133.31	-63.87	-379.45	-93.61	131.84	293.70
27941	82.64	1.65	17.16	104.32	-167.46	-581.61	22.73	6.55	-281.84
27942	82.67	0.55	17.16	188.76	-11.28	-398.35	-25.53	-115.90	-77.09
27943	82.67	-0.55	17.16	199.16	9.52	-366.23	-40.26	-108.72	22.00
27944	82.64	-1.65	17.16	139.37	-85.60	-460.26	-78.63	17.30	183.96
27945	83.58	1.65	17.16	-12.95	-391.15	-2013.86	-29.53	-520.78	-193.42
27946	83.60	0.55	17.16	32.17	-328.23	-1928.83	-54.95	-644.65	-93.75
27947	83.60	-0.55	17.16	55.81	-298.21	-1813.05	-51.00	-603.16	-31.07
27948	83.58	-1.65	17.16	56.60	-296.25	-1663.00	-65.74	-414.60	50.03
27949	84.51	1.65	17.16	-269.46	-510.02	-2680.40	27.60	857.88	-38.29
27950	84.54	0.55	17.16	-215.13	-487.36	-2543.82	-8.51	832.83	-54.80
27951	84.54	-0.55	17.16	-194.94	-451.46	-2347.63	-41.24	816.69	-69.90
27952	84.51	-1.65	17.16	-207.04	-404.20	-2094.23	-71.44	807.36	-82.97
27953	85.44	1.65	17.16	-1223.57	-501.94	-1409.98	-156.05	1283.50	28.31
27954	85.48	0.55	17.16	-1119.97	-459.54	-1288.61	-121.13	1176.54	-15.77
27955	85.48	-0.55	17.16	-1039.09	-419.67	-1169.68	-92.84	1080.54	-51.37
27956	85.44	-1.65	17.16	-980.31	-381.85	-1051.52	-65.61	994.05	-81.45
27957	86.37	1.65	17.16	-539.35	-289.22	-341.95	-139.12	497.21	8.92
27958	86.41	0.55	17.16	-495.92	-265.15	-313.35	-119.61	454.78	-7.25
27959	86.41	-0.55	17.16	-465.18	-244.71	-290.25	-102.74	421.24	-19.87
27960	86.37	-1.65	17.16	-446.77	-227.17	-271.40	-85.20	395.65	-31.30
27961	87.30	1.65	17.16	-191.33	-234.59	-148.86	-119.24	218.96	10.64
27962	87.35	0.55	17.16	-176.95	-217.69	-136.84	-111.49	199.68	2.34
27963	87.35	-0.55	17.16	-169.19	-202.89	-127.73	-103.69	185.31	-4.35
27964	87.30	-1.65	17.16	-167.71	-189.84	-121.00	-94.33	175.43	-10.64
27965	88.23	1.65	17.16	-12.58	-207.68	-72.38	-99.03	92.58	12.85
27966	88.29	0.55	17.16	-11.94	-196.45	-66.69	-98.65	83.61	7.78
27967	88.29	-0.55	17.16	-14.80	-185.73	-62.72	-97.02	77.09	3.47
27968	88.23	-1.65	17.16	-20.78	-175.48	-60.15	-93.60	72.87	-0.70
27969	89.17	1.65	17.16	70.42	-192.72	-40.47	-80.11	27.88	14.21
27970	89.22	0.55	17.16	65.17	-186.06	-37.32	-83.94	23.93	10.85
27971	89.22	-0.55	17.16	57.95	-178.68	-35.22	-86.28	21.07	7.80
27972	89.17	-1.65	17.16	49.20	-170.66	-33.97	-86.91	19.27	4.78
27973	90.10	1.65	17.16	97.29	-183.14	-24.84	-62.80	-8.93	15.38
27974	90.16	0.55	17.16	90.11	-180.10	-22.79	-68.76	-10.14	13.04
27975	90.16	-0.55	17.16	81.80	-175.52	-21.43	-73.43	-10.99	10.72
27976	90.10	-1.65	17.16	72.70	-169.50	-20.62	-76.69	-11.48	8.36
27977	91.03	1.65	17.16	90.17	-175.64	-13.88	-46.49	-30.65	17.56
27978	91.10	0.55	17.16	83.19	-175.46	-12.40	-53.32	-30.10	15.57
27979	91.10	-0.55	17.16	75.55	-173.25	-11.35	-59.27	-29.63	13.43
27980	91.03	-1.65	17.16	67.50	-169.08	-10.68	-64.18	-29.23	11.17
27981	91.96	1.65	17.16	62.70	-167.28	0.55	-29.77	-40.68	23.13
27982	92.04	0.55	17.16	57.26	-169.57	1.55	-36.89	-38.67	20.40
27983	92.04	-0.55	17.16	51.40	-169.46	2.32	-43.62	-37.13	17.34
27984	91.96	-1.65	17.16	45.27	-166.95	2.91	-49.79	-36.03	14.12
27985	92.89	1.65	17.16	24.65	-154.00	29.97	-10.49	-35.90	39.25
27986	92.97	0.55	17.16	21.97	-158.73	30.10	-17.83	-32.20	32.98
27987	92.97	-0.55	17.16	18.75	-160.75	30.25	-25.40	-29.46	26.36
27988	92.89	-1.65	17.16	15.08	-159.93	30.36	-32.93	-27.84	19.47
27989	78.93	1.65	15.47	-293.35	-765.26	-1557.39	132.31	421.48	-891.12
27990	78.93	0.55	15.47	-214.80	-772.98	-934.16	46.78	335.13	-354.94
27991	78.93	-0.55	15.47	-203.87	-735.11	-870.06	-49.18	334.65	157.74
27992	78.93	-1.65	15.47	-256.42	-668.36	-1327.74	-135.37	420.51	643.59
27993	79.89	1.65	15.47	-253.28	-706.72	-1421.45	141.80	384.77	-814.03
27994	79.90	0.55	15.47	-178.74	-710.29	-852.22	49.59	289.63	-327.98
27995	79.90	-0.55	15.47	-167.76	-672.58	-787.98	-56.87	288.06	132.88
27996	79.89	-1.65	15.47	-216.95	-609.25	-1190.89	-149.96	380.98	568.04
27997	80.85	1.65	15.47	-239.81	-648.12	-1316.99	153.46	334.84	-720.21
27998	80.86	0.55	15.47	-175.55	-643.78	-809.52	51.53	226.78	-294.31
27999	80.86	-0.55	15.47	-163.82	-606.95	-744.31	-65.21	224.90	101.84
28000	80.85	-1.65	15.47	-202.71	-551.55	-1083.03	-166.02	329.34	477.13
28001	81.80	1.65	15.47	-250.15	-588.04	-1285.63	168.01	244.51	-601.60
28002	81.82	0.55	15.47	-195.22	-576.99	-857.25	52.04	116.61	-253.74
28003	81.82	-0.55	15.47	-181.55	-542.56	-787.60	-75.40	116.85	60.85
28004	81.80	-1.65	15.47	-209.16	-496.01	-1040.02	-185.61	242.13	362.25
28005	82.76	1.65	15.47	-249.24	-537.45	-1477.43	176.29	107.64	-453.62
28006	82.78	0.55	15.47	-191.27	-527.50	-1156.02	48.19	-35.74	-209.53
28007	82.78	-0.55	15.47	-176.64	-496.90	-1069.08	-83.16	-30.11	7.33
28008	82.76	-1.65	15.47	-205.86	-453.54	-1188.80	-199.48	116.16	216.79
28009	83.72	1.65	15.47	-55.64	-434.63	-1644.50	165.98	249.35	-280.24
28010	83.75	0.55	15.47	22.06	-432.79	-1426.32	43.58	127.17	-159.03
28011	83.75	-0.55	15.47	24.97	-410.04	-1319.71	-76.68	123.14	-48.40
28012	83.72	-1.65	15.47	-43.48	-371.24	-1310.24	-184.65	228.54	57.29
28013	84.68	1.65	15.47	10.67	-350.51	-1601.52	86.49	464.77	-152.64
28014	84.71	0.55	15.47	70.08	-356.06	-1461.07	18.71	372.99	-118.59
28015	84.71	-0.55	15.47	66.70	-341.06	-1354.01	-50.72	346.69	-80.92
28016	84.68	-1.65	15.47	3.72	-308.73	-1276.38	-110.35	381.10	-46.51
28017	85.64	1.65	15.47	-73.51	-288.58	-1294.90	61.78	690.98	-68.99

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
28018	85.67	0.55	15.47	-43.07	-298.29	-1198.70	24.33	624.38	-76.18
28019	85.67	-0.55	15.47	-43.30	-290.34	-1112.25	-16.30	581.26	-75.93
28020	85.64	-1.65	15.47	-73.29	-266.91	-1034.93	-50.11	560.84	-76.01
28021	86.60	1.65	15.47	-354.65	-256.37	-820.62	14.74	686.15	-14.16
28022	86.64	0.55	15.47	-314.79	-260.48	-757.32	3.84	626.41	-34.95
28023	86.64	-0.55	15.47	-291.67	-253.99	-703.56	-11.07	579.36	-49.17
28024	86.60	-1.65	15.47	-285.11	-238.01	-658.69	-23.28	544.74	-61.74
28025	87.55	1.65	15.47	-323.16	-202.70	-435.43	-7.31	452.95	9.99
28026	87.60	0.55	15.47	-292.21	-206.29	-402.82	-9.98	414.32	-8.45
28027	87.60	-0.55	15.47	-271.71	-203.19	-377.21	-15.71	383.72	-22.65
28028	87.55	-1.65	15.47	-261.56	-194.00	-358.13	-20.31	360.97	-35.53
28029	88.51	1.65	15.47	-234.28	-170.95	-248.33	-16.88	267.88	23.43
28030	88.56	0.55	15.47	-213.32	-174.11	-230.25	-17.90	244.66	8.62
28031	88.56	-0.55	15.47	-199.17	-172.65	-216.71	-20.91	226.27	-3.71
28032	88.51	-1.65	15.47	-191.73	-166.88	-207.50	-23.35	212.64	-15.17
28033	89.47	1.65	15.47	-149.00	-150.24	-149.04	-19.21	139.41	31.63
28034	89.53	0.55	15.47	-135.94	-153.29	-138.03	-20.88	126.23	19.89
28035	89.53	-0.55	15.47	-127.41	-152.82	-130.08	-23.75	115.81	9.42
28036	89.47	-1.65	15.47	-123.33	-148.99	-125.06	-26.23	108.12	-0.54
28037	90.43	1.65	15.47	-82.54	-134.88	-89.42	-17.26	53.74	37.99
28038	90.49	0.55	15.47	-74.98	-138.09	-82.00	-20.25	47.06	28.31
28039	90.49	-0.55	15.47	-70.51	-138.35	-76.70	-23.90	41.82	19.12
28040	90.43	-1.65	15.47	-69.04	-135.73	-73.45	-27.25	37.97	10.13
28041	91.39	1.65	15.47	-35.31	-121.26	-42.74	-13.05	-1.11	45.24
28042	91.45	0.55	15.47	-31.43	-124.73	-37.36	-17.25	-3.31	36.38
28043	91.45	-0.55	15.47	-29.66	-125.59	-33.48	-21.86	-5.02	27.48
28044	91.39	-1.65	15.47	-29.93	-123.85	-31.04	-26.21	-6.30	18.57
28045	92.35	1.65	15.47	-4.69	-107.13	10.45	-8.58	-32.80	55.92
28046	92.42	0.55	15.47	-3.36	-110.68	14.24	-13.41	-31.54	46.50
28047	92.42	-0.55	15.47	-3.36	-112.00	17.00	-18.56	-30.65	36.56
28048	92.35	-1.65	15.47	-4.66	-111.04	18.78	-23.49	-30.15	26.43
28049	93.30	1.65	15.47	9.95	-91.66	90.46	-7.60	-47.54	71.61
28050	93.38	0.55	15.47	9.08	-94.86	92.21	-11.72	-43.28	60.14
28051	93.38	-0.55	15.47	7.70	-96.27	93.34	-16.01	-40.10	47.89
28052	93.30	-1.65	15.47	5.91	-95.88	93.78	-20.24	-38.29	35.21
28053	78.94	1.65	13.78	-187.60	-544.27	-2046.93	56.02	536.37	-521.27
28054	78.94	0.55	13.78	-178.55	-688.88	-1666.87	23.02	501.22	-291.79
28055	78.94	-0.55	13.78	-172.38	-678.10	-1581.80	-22.17	500.76	24.46
28056	78.94	-1.65	13.78	-169.45	-522.25	-1785.03	-55.33	535.21	250.17
28057	79.93	1.65	13.78	-176.89	-507.18	-1870.23	75.30	482.30	-482.16
28058	79.93	0.55	13.78	-166.44	-636.93	-1519.07	31.17	436.50	-274.81
28059	79.93	-0.55	13.78	-160.63	-626.17	-1433.43	-28.06	434.81	9.49
28060	79.93	-1.65	13.78	-160.26	-484.92	-1606.33	-72.17	477.49	212.75
28061	80.91	1.65	13.78	-164.71	-467.56	-1740.83	93.17	428.57	-429.22
28062	80.92	0.55	13.78	-155.12	-578.94	-1425.16	38.47	371.32	-252.02
28063	80.92	-0.55	13.78	-150.02	-568.55	-1337.99	-32.35	368.30	-9.66
28064	80.91	-1.65	13.78	-150.70	-445.98	-1472.38	-85.92	419.15	163.77
28065	81.90	1.65	13.78	-137.71	-424.39	-1670.30	108.32	382.55	-361.39
28066	81.91	0.55	13.78	-126.50	-515.84	-1399.13	45.03	314.46	-223.38
28067	81.91	-0.55	13.78	-122.99	-506.53	-1308.74	-34.14	309.40	-32.57
28068	81.90	-1.65	13.78	-128.55	-405.44	-1393.31	-94.76	366.06	103.53
28069	82.88	1.65	13.78	-71.37	-370.64	-1611.19	115.44	398.01	-281.56
28070	82.90	0.55	13.78	-54.55	-440.25	-1389.88	50.17	325.53	-188.46
28071	82.90	-0.55	13.78	-54.81	-433.34	-1297.30	-30.40	314.69	-56.22
28072	82.88	-1.65	13.78	-72.72	-357.46	-1329.28	-92.16	364.00	38.11
28073	83.87	1.65	13.78	-48.92	-321.59	-1514.42	107.00	452.06	-202.22
28074	83.89	0.55	13.78	-30.11	-369.23	-1344.53	50.68	379.71	-150.21
28075	83.89	-0.55	13.78	-31.76	-365.37	-1254.91	-18.84	360.13	-73.26
28076	83.87	-1.65	13.78	-54.06	-315.06	-1243.19	-72.28	392.00	-16.86
28077	84.85	1.65	13.78	-59.88	-271.03	-1343.62	97.93	518.16	-126.74
28078	84.88	0.55	13.78	-36.21	-302.23	-1220.69	51.23	451.74	-109.48
28079	84.88	-0.55	13.78	-35.86	-301.56	-1140.82	-3.90	424.12	-77.35
28080	84.85	-1.65	13.78	-58.36	-271.76	-1103.22	-48.65	434.39	-53.00
28081	85.84	1.65	13.78	-111.89	-226.34	-1111.81	71.77	543.05	-65.03
28082	85.87	0.55	13.78	-85.43	-247.47	-1026.03	42.37	487.94	-71.87
28083	85.87	-0.55	13.78	-79.78	-248.83	-960.89	7.08	456.11	-68.86
28084	85.84	-1.65	13.78	-94.37	-231.83	-916.57	-22.73	447.40	-67.26
28085	86.82	1.65	13.78	-148.37	-186.60	-852.71	52.06	517.48	-21.04
28086	86.86	0.55	13.78	-127.49	-202.61	-793.19	35.39	474.48	-39.66
28087	86.86	-0.55	13.78	-119.37	-205.60	-744.69	14.39	443.14	-51.31
28088	86.82	-1.65	13.78	-124.04	-196.31	-707.52	-4.12	423.90	-62.01
28089	87.81	1.65	13.78	-199.20	-159.45	-607.01	32.81	440.67	9.59
28090	87.85	0.55	13.78	-179.22	-171.08	-565.87	25.34	406.70	-12.72
28091	87.85	-0.55	13.78	-166.82	-174.23	-532.57	14.46	379.26	-30.18
28092	87.81	-1.65	13.78	-162.30	-169.18	-507.17	4.24	358.81	-46.11
28093	88.79	1.65	13.78	-192.07	-135.18	-408.17	19.22	323.11	28.84
28094	88.84	0.55	13.78	-175.19	-144.02	-380.71	16.04	298.80	7.57
28095	88.84	-0.55	13.78	-163.09	-147.13	-359.18	10.29	278.56	-10.60
28096	88.79	-1.65	13.78	-156.08	-144.59	-343.49	4.46	262.69	-27.51
28097	89.78	1.65	13.78	-154.74	-116.43	-269.56	10.68	213.62	41.57
28098	89.83	0.55	13.78	-141.79	-123.30	-250.58	8.80	197.38	22.58
28099	89.83	-0.55	13.78	-132.04	-126.10	-236.13	5.10	183.76	5.39
28100	89.78	-1.65	13.78	-125.73	-124.78	-226.07	1.14	172.88	-10.98
28101	90.76	1.65	13.78	-107.64	-101.09	-168.16	5.60	125.99	50.99
28102	90.82	0.55	13.78	-98.52	-106.56	-154.31	3.62	115.98	34.16
28103	90.82	-0.55	13.78	-91.64	-108.92	-143.97	0.43	107.58	18.20
28104	90.76	-1.65	13.78	-87.16	-108.14	-137.01	-3.01	100.78	2.66
28105	91.75	1.65	13.78	-62.12	-87.44	-82.36	2.10	60.59	59.05
28106	91.81	0.55	13.78	-56.41	-91.73	-71.70	-0.31	55.37	43.87
28107	91.81	-0.55	13.78	-52.28	-93.61	-63.85	-3.50	50.93	28.88
28108	91.75	-1.65	13.78	-49.81	-93.05	-58.69	-6.81	47.19	13.96
28109	92.73	1.65	13.78	-24.05	-74.56	5.92	-1.84	12.19	66.30
28110	92.80	0.55	13.78	-21.43	-77.56	14.47	-4.32	10.83	52.50
28111	92.80	-0.55	13.78	-19.76	-78.87	20.57	-7.26	9.47	38.26
28112	92.73	-1.65	13.78	-19.07	-78.44	24.34	-10.15	8.03	23.82
28113	93.72	1.65	13.78	3.55	-62.03	111.71	-8.04	-28.57	71.68
28114	93.79	0.55	13.78	3.19	-63.70	118.80	-9.90	-26.68	59.49
28115	93.79	-0.55	13.78	2.60	-64.21	123.47	-11.78	-25.29	46.51
28116	93.72	-1.65	13.78	1.88	-63.58	125.72	-13.59	-24.74	33.01

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
28117	78.96	1.65	12.09	33.27	-400.13	-2228.34	20.03	533.03	-265.33
28118	78.96	0.55	12.09	25.88	-469.39	-2038.81	9.20	522.92	-189.10
28119	78.96	-0.55	12.09	26.23	-471.27	-1957.49	-5.14	521.99	-77.53
28120	78.96	-1.65	12.09	33.92	-406.41	-1985.28	-15.89	530.24	5.67
28121	79.97	1.65	12.09	7.11	-376.70	-2036.02	38.46	508.23	-250.70
28122	79.97	0.55	12.09	1.90	-440.32	-1856.29	18.71	488.89	-181.93
28123	79.97	-0.55	12.09	1.80	-442.34	-1774.81	-5.85	485.70	-81.05
28124	79.97	-1.65	12.09	6.35	-383.41	-1792.45	-25.29	498.59	-5.20
28125	80.98	1.65	12.09	-3.32	-348.33	-1876.40	53.87	486.24	-225.96
28126	80.98	0.55	12.09	-6.62	-404.71	-1710.62	27.38	458.85	-169.79
28127	80.98	-0.55	12.09	-7.57	-407.11	-1629.02	-4.74	452.81	-85.57
28128	80.98	-1.65	12.09	-6.59	-356.16	-1632.64	-30.65	467.88	-21.90
28129	81.99	1.65	12.09	-1.07	-314.98	-1733.42	65.50	478.84	-192.72
28130	82.01	0.55	12.09	-1.87	-363.12	-1585.03	35.09	445.11	-152.87
28131	82.01	-0.55	12.09	-3.88	-366.25	-1504.26	-1.32	435.09	-89.47
28132	81.99	-1.65	12.09	-7.35	-324.86	-1492.48	-31.01	448.50	-41.41
28133	83.00	1.65	12.09	-4.17	-279.89	-1591.04	71.78	483.90	-154.07
28134	83.02	0.55	12.09	-2.32	-319.79	-1462.29	41.14	445.74	-131.80
28135	83.02	-0.55	12.09	-4.53	-323.79	-1384.44	4.59	430.89	-90.47
28136	83.00	-1.65	12.09	-10.92	-292.32	-1359.10	-25.63	439.21	-59.23
28137	84.01	1.65	12.09	-11.81	-243.18	-1433.53	73.68	497.09	-112.61
28138	84.04	0.55	12.09	-6.17	-275.54	-1324.94	45.38	457.11	-107.14
28139	84.04	-0.55	12.09	-7.48	-280.41	-1252.85	11.65	437.47	-86.75
28140	84.01	-1.65	12.09	-15.71	-258.26	-1218.77	-16.82	438.31	-71.89
28141	85.02	1.65	12.09	-35.46	-208.99	-1253.37	68.47	505.56	-72.19
28142	85.05	0.55	12.09	-26.78	-234.58	-1164.82	45.88	466.20	-80.62
28143	85.05	-0.55	12.09	-25.92	-240.05	-1101.25	18.30	442.90	-77.87
28144	85.02	-1.65	12.09	-32.89	-225.86	-1063.84	-5.44	436.03	-77.03
28145	86.04	1.65	12.09	-66.45	-177.99	-1052.54	60.74	495.77	-35.39
28146	86.07	0.55	12.09	-55.71	-197.91	-983.20	44.12	459.28	-53.88
28147	86.07	-0.55	12.09	-52.32	-203.74	-930.12	23.36	434.29	-64.20
28148	86.04	-1.65	12.09	-56.36	-195.70	-894.24	4.81	421.33	-74.08
28149	87.05	1.65	12.09	-101.54	-152.38	-847.25	49.07	457.96	-4.69
28150	87.09	0.55	12.09	-89.05	-167.61	-794.49	38.81	426.41	-29.00
28151	87.09	-0.55	12.09	-82.72	-173.22	-752.35	25.11	402.22	-47.42
28152	87.05	-1.65	12.09	-82.72	-169.23	-721.49	12.23	385.96	-64.33
28153	88.06	1.65	12.09	-119.12	-130.68	-654.60	37.88	395.58	18.64
28154	88.10	0.55	12.09	-107.33	-142.41	-614.81	32.29	369.98	-7.58
28155	88.10	-0.55	12.09	-99.70	-147.53	-582.62	23.92	348.65	-29.71
28156	88.06	-1.65	12.09	-96.52	-145.96	-558.40	15.53	332.16	-50.13
28157	89.07	1.65	12.09	-124.06	-113.65	-486.15	27.73	320.09	35.73
28158	89.12	0.55	12.09	-113.28	-122.54	-455.86	25.08	299.99	10.07
28159	89.12	-0.55	12.09	-105.14	-126.86	-431.70	20.25	282.52	-12.87
28160	89.07	-1.65	12.09	-99.96	-126.48	-413.78	14.99	268.05	-34.37
28161	90.08	1.65	12.09	-110.58	-99.23	-344.13	19.36	240.25	47.80
28162	90.14	0.55	12.09	-101.46	-105.90	-320.73	18.06	225.35	24.03
28163	90.14	-0.55	12.09	-94.08	-109.35	-302.54	15.11	212.15	1.91
28164	90.08	-1.65	12.09	-88.71	-109.44	-289.50	11.66	200.87	-19.18
28165	91.09	1.65	12.09	-85.22	-86.86	-224.98	12.47	166.71	56.21
28166	91.15	0.55	12.09	-78.15	-91.74	-206.25	11.54	156.37	34.81
28167	91.15	-0.55	12.09	-72.30	-94.29	-192.08	9.45	147.11	14.24
28168	91.09	-1.65	12.09	-67.89	-94.41	-182.36	6.93	139.01	-5.72
28169	92.10	1.65	12.09	-55.41	-75.90	-118.93	6.32	102.81	61.68
28170	92.17	0.55	12.09	-50.53	-79.23	-103.16	5.36	96.38	42.88
28171	92.17	-0.55	12.09	-46.56	-80.88	-91.61	3.66	90.49	24.25
28172	92.10	-1.65	12.09	-43.61	-80.81	-84.11	1.68	85.13	5.86
28173	93.12	1.65	12.09	-26.47	-65.96	-16.59	0.18	46.21	64.14
28174	93.18	0.55	12.09	-23.87	-67.79	-2.43	-0.83	43.09	48.32
28175	93.18	-0.55	12.09	-21.84	-68.56	7.51	-2.27	40.05	32.10
28176	93.12	-1.65	12.09	-20.44	-68.24	13.40	-3.73	37.03	15.81
28177	94.13	1.65	12.09	-0.81	-56.72	87.16	-6.19	-9.51	62.97
28178	94.20	0.55	12.09	-0.56	-57.37	100.90	-7.32	-9.94	50.74
28179	94.20	-0.55	12.09	-0.50	-57.25	110.08	-8.42	-10.43	37.83
28180	94.13	-1.65	12.09	-0.56	-56.41	114.76	-9.44	-11.29	24.54
28181	78.97	1.65	10.41	232.72	-290.93	-2254.84	7.57	455.28	-135.56
28182	78.97	0.55	10.41	225.32	-325.99	-2134.96	4.78	454.03	-128.37
28183	78.97	-0.55	10.41	222.49	-331.81	-2063.63	0.80	452.72	-108.07
28184	78.97	-1.65	10.41	224.09	-308.52	-2041.27	-1.98	451.32	-92.76
28185	80.01	1.65	10.41	178.61	-278.20	-2066.00	21.49	468.30	-131.18
28186	80.01	0.55	10.41	172.22	-311.35	-1949.70	13.49	459.90	-125.03
28187	80.01	-0.55	10.41	169.24	-317.27	-1878.83	3.70	455.70	-106.44
28188	80.01	-1.65	10.41	169.55	-296.09	-1853.92	-4.30	455.64	-92.04
28189	81.04	1.65	10.41	138.02	-260.62	-1889.52	33.28	474.55	-119.38
28190	81.06	0.55	10.41	133.04	-291.14	-1779.65	21.47	460.06	-117.43
28191	81.06	-0.55	10.41	129.91	-297.26	-1710.00	7.42	452.69	-104.03
28192	81.04	-1.65	10.41	128.58	-279.10	-1681.19	-4.48	452.38	-93.62
28193	82.08	1.65	10.41	104.83	-239.83	-1720.10	42.36	478.71	-101.66
28194	82.10	0.55	10.41	101.56	-267.23	-1618.99	28.40	459.19	-105.93
28195	82.10	-0.55	10.41	98.59	-273.61	-1551.68	11.94	448.42	-99.96
28196	82.08	-1.65	10.41	95.93	-259.02	-1518.92	-2.35	446.37	-95.58
28197	83.12	1.65	10.41	75.65	-216.85	-1550.81	48.38	482.23	-79.43
28198	83.14	0.55	10.41	74.58	-240.96	-1460.32	33.90	459.00	-91.00
28199	83.14	-0.55	10.41	72.27	-247.58	-1396.82	16.83	444.86	-93.50
28200	83.12	-1.65	10.41	68.75	-236.68	-1361.16	1.64	439.89	-96.29
28201	84.16	1.65	10.41	44.74	-193.55	-1376.59	50.52	481.95	-54.71
28202	84.18	0.55	10.41	45.96	-214.46	-1298.06	37.31	456.62	-73.49
28203	84.18	-0.55	10.41	44.91	-221.19	-1239.89	21.47	439.61	-84.23
28204	84.16	-1.65	10.41	41.65	-213.65	-1203.11	7.04	431.12	-94.31
28205	85.20	1.65	10.41	12.81	-171.24	-1196.30	49.34	472.70	-29.72
28206	85.23	0.55	10.41	16.26	-189.00	-1129.91	38.55	447.09	-54.44
28207	85.23	-0.55	10.41	16.92	-195.62	-1078.42	25.12	428.16	-72.21
28208	85.20	-1.65	10.41	14.78	-190.97	-1042.88	12.55	416.30	-88.67
28209	86.23	1.65	10.41	-19.43	-151.45	-1013.85	44.95	450.10	-6.60
28210	86.27	0.55	10.41	-14.11	-166.03	-958.74	37.28	425.76	-35.18
28211	86.27	-0.55	10.41	-11.52	-172.24	-914.67	27.03	406.23	-58.10
28212	86.23	-1.65	10.41	-11.77	-169.90	-882.51	17.11	392.04	-79.30
28213	87.27	1.65	10.41	-46.14	-134.27	-835.22	38.94	412.75	13.38
28214	87.31	0.55	10.41	-39.76	-145.90	-790.06	34.13	390.74	-16.93
28215	87.31	-0.55	10.41	-35.62	-151.47	-753.43	26.97	371.95	-42.91

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
28216	87.27	-1.65	10.41	-33.91	-150.77	-725.92	19.69	356.89	-67.03
28217	88.31	1.65	10.41	-65.36	-119.94	-667.31	31.88	362.32	29.66
28218	88.35	0.55	10.41	-58.41	-128.93	-630.47	29.41	343.33	-0.61
28219	88.35	-0.55	10.41	-53.13	-133.65	-600.62	24.91	326.35	-27.73
28220	88.31	-1.65	10.41	-49.79	-133.87	-578.11	19.98	311.84	-53.13
28221	89.35	1.65	10.41	-72.70	-107.76	-514.83	24.81	303.12	42.07
28222	89.40	0.55	10.41	-65.98	-114.54	-484.55	23.86	287.50	13.19
28223	89.40	-0.55	10.41	-60.38	-118.31	-460.39	21.26	273.07	-13.55
28224	89.35	-1.65	10.41	-56.18	-118.90	-442.48	18.09	260.18	-38.88
28225	90.39	1.65	10.41	-69.88	-97.46	-379.18	18.10	240.89	50.93
28226	90.44	0.55	10.41	-63.84	-102.36	-353.77	17.95	228.57	24.28
28227	90.44	-0.55	10.41	-58.55	-105.16	-334.01	16.50	216.95	-1.03
28228	90.39	-1.65	10.41	-54.23	-105.71	-319.89	14.51	206.26	-25.33
28229	91.42	1.65	10.41	-58.72	-88.44	-258.34	11.88	179.35	56.51
28230	91.48	0.55	10.41	-53.70	-91.77	-236.31	11.96	170.14	32.63
28231	91.48	-0.55	10.41	-49.23	-93.61	-219.73	11.11	161.32	9.45
28232	91.42	-1.65	10.41	-45.48	-93.88	-208.48	9.81	152.98	-13.10
28233	92.46	1.65	10.41	-42.43	-80.37	-148.99	6.07	120.31	58.94
28234	92.52	0.55	10.41	-38.69	-82.35	-129.00	6.04	113.93	38.26
28235	92.52	-0.55	10.41	-35.39	-83.30	-114.50	5.41	107.67	17.75
28236	92.46	-1.65	10.41	-32.62	-83.17	-105.32	4.49	101.57	-2.47
28237	93.50	1.65	10.41	-23.70	-73.01	-48.17	0.68	62.95	58.11
28238	93.57	0.55	10.41	-21.43	-73.81	-29.00	0.29	58.98	41.09
28239	93.57	-0.55	10.41	-19.48	-73.95	-15.63	-0.43	55.00	23.81
28240	93.50	-1.65	10.41	-17.88	-73.41	-7.86	-1.19	50.96	6.56
28241	94.54	1.65	10.41	-3.44	-65.94	44.72	-4.08	4.84	53.90
28242	94.61	0.55	10.41	-2.77	-65.98	64.11	-5.19	2.70	40.95
28243	94.61	-0.55	10.41	-2.29	-65.41	77.25	-6.25	0.69	27.57
28244	94.54	-1.65	10.41	-1.93	-64.27	84.26	-7.24	-1.39	13.97
28245	78.98	1.65	8.72	369.16	-219.58	-2160.40	5.69	347.40	-57.24
28246	78.98	0.55	8.72	363.59	-242.06	-2079.21	3.89	349.14	-88.06
28247	78.98	-0.55	8.72	359.82	-248.79	-2018.84	1.58	347.77	-109.61
28248	78.98	-1.65	8.72	357.80	-239.83	-1980.13	-0.32	343.28	-131.82
28249	80.05	1.65	8.72	301.69	-213.76	-1991.16	14.60	385.38	-57.43
28250	80.05	0.55	8.72	296.27	-235.30	-1910.98	10.75	381.99	-86.29
28251	80.05	-0.55	8.72	292.59	-242.02	-1851.36	6.00	377.78	-106.23
28252	80.05	-1.65	8.72	290.62	-233.97	-1813.18	1.85	372.77	-126.48
28253	81.11	1.65	8.72	242.93	-204.43	-1821.40	22.51	410.30	-52.31
28254	81.12	0.55	8.72	238.24	-224.58	-1744.33	17.09	402.32	-81.06
28255	81.12	-0.55	8.72	234.85	-231.28	-1686.30	10.44	395.29	-101.41
28256	81.11	-1.65	8.72	232.74	-224.56	-1648.25	4.47	389.28	-121.58
28257	82.18	1.65	8.72	191.47	-192.61	-1651.78	28.77	425.86	-42.81
28258	82.19	0.55	8.72	187.97	-211.01	-1579.54	22.52	414.08	-72.71
28259	82.19	-0.55	8.72	185.14	-217.64	-1524.04	14.78	404.35	-94.89
28260	82.18	-1.65	8.72	182.94	-212.48	-1486.27	7.67	396.80	-116.34
28261	83.24	1.65	8.72	144.85	-179.46	-1481.64	32.89	433.30	-30.11
28262	83.26	0.55	8.72	142.87	-195.83	-1415.53	26.67	418.67	-61.77
28263	83.26	-0.55	8.72	140.90	-202.29	-1363.54	18.73	406.54	-86.50
28264	83.24	-1.65	8.72	138.96	-198.77	-1326.67	11.29	397.13	-109.99
28265	84.30	1.65	8.72	102.09	-165.96	-1310.66	34.74	432.10	-15.55
28266	84.33	0.55	8.72	101.79	-180.08	-1251.45	29.25	415.74	-48.90
28267	84.33	-0.55	8.72	100.99	-186.24	-1203.87	21.93	401.75	-76.30
28268	84.30	-1.65	8.72	99.68	-184.28	-1168.85	14.86	390.46	-101.97
28269	85.37	1.65	8.72	62.64	-152.98	-1139.99	34.30	421.05	-0.46
28270	85.40	0.55	8.72	63.96	-164.80	-1087.92	30.07	404.05	-34.98
28271	85.40	-0.55	8.72	64.50	-170.49	-1045.39	24.00	388.94	-64.55
28272	85.37	-1.65	8.72	64.23	-169.82	-1013.18	17.89	376.15	-92.12
28273	86.43	1.65	8.72	27.94	-140.99	-972.15	31.99	399.23	14.00
28274	86.47	0.55	8.72	30.58	-150.64	-926.96	29.22	382.57	-20.90
28275	86.47	-0.55	8.72	32.43	-155.69	-889.74	24.68	367.20	-51.79
28276	86.43	-1.65	8.72	33.39	-155.90	-861.09	19.85	353.56	-80.65
28277	87.50	1.65	8.72	-0.79	-130.39	-810.65	28.23	366.87	26.87
28278	87.54	0.55	8.72	2.83	-138.01	-771.67	26.87	351.33	-7.49
28279	87.54	-0.55	8.72	5.81	-142.30	-739.62	23.87	336.52	-38.69
28280	87.50	-1.65	8.72	7.97	-143.00	-714.93	20.40	322.84	-68.03
28281	88.56	1.65	8.72	-21.61	-121.15	-658.73	23.66	325.60	37.55
28282	88.60	0.55	8.72	-17.46	-126.94	-625.01	23.39	311.73	4.61
28283	88.60	-0.55	8.72	-13.76	-130.38	-597.66	21.69	298.13	-25.98
28284	88.56	-1.65	8.72	-10.69	-131.24	-576.90	19.42	285.20	-54.95
28285	89.63	1.65	8.72	-34.28	-113.16	-518.61	18.70	278.02	45.74
28286	89.67	0.55	8.72	-29.99	-117.34	-489.12	19.14	266.11	14.92
28287	89.67	-0.55	8.72	-25.97	-119.90	-465.73	18.37	254.20	-14.25
28288	89.63	-1.65	8.72	-22.42	-120.66	-448.51	17.03	242.58	-42.13
28289	90.69	1.65	8.72	-38.93	-106.13	-391.02	13.73	226.80	51.32
28290	90.74	0.55	8.72	-34.87	-108.93	-364.69	14.45	216.97	23.14
28291	90.74	-0.55	8.72	-30.97	-110.63	-344.41	14.23	206.98	-3.97
28292	90.69	-1.65	8.72	-27.41	-111.09	-330.14	13.51	197.04	-30.14
28293	91.76	1.65	8.72	-37.00	-99.79	-275.54	8.97	174.13	54.25
28294	91.81	0.55	8.72	-33.44	-101.45	-251.33	9.63	166.34	29.11
28295	91.81	-0.55	8.72	-30.02	-102.35	-233.29	9.61	158.32	4.55
28296	91.76	-1.65	8.72	-26.86	-102.39	-221.32	9.20	150.18	-19.39
28297	92.82	1.65	8.72	-29.99	-93.89	-171.27	4.61	121.07	54.51
28298	92.88	0.55	8.72	-27.16	-94.62	-148.18	4.89	115.16	32.71
28299	92.88	-0.55	8.72	-24.48	-94.80	-131.56	4.75	109.01	11.13
28300	92.82	-1.65	8.72	-22.02	-94.39	-121.26	4.36	102.65	-10.12
28301	93.88	1.65	8.72	-19.04	-88.16	-77.79	0.85	67.77	52.07
28302	93.95	0.55	8.72	-17.11	-88.17	-54.95	0.46	63.44	33.91
28303	93.95	-0.55	8.72	-15.34	-87.75	-38.98	-0.15	58.96	15.66
28304	93.88	-1.65	8.72	-13.75	-86.92	-29.73	-0.80	54.30	-2.46
28305	94.95	1.65	8.72	-4.52	-82.20	4.26	-2.02	14.00	47.13
28306	95.02	0.55	8.72	-3.57	-81.86	27.57	-3.47	10.77	32.71
28307	95.02	-0.55	8.72	-2.82	-80.98	43.60	-4.87	7.70	18.11
28308	94.95	-1.65	8.72	-2.21	-79.62	52.43	-6.20	4.62	3.46
28309	79.00	1.65	7.03	444.78	-183.73	-2005.67	7.90	237.14	-12.42
28310	79.00	0.55	7.03	441.88	-196.90	-1947.85	4.20	239.51	-60.00
28311	79.00	-0.55	7.03	438.40	-202.73	-1898.02	0.27	238.28	-101.45
28312	79.00	-1.65	7.03	434.35	-201.02	-1857.04	-3.59	233.46	-141.04
28313	80.09	1.65	7.03	374.14	-181.07	-1860.44	12.63	287.35	-14.25
28314	80.09	0.55	7.03	370.93	-193.82	-1802.63	9.01	286.22	-59.02

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
28315	80.09	-0.55	7.03	367.62	-199.58	-1753.52	4.87	282.53	-97.81
28316	80.09	-1.65	7.03	364.26	-198.13	-1713.99	0.83	276.37	-134.66
28317	81.18	1.65	7.03	308.84	-176.24	-1707.52	17.03	323.91	-12.48
28318	81.19	0.55	7.03	305.84	-188.21	-1651.12	13.48	319.53	-55.38
28319	81.19	-0.55	7.03	302.92	-193.82	-1603.48	9.15	313.51	-92.59
28320	81.18	-1.65	7.03	300.13	-192.84	-1565.45	4.89	305.99	-127.75
28321	82.27	1.65	7.03	249.18	-169.86	-1550.33	20.58	348.55	-7.65
28322	82.28	0.55	7.03	246.80	-180.79	-1496.55	17.27	341.40	-49.38
28323	82.28	-0.55	7.03	244.50	-186.16	-1451.09	12.96	333.27	-85.80
28324	82.27	-1.65	7.03	242.31	-185.73	-1414.80	8.65	324.35	-120.08
28325	83.36	1.65	7.03	195.03	-162.59	-1391.12	22.91	362.39	-0.52
28326	83.38	0.55	7.03	193.56	-172.26	-1340.83	20.09	353.10	-41.43
28327	83.38	-0.55	7.03	192.09	-177.29	-1298.21	16.11	343.19	-77.55
28328	83.36	-1.65	7.03	190.60	-177.42	-1264.04	12.02	332.93	-111.44
28329	84.45	1.65	7.03	146.12	-155.03	-1231.74	23.85	365.88	8.08
28330	84.47	0.55	7.03	145.71	-163.32	-1185.49	21.75	355.16	-32.09
28331	84.47	-0.55	7.03	145.20	-167.90	-1146.23	18.39	343.94	-68.01
28332	84.45	-1.65	7.03	144.57	-168.49	-1114.64	14.79	332.54	-101.72
28333	85.54	1.65	7.03	102.72	-147.65	-1074.19	23.42	359.24	17.26
28334	85.57	0.55	7.03	103.35	-154.51	-1032.18	22.17	347.79	-21.96
28335	85.57	-0.55	7.03	103.86	-158.52	-996.59	19.63	335.80	-57.53
28336	85.54	-1.65	7.03	104.19	-159.43	-968.00	16.73	323.63	-90.99
28337	86.63	1.65	7.03	65.23	-140.80	-920.76	21.78	342.86	26.24
28338	86.66	0.55	7.03	66.80	-146.22	-882.87	21.38	331.32	-11.66
28339	86.66	-0.55	7.03	68.27	-149.58	-851.04	19.74	319.13	-46.55
28340	86.63	-1.65	7.03	69.56	-150.64	-825.69	17.63	306.67	-79.49
28341	87.72	1.65	7.03	34.42	-134.61	-773.76	19.22	317.60	34.37
28342	87.76	0.55	7.03	36.70	-138.67	-739.62	19.55	306.51	-1.79
28343	87.76	-0.55	7.03	38.97	-141.32	-711.38	18.74	294.67	-35.55
28344	87.72	-1.65	7.03	41.08	-142.35	-689.31	17.39	282.43	-67.60
28345	88.81	1.65	7.03	10.65	-129.10	-635.22	16.04	284.89	41.18
28346	88.86	0.55	7.03	13.41	-131.93	-604.27	16.89	274.64	7.16
28347	88.86	-0.55	7.03	16.21	-133.85	-579.24	16.73	263.59	-25.03
28348	88.81	-1.65	7.03	18.92	-134.68	-560.27	16.04	252.03	-55.77
28349	89.90	1.65	7.03	-5.96	-124.14	-506.51	12.58	246.44	46.32
28350	89.95	0.55	7.03	-3.00	-125.91	-478.08	13.67	237.30	14.80
28351	89.95	-0.55	7.03	0.05	-127.11	-455.74	13.93	227.36	-15.39
28352	89.90	-1.65	7.03	3.06	-127.63	-439.50	13.69	216.85	-44.43
28353	91.00	1.65	7.03	-15.92	-119.58	-388.34	9.11	204.01	49.60
28354	91.05	0.55	7.03	-13.01	-120.47	-361.73	10.15	196.11	20.85
28355	91.05	-0.55	7.03	-10.00	-121.01	-341.46	10.56	187.46	-7.00
28356	91.00	-1.65	7.03	-7.01	-121.12	-327.48	10.55	178.23	-33.98
28357	92.09	1.65	7.03	-20.01	-115.20	-280.91	5.88	159.03	50.88
28358	92.14	0.55	7.03	-17.36	-115.39	-255.40	6.60	152.40	25.11
28359	92.14	-0.55	7.03	-14.64	-115.35	-236.58	6.87	145.11	-0.11
28360	92.09	-1.65	7.03	-11.95	-115.03	-224.34	6.84	137.27	-24.71
28361	93.18	1.65	7.03	-19.10	-110.77	-184.27	3.09	112.59	50.11
28362	93.24	0.55	7.03	-16.88	-110.48	-159.20	3.23	107.14	27.47
28363	93.24	-0.55	7.03	-14.65	-109.95	-141.22	3.09	101.17	5.12
28364	93.18	-1.65	7.03	-12.48	-109.20	-130.21	2.79	94.73	-16.84
28365	94.27	1.65	7.03	-13.90	-106.09	-98.76	0.96	65.54	47.34
28366	94.33	0.55	7.03	-12.22	-105.47	-73.57	0.25	61.08	27.93
28367	94.33	-0.55	7.03	-10.62	-104.59	-55.90	-0.60	56.30	8.59
28368	94.27	-1.65	7.03	-9.11	-103.49	-45.60	-1.46	51.20	-10.52
28369	95.36	1.65	7.03	-4.59	-100.77	-25.09	-0.29	18.67	42.85
28370	95.43	0.55	7.03	-3.47	-100.12	0.57	-2.18	14.83	26.52
28371	95.43	-0.55	7.03	-2.54	-99.03	18.42	-4.02	11.03	10.25
28372	95.36	-1.65	7.03	-1.79	-97.53	28.51	-5.80	7.17	-5.91
28373	79.01	1.65	5.34	473.93	-166.82	-1829.52	10.97	135.47	10.32
28374	79.01	0.55	5.34	473.28	-173.61	-1786.81	4.76	137.59	-42.48
28375	79.01	-0.55	5.34	470.56	-177.71	-1746.14	-1.58	136.56	-90.77
28376	79.01	-1.65	5.34	465.84	-178.84	-1708.25	-7.94	132.39	-136.66
28377	80.13	1.65	5.34	404.99	-165.24	-1705.81	12.61	190.65	8.16
28378	80.13	0.55	5.34	403.82	-171.84	-1662.76	7.76	190.45	-41.87
28379	80.13	-0.55	5.34	401.28	-175.84	-1622.67	2.56	187.42	-87.49
28380	80.13	-1.65	5.34	397.43	-176.97	-1586.29	-2.71	181.64	-130.72
28381	81.24	1.65	5.34	339.53	-162.56	-1571.64	14.30	233.70	8.38
28382	81.25	0.55	5.34	338.25	-168.71	-1529.11	10.55	231.27	-39.29
28383	81.25	-0.55	5.34	336.09	-172.52	-1490.19	6.28	226.37	-82.73
28384	81.24	-1.65	5.34	333.08	-173.73	-1455.59	1.86	219.13	-123.81
28385	82.36	1.65	5.34	278.62	-159.12	-1430.98	15.65	265.05	10.68
28386	82.38	0.55	5.34	277.56	-164.62	-1389.75	12.88	260.65	-34.94
28387	82.38	-0.55	5.34	275.94	-168.15	-1352.52	9.43	254.09	-76.62
28388	82.36	-1.65	5.34	273.79	-169.45	-1319.96	5.76	245.55	-115.97
28389	83.48	1.65	5.34	222.80	-155.27	-1287.01	16.39	285.26	14.64
28390	83.50	0.55	5.34	222.22	-159.96	-1247.66	14.54	279.27	-29.13
28391	83.50	-0.55	5.34	221.28	-163.13	-1212.56	11.89	271.33	-69.31
28392	83.48	-1.65	5.34	220.00	-164.50	-1182.30	8.93	261.70	-107.23
28393	84.60	1.65	5.34	172.47	-151.34	-1142.36	16.38	294.90	19.70
28394	84.62	0.55	5.34	172.51	-155.12	-1105.26	15.38	287.73	-22.27
28395	84.62	-0.55	5.34	172.34	-157.84	-1072.61	13.53	278.79	-61.05
28396	84.60	-1.65	5.34	171.95	-159.22	-1044.90	11.29	268.33	-97.69
28397	85.71	1.65	5.34	127.96	-147.55	-999.40	15.58	294.55	25.33
28398	85.74	0.55	5.34	128.66	-150.40	-964.71	15.37	286.67	-14.78
28399	85.74	-0.55	5.34	129.28	-152.59	-934.67	14.28	277.11	-52.14
28400	85.71	-1.65	5.34	129.76	-153.90	-909.67	12.74	266.15	-87.52
28401	86.83	1.65	5.34	89.65	-144.07	-860.30	14.08	285.00	31.00
28402	86.86	0.55	5.34	90.96	-146.00	-827.96	14.53	276.81	-7.12
28403	86.86	-0.55	5.34	92.30	-147.62	-800.53	14.13	267.03	-42.93
28404	86.83	-1.65	5.34	93.59	-148.75	-778.27	13.24	255.94	-76.96
28405	87.95	1.65	5.34	57.78	-140.95	-726.96	12.04	267.22	36.25
28406	87.98	0.55	5.34	59.61	-142.01	-696.76	12.97	259.09	0.29
28407	87.98	-0.55	5.34	61.54	-143.05	-671.76	13.13	249.45	-33.78
28408	87.95	-1.65	5.34	63.48	-143.91	-652.14	12.79	238.58	-66.31
28409	89.07	1.65	5.34	32.48	-138.15	-600.96	9.67	242.45	40.72
28410	89.11	0.55	5.34	34.66	-138.44	-572.51	10.87	234.65	7.08
28411	89.11	-0.55	5.34	37.00	-138.91	-549.65	11.40	225.46	-25.06
28412	89.07	-1.65	5.34	39.40	-139.41	-532.45	11.46	215.13	-55.90
28413	90.18	1.65	5.34	13.56	-135.54	-483.40	7.22	212.03	44.13



Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
28414	90.23	0.55	5.34	15.92	-135.21	-456.26	8.43	204.76	12.95
28415	90.23	-0.55	5.34	18.46	-135.13	-435.13	9.12	196.25	-17.08
28416	90.18	-1.65	5.34	21.08	-135.24	-420.01	9.39	186.70	-46.05
28417	91.30	1.65	5.34	0.62	-132.95	-375.03	4.91	177.30	46.27
28418	91.35	0.55	5.34	2.97	-132.15	-348.69	5.89	170.68	17.66
28419	91.35	-0.55	5.34	5.49	-131.61	-328.84	6.49	163.00	-10.10
28420	91.30	-1.65	5.34	8.10	-131.30	-315.38	6.76	154.40	-37.04
28421	92.42	1.65	5.34	-6.95	-130.18	-276.25	2.96	139.51	47.00
28422	92.47	0.55	5.34	-4.76	-129.07	-250.25	3.47	133.60	21.03
28423	92.47	-0.55	5.34	-2.45	-128.17	-231.18	3.73	126.82	-4.35
28424	92.42	-1.65	5.34	-0.08	-127.45	-218.97	3.76	119.25	-29.11
28425	93.54	1.65	5.34	-9.76	-127.00	-187.36	1.56	99.79	46.24
28426	93.59	0.55	5.34	-7.85	-125.75	-161.27	1.36	94.58	22.92
28427	93.59	-0.55	5.34	-5.90	-124.59	-142.58	1.02	88.70	0.01
28428	93.54	-1.65	5.34	-3.94	-123.51	-131.18	0.57	82.21	-22.45
28429	94.65	1.65	5.34	-8.32	-123.15	-108.57	0.86	59.24	43.98
28430	94.71	0.55	5.34	-6.77	-121.91	-82.10	-0.28	54.65	23.30
28431	94.71	-0.55	5.34	-5.26	-120.60	-63.42	-1.48	49.62	2.86
28432	94.65	-1.65	5.34	-3.83	-119.27	-52.44	-2.66	44.17	-17.22
28433	95.77	1.65	5.34	-3.30	-118.51	-40.82	0.84	19.71	40.52
28434	95.84	0.55	5.34	-2.09	-117.49	-33.92	-1.46	15.54	22.23
28435	95.84	-0.55	5.34	-1.06	-116.16	4.98	-3.69	11.25	4.18
28436	95.77	-1.65	5.34	-0.20	-114.55	15.89	-5.86	6.81	-13.64
28437	64.01	1.65	17.16	33.35	-188.02	38.06	-2.79	62.65	24.04
28438	63.93	0.55	17.16	32.62	-190.93	37.71	13.30	60.00	27.64
28439	63.93	-0.55	17.16	29.46	-192.96	37.88	29.34	57.30	31.00
28440	64.01	-1.65	17.16	23.92	-193.98	38.52	45.61	54.68	33.95
28441	64.94	1.65	17.16	75.19	-216.49	-26.39	7.43	53.83	12.68
28442	64.86	0.55	17.16	73.18	-218.14	-25.20	29.06	52.49	16.79
28443	64.86	-0.55	17.16	67.42	-218.12	-24.40	50.27	50.99	20.52
28444	64.94	-1.65	17.16	58.11	-216.40	-23.94	70.95	49.31	24.11
28445	65.87	1.65	17.16	81.02	-248.04	-52.07	17.90	15.20	12.23
28446	65.80	0.55	17.16	78.51	-248.41	-49.89	43.23	15.25	13.69
28447	65.80	-0.55	17.16	71.06	-246.35	-48.81	67.58	14.84	14.96
28448	65.87	-1.65	17.16	58.95	-241.91	-48.79	91.01	13.98	16.12
28449	66.80	1.65	17.16	26.58	-290.07	-76.71	31.50	-49.15	15.47
28450	66.74	0.55	17.16	24.43	-288.11	-73.53	57.60	-46.98	12.93
28451	66.74	-0.55	17.16	16.42	-283.73	-72.14	82.14	-46.05	10.46
28452	66.80	-1.65	17.16	2.91	-277.02	-72.41	105.56	-46.33	7.87
28453	67.73	1.65	17.16	-129.86	-348.66	-126.24	51.69	-157.27	20.76
28454	67.68	0.55	17.16	-130.12	-342.58	-121.34	73.55	-151.44	12.79
28455	67.68	-0.55	17.16	-136.88	-335.45	-119.20	93.35	-148.47	5.36
28456	67.73	-1.65	17.16	-149.74	-327.34	-119.66	112.05	-148.32	-2.30
28457	68.67	1.65	17.16	-466.27	-434.84	-246.24	82.94	-363.03	29.05
28458	68.61	0.55	17.16	-461.36	-422.21	-237.49	92.09	-350.23	12.70
28459	68.61	-0.55	17.16	-463.59	-411.78	-233.48	99.11	-343.55	-2.26
28460	68.67	-1.65	17.16	-472.59	-403.51	-233.90	105.28	-342.85	-17.71
28461	69.60	1.65	17.16	-1137.56	-578.06	-567.25	131.41	-811.81	45.72
28462	69.55	0.55	17.16	-1120.41	-556.36	-549.85	113.82	-785.20	13.15
28463	69.55	-0.55	17.16	-1111.77	-541.88	-540.69	95.27	-770.61	-16.58
28464	69.60	-1.65	17.16	-1111.35	-534.29	-539.25	76.13	-767.62	-47.13
28465	70.53	1.65	17.16	-2456.78	-856.49	-1448.76	206.36	-1920.98	90.85
28466	70.49	0.55	17.16	-2413.36	-823.14	-1407.10	139.27	-1866.10	18.24
28467	70.49	-0.55	17.16	-2381.45	-803.06	-1383.92	74.51	-1832.23	-48.26
28468	70.53	-1.65	17.16	-2360.70	-795.51	-1377.99	9.43	-1818.42	-116.13
28469	71.46	1.65	17.16	-5241.79	-2025.00	-7321.34	308.04	-5573.79	276.24
28470	71.42	0.55	17.16	-5148.37	-1975.84	-7211.77	167.42	-5465.43	63.19
28471	71.42	-0.55	17.16	-5065.93	-1936.37	-7092.82	33.49	-5368.91	-138.50
28472	71.46	-1.65	17.16	-4993.85	-1906.11	-6962.81	-99.43	-5282.77	-337.57
28473	72.39	1.65	17.16	-1241.10	-2018.91	-11946.80	-45.99	-340.12	-22.92
28474	72.36	0.55	17.16	-1199.94	-2006.28	-11880.90	3.34	-279.51	-54.23
28475	72.36	-0.55	17.16	-1179.42	-1970.47	-11684.90	44.06	-262.51	-82.24
28476	72.39	-1.65	17.16	-1177.64	-1913.41	-11361.20	87.42	-287.02	-110.10
28477	73.32	1.65	17.16	-2012.95	-1393.32	-6973.58	196.16	3181.36	-323.19
28478	73.30	0.55	17.16	-2149.88	-1318.35	-6928.10	114.72	3457.27	-128.29
28479	73.30	-0.55	17.16	-2126.59	-1288.10	-6812.47	-6.16	3416.49	-3.31
28480	73.32	-1.65	17.16	-1944.14	-1297.60	-6623.10	-98.95	3077.38	172.80
28481	74.26	1.65	17.16	-950.92	-446.01	-1819.80	153.24	1021.95	-437.82
28482	74.23	0.55	17.16	-984.71	-188.15	-1517.18	80.63	1199.68	-97.00
28483	74.23	-0.55	17.16	-974.50	-166.82	-1485.07	-14.30	1192.94	39.29
28484	74.26	-1.65	17.16	-916.21	-362.31	-1698.43	-97.30	1012.62	336.79
28485	75.19	1.65	17.16	-451.09	-304.21	-1064.74	159.10	374.68	-607.14
28486	75.17	0.55	17.16	-400.56	73.33	-647.60	63.24	425.15	-129.43
28487	75.17	-0.55	17.16	-394.76	99.11	-625.47	-23.11	427.55	85.19
28488	75.19	-1.65	17.16	-425.89	-201.34	-965.61	-124.70	384.40	503.57
28489	76.12	1.65	17.16	-234.80	-263.59	-823.73	170.19	201.54	-675.94
28490	76.11	0.55	17.16	-128.84	153.19	-378.22	56.85	173.18	-156.29
28491	76.11	-0.55	17.16	-123.38	183.39	-357.59	-32.16	176.28	110.51
28492	76.12	-1.65	17.16	-208.93	-146.96	-728.05	-147.99	210.43	565.71
28493	77.05	1.65	17.16	-134.89	-242.55	-721.78	168.24	158.35	-675.39
28494	77.04	0.55	17.16	-6.49	169.38	-290.81	51.42	98.48	-164.88
28495	77.04	-0.55	17.16	-0.19	202.23	-270.07	-37.62	100.41	115.78
28496	77.05	-1.65	17.16	-106.47	-118.66	-626.37	-155.40	163.71	561.04
28497	77.98	1.65	17.16	-77.02	-225.55	-656.74	156.13	153.18	-644.29
28498	77.98	0.55	17.16	57.43	164.04	-252.64	43.68	81.66	-161.39
28499	77.98	-0.55	17.16	64.33	197.94	-231.77	-39.29	82.31	110.45
28500	77.98	-1.65	17.16	-46.83	-98.91	-561.20	-152.06	155.06	528.09
28501	63.60	1.65	15.47	-19.83	-29.36	66.88	8.29	17.98	46.74
28502	63.52	0.55	15.47	-19.99	-32.19	68.13	11.74	16.23	51.24
28503	63.52	-0.55	15.47	-21.30	-33.61	69.35	15.40	13.16	55.13
28504	63.60	-1.65	15.47	-23.69	-33.59	70.49	18.94	9.05	58.37
28505	64.55	1.65	15.47	-113.13	-73.60	-86.22	11.59	-57.24	43.79
28506	64.48	0.55	15.47	-110.93	-77.18	-81.59	14.07	-56.33	42.04
28507	64.48	-0.55	15.47	-110.81	-78.55	-78.72	17.03	-57.09	39.82
28508	64.55	-1.65	15.47	-112.72	-77.68	-77.55	19.60	-59.47	37.31
28509	65.51	1.65	15.47	-247.71	-115.13	-185.48	21.24	-166.03	45.57
28510	65.45	0.55	15.47	-242.94	-119.06	-177.94	19.49	-161.78	36.14
28511	65.45	-0.55	15.47	-240.98	-120.02	-173.94	18.39	-159.88	26.75
28512	65.51	-1.65	15.47	-241.75	-118.04	-173.42	16.77	-160.30	17.19

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
28513	66.47	1.65	15.47	-430.22	-159.65	-293.72	33.41	-337.90	52.55
28514	66.41	0.55	15.47	-421.93	-163.77	-282.99	24.90	-329.05	32.76
28515	66.41	-0.55	15.47	-417.18	-164.19	-277.58	17.54	-323.59	13.70
28516	66.47	-1.65	15.47	-415.90	-160.95	-277.41	9.40	-321.49	-5.46
28517	67.43	1.65	15.47	-673.00	-214.81	-474.81	46.25	-608.51	64.13
28518	67.37	0.55	15.47	-659.75	-219.51	-459.31	28.86	-592.85	30.10
28519	67.37	-0.55	15.47	-650.85	-219.25	-451.25	13.48	-582.18	-1.98
28520	67.43	-1.65	15.47	-646.23	-214.16	-450.50	-3.08	-576.46	-34.28
28521	68.39	1.65	15.47	-976.06	-293.18	-832.00	57.19	-1033.45	80.34
28522	68.34	0.55	15.47	-956.25	-299.27	-807.80	29.94	-1007.42	26.55
28523	68.34	-0.55	15.47	-941.64	-298.05	-794.15	5.90	-988.72	-23.30
28524	68.39	-1.65	15.47	-932.15	-289.82	-790.84	-19.89	-977.30	-73.77
28525	69.35	1.65	15.47	-1276.58	-416.87	-1578.13	59.50	-1679.39	100.99
28526	69.30	0.55	15.47	-1249.46	-425.55	-1537.17	25.67	-1638.48	20.19
28527	69.30	-0.55	15.47	-1228.43	-422.72	-1511.42	-3.66	-1607.52	-53.74
28528	69.35	-1.65	15.47	-1213.39	-408.98	-1500.44	-35.51	-1586.36	-128.99
28529	70.30	1.65	15.47	-1303.52	-637.26	-3268.55	33.65	-2511.71	120.05
28530	70.26	0.55	15.47	-1271.74	-650.57	-3200.67	10.67	-2454.36	7.39
28531	70.26	-0.55	15.47	-1248.06	-644.36	-3146.75	-7.58	-2406.91	-95.12
28532	70.30	-1.65	15.47	-1232.33	-619.74	-3106.15	-29.20	-2369.15	-199.56
28533	71.26	1.65	15.47	234.29	-684.17	-5149.27	-80.30	-2023.24	49.04
28534	71.23	0.55	15.47	262.51	-709.47	-5061.88	-31.33	-1956.48	-39.69
28535	71.23	-0.55	15.47	262.75	-701.75	-4975.31	20.17	-1912.99	-116.77
28536	71.26	-1.65	15.47	235.91	-663.20	-4888.93	65.52	-1892.01	-198.38
28537	72.22	1.65	15.47	417.44	-876.10	-6211.17	-130.53	-781.63	-96.23
28538	72.19	0.55	15.47	481.83	-895.38	-6072.92	-33.13	-655.23	-101.65
28539	72.19	-0.55	15.47	479.00	-880.53	-5965.84	61.86	-628.57	-102.44
28540	72.22	-1.65	15.47	412.19	-834.83	-5885.95	151.05	-696.86	-107.54
28541	73.18	1.65	15.47	82.93	-1031.13	-5914.34	-249.29	768.14	-362.73
28542	73.15	0.55	15.47	163.90	-1019.75	-5628.28	-67.24	960.85	-182.65
28543	73.15	-0.55	15.47	167.24	-997.03	-5521.72	98.34	965.36	-29.57
28544	73.18	-1.65	15.47	96.40	-967.97	-5580.17	265.90	790.44	134.89
28545	74.14	1.65	15.47	-767.02	-1120.11	-4359.64	-186.00	1441.12	-678.84
28546	74.12	0.55	15.47	-771.16	-1078.54	-3868.17	-49.20	1642.30	-273.96
28547	74.12	-0.55	15.47	-756.32	-1047.88	-3781.21	83.42	1637.18	67.77
28548	74.14	-1.65	15.47	-722.98	-1036.20	-4070.90	208.33	1434.18	437.90
28549	75.10	1.65	15.47	-764.44	-1018.34	-2896.44	-86.07	1024.11	-882.84
28550	75.08	0.55	15.47	-779.30	-973.36	-2233.10	-24.29	1126.42	-336.72
28551	75.08	-0.55	15.47	-765.54	-938.83	-2163.35	47.14	1126.62	140.99
28552	75.10	-1.65	15.47	-723.11	-926.17	-2650.53	103.06	1027.84	640.53
28553	76.05	1.65	15.47	-605.30	-952.79	-2262.68	11.05	714.15	-978.49
28554	76.04	0.55	15.47	-589.34	-924.92	-1542.52	4.88	722.98	-373.71
28555	76.04	-0.55	15.47	-577.55	-888.00	-1477.20	8.40	725.21	179.29
28556	76.05	-1.65	15.47	-568.00	-856.04	-2028.41	0.97	720.80	733.40
28557	77.01	1.65	15.47	-461.67	-890.54	-1931.30	79.09	550.01	-990.13
28558	77.01	0.55	15.47	-411.54	-881.33	-1221.32	27.55	502.94	-383.58
28559	77.01	-0.55	15.47	-400.53	-843.56	-1157.00	-20.62	504.81	187.32
28560	77.01	-1.65	15.47	-425.21	-792.95	-1700.53	-71.44	554.80	742.96
28561	77.97	1.65	15.47	-360.31	-826.87	-1719.72	115.91	467.46	-953.03
28562	77.97	0.55	15.47	-288.92	-830.67	-1047.92	40.71	393.53	-374.73
28563	77.97	-0.55	15.47	-277.98	-792.78	-983.79	-38.61	394.28	177.14
28564	77.97	-1.65	15.47	-323.34	-729.94	-1489.99	-113.33	469.37	705.12
28565	63.18	1.65	13.78	-42.40	64.62	-62.26	18.46	-80.77	51.61
28566	63.11	0.55	13.78	-42.98	62.49	-54.38	13.15	-80.00	52.07
28567	63.11	-0.55	13.78	-43.50	61.96	-49.46	7.98	-81.21	51.89
28568	63.18	-1.65	13.78	-43.84	63.01	-47.51	2.59	-84.08	50.97
28569	64.17	1.65	13.78	-141.45	23.81	-211.56	19.18	-213.15	64.54
28570	64.10	0.55	13.78	-139.99	20.21	-200.78	9.93	-209.47	51.39
28571	64.10	-0.55	13.78	-138.20	18.85	-194.41	1.17	-207.88	37.91
28572	64.17	-1.65	13.78	-136.09	19.75	-192.34	-7.71	-208.28	24.04
28573	65.15	1.65	13.78	-256.17	-16.01	-365.86	23.46	-354.02	73.78
28574	65.09	0.55	13.78	-252.57	-20.86	-351.67	8.62	-346.75	48.35
28575	65.09	-0.55	13.78	-248.25	-22.85	-343.56	-5.35	-342.02	23.24
28576	65.15	-1.65	13.78	-243.28	-21.94	-341.41	-19.33	-339.76	-2.03
28577	66.14	1.65	13.78	-378.83	-56.56	-560.48	28.97	-539.56	83.12
28578	66.08	0.55	13.78	-372.85	-62.72	-542.31	7.61	-528.13	44.40
28579	66.08	-0.55	13.78	-365.72	-65.23	-531.73	-12.35	-519.39	6.84
28580	66.14	-1.65	13.78	-357.58	-64.03	-528.63	-32.30	-513.37	-30.69
28581	67.12	1.65	13.78	-490.20	-101.74	-850.23	32.37	-789.98	93.81
28582	67.07	0.55	13.78	-481.50	-109.91	-826.88	5.09	-773.61	39.35
28583	67.07	-0.55	13.78	-471.43	-112.88	-812.21	-19.96	-759.63	-12.68
28584	67.12	-1.65	13.78	-460.24	-110.62	-806.13	-45.18	-748.18	-64.60
28585	68.11	1.65	13.78	-544.73	-156.93	-1309.72	28.94	-1100.91	104.36
28586	68.06	0.55	13.78	-532.99	-168.58	-1278.98	-0.66	-1078.63	31.77
28587	68.06	-0.55	13.78	-520.52	-171.90	-1257.27	-26.94	-1058.02	-36.47
28588	68.11	-1.65	13.78	-507.63	-166.94	-1244.51	-53.92	-1039.38	-104.75
28589	69.09	1.65	13.78	-453.33	-226.91	-2024.86	11.77	-1404.52	108.74
28590	69.05	0.55	13.78	-438.16	-244.47	-1984.07	-11.39	-1375.42	18.85
28591	69.05	-0.55	13.78	-425.36	-247.83	-1950.60	-29.96	-1347.60	-63.91
28592	69.09	-1.65	13.78	-415.23	-237.30	-1924.55	-50.39	-1321.55	-147.44
28593	70.08	1.65	13.78	-87.86	-287.47	-2886.09	-26.59	-1454.06	89.59
28594	70.04	0.55	13.78	-67.11	-314.26	-2833.14	-28.03	-1415.90	-4.91
28595	70.04	-0.55	13.78	-58.59	-317.48	-2784.50	-23.42	-1384.19	-88.69
28596	70.08	-1.65	13.78	-62.31	-297.85	-2740.51	-23.03	-1359.39	-175.28
28597	71.06	1.65	13.78	123.23	-390.72	-3735.01	-67.78	-1257.39	40.82
28598	71.03	0.55	13.78	157.00	-428.14	-3658.37	-42.37	-1198.56	-39.57
28599	71.03	-0.55	13.78	163.08	-429.71	-3593.12	-8.86	-1166.37	-104.20
28600	71.06	-1.65	13.78	142.00	-396.85	-3539.45	16.96	-1160.69	-176.15
28601	72.05	1.65	13.78	453.22	-469.22	-4334.85	-127.11	-769.16	-53.48
28602	72.02	0.55	13.78	486.05	-524.16	-4209.97	-62.33	-684.46	-89.47
28603	72.02	-0.55	13.78	486.77	-523.68	-4130.02	13.54	-656.48	-100.64
28604	72.05	-1.65	13.78	455.85	-470.52	-4094.21	76.37	-684.34	-129.53
28605	73.03	1.65	13.78	487.85	-551.50	-4505.14	-146.13	-115.76	-182.88
28606	73.01	0.55	13.78	503.27	-635.64	-4305.82	-65.52	-14.14	-151.18
28607	73.01	-0.55	13.78	501.97	-631.93	-4216.14	32.44	5.78	-75.49
28608	73.03	-1.65	13.78	483.73	-545.45	-4233.76	110.17	-54.69	-39.36
28609	74.02	1.65	13.78	308.28	-606.08	-4197.44	-149.41	462.13	-319.61
28610	74.00	0.55	13.78	310.98	-723.08	-3911.77	-61.41	560.57	-211.87
28611	74.00	-0.55	13.78	311.00	-716.30	-3819.15	40.70	571.76	-35.74

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
28612	74.02	-1.65	13.78	307.77	-593.29	-3915.45	125.19	497.18	73.29
28613	75.00	1.65	13.78	-14.23	-643.30	-3593.91	-110.35	752.20	-441.18
28614	74.99	0.55	13.78	-32.26	-782.94	-3234.89	-43.21	829.45	-261.33
28615	74.99	-0.55	13.78	-28.55	-773.72	-3144.45	31.70	834.85	2.95
28616	75.00	-1.65	13.78	-4.48	-624.63	-3316.83	96.15	769.72	180.94
28617	75.99	1.65	13.78	-156.52	-634.32	-2993.79	-56.41	742.68	-518.11
28618	75.98	0.55	13.78	-177.11	-785.23	-2588.80	-21.80	780.46	-291.09
28619	75.98	-0.55	13.78	-171.88	-774.90	-2501.58	15.24	783.81	27.63
28620	75.99	-1.65	13.78	-142.13	-612.94	-2725.25	48.69	753.09	250.94
28621	76.97	1.65	13.78	-196.56	-611.37	-2573.57	-6.18	668.21	-549.43
28622	76.97	0.55	13.78	-206.83	-766.74	-2158.13	-2.33	670.29	-303.40
28623	76.97	-0.55	13.78	-200.95	-756.02	-2072.45	-1.14	672.27	37.01
28624	76.97	-1.65	13.78	-179.71	-589.22	-2309.59	2.67	673.94	278.98
28625	77.96	1.65	13.78	-197.42	-579.75	-2273.72	30.97	596.56	-546.09
28626	77.96	0.55	13.78	-195.53	-733.19	-1870.55	12.50	575.27	-302.21
28627	77.96	-0.55	13.78	-189.34	-722.41	-1785.47	-13.67	576.02	34.52
28628	77.96	-1.65	13.78	-179.20	-557.76	-2011.79	-32.01	598.63	274.65
28629	62.77	1.65	12.09	-49.96	98.69	-277.84	24.19	-148.77	54.94
28630	62.70	0.55	12.09	-50.68	97.04	-261.24	13.17	-146.21	47.50
28631	62.70	-0.55	12.09	-50.52	97.15	-251.56	2.24	-145.46	39.21
28632	62.77	-1.65	12.09	-49.40	98.98	-248.77	-8.94	-146.23	30.59
28633	63.78	1.65	12.09	-114.70	65.69	-357.81	27.33	-279.29	74.89
28634	63.72	0.55	12.09	-114.35	63.04	-339.10	10.11	-274.26	51.60
28635	63.72	-0.55	12.09	-112.16	62.21	-328.65	-6.90	-270.85	27.69
28636	63.78	-1.65	12.09	-108.20	63.22	-326.32	-23.73	-269.02	3.80
28637	64.80	1.65	12.09	-160.48	33.17	-506.85	29.51	-406.64	88.82
28638	64.73	0.55	12.09	-158.64	29.61	-485.83	6.77	-398.46	51.73
28639	64.73	-0.55	12.09	-154.42	27.85	-473.80	-15.37	-392.13	14.59
28640	64.80	-1.65	12.09	-147.96	27.94	-470.66	-37.18	-387.65	-22.23
28641	65.81	1.65	12.09	-190.84	0.04	-726.27	30.46	-552.92	99.19
28642	65.75	0.55	12.09	-187.34	-4.77	-702.68	3.01	-541.58	48.92
28643	65.75	-0.55	12.09	-181.17	-7.46	-688.12	-23.47	-531.84	-0.67
28644	65.81	-1.65	12.09	-172.56	-7.93	-682.52	-49.43	-523.81	-49.64
28645	66.82	1.65	12.09	-189.77	-34.51	-1030.76	28.39	-721.22	107.15
28646	66.76	0.55	12.09	-184.45	-41.13	-1004.15	-1.94	-706.87	43.48
28647	66.76	-0.55	12.09	-176.68	-44.74	-985.66	-30.77	-693.19	-18.57
28648	66.82	-1.65	12.09	-166.77	-45.22	-975.26	-59.05	-680.40	-79.68
28649	67.83	1.65	12.09	-134.14	-71.91	-1437.25	20.91	-889.86	111.72
28650	67.78	0.55	12.09	-126.66	-81.34	-1406.99	-8.78	-872.49	34.87
28651	67.78	-0.55	12.09	-118.09	-85.85	-1382.61	-36.29	-854.55	-39.05
28652	67.83	-1.65	12.09	-108.79	-85.29	-1364.24	-63.46	-836.46	-111.83
28653	68.84	1.65	12.09	-4.48	-111.47	-1932.00	5.99	-1003.74	109.04
28654	68.80	0.55	12.09	6.02	-125.13	-1897.02	-17.75	-982.42	21.74
28655	68.80	-0.55	12.09	14.09	-130.46	-1864.68	-38.44	-960.67	-60.80
28656	68.84	-1.65	12.09	19.42	-127.34	-1835.36	-59.47	-939.06	-142.37
28657	69.85	1.65	12.09	153.90	-160.63	-2481.97	-15.15	-1027.06	95.19
28658	69.81	0.55	12.09	168.33	-180.06	-2439.05	-27.81	-999.12	3.09
28659	69.81	-0.55	12.09	175.09	-185.87	-2396.80	-36.35	-974.53	-81.65
28660	69.85	-1.65	12.09	174.00	-178.08	-2355.90	-46.44	-953.93	-166.39
28661	70.86	1.65	12.09	373.30	-208.72	-3005.87	-43.26	-903.38	64.14
28662	70.83	0.55	12.09	388.66	-236.18	-2949.45	-38.81	-867.10	-22.44
28663	70.83	-0.55	12.09	392.45	-242.19	-2896.29	-29.07	-841.77	-98.05
28664	70.86	-1.65	12.09	384.59	-227.00	-2847.36	-22.72	-827.93	-176.04
28665	71.88	1.65	12.09	510.89	-266.36	-3406.05	-66.00	-637.13	15.98
28666	71.85	0.55	12.09	524.74	-303.42	-3330.07	-45.75	-592.96	-53.64
28667	71.85	-0.55	12.09	525.96	-309.07	-3266.45	-18.94	-569.36	-107.38
28668	71.88	-1.65	12.09	514.55	-283.75	-3216.39	2.42	-566.68	-167.72
28669	72.89	1.65	12.09	577.88	-319.45	-3597.96	-84.02	-292.16	-44.68
28670	72.86	0.55	12.09	587.18	-366.59	-3498.14	-49.37	-242.63	-87.58
28671	72.86	-0.55	12.09	586.20	-371.62	-3426.03	-8.17	-222.72	-108.80
28672	72.89	-1.65	12.09	574.94	-334.98	-3383.14	26.62	-232.54	-142.29
28673	73.90	1.65	12.09	530.70	-368.42	-3570.53	-85.99	53.31	-111.44
28674	73.88	0.55	12.09	530.75	-425.19	-3443.39	-46.20	103.89	-121.11
28675	73.88	-0.55	12.09	528.81	-429.32	-3365.53	-0.01	119.00	-103.43
28676	73.90	-1.65	12.09	524.75	-381.21	-3338.57	39.33	98.77	-104.13
28677	74.91	1.65	12.09	416.17	-402.97	-3362.85	-76.16	325.58	-174.19
28678	74.89	0.55	12.09	409.19	-468.12	-3206.87	-38.44	369.56	-150.28
28679	74.89	-0.55	12.09	407.39	-471.34	-3126.11	4.23	379.84	-93.97
28680	74.91	-1.65	12.09	410.52	-413.13	-3121.91	41.22	356.67	-61.83
28681	75.92	1.65	12.09	266.33	-423.86	-3057.39	-54.14	487.97	-224.47
28682	75.91	0.55	12.09	253.80	-494.86	-2878.33	-26.63	519.47	-172.41
28683	75.91	-0.55	12.09	252.99	-497.33	-2796.72	3.61	525.75	-84.39
28684	75.92	-1.65	12.09	263.50	-431.89	-2813.63	30.51	507.04	-24.82
28685	76.93	1.65	12.09	153.03	-426.64	-2738.61	-27.38	545.67	-255.67
28686	76.93	0.55	12.09	139.91	-500.05	-2546.45	-13.67	561.28	-185.68
28687	76.93	-0.55	12.09	139.89	-502.12	-2464.97	0.47	564.70	-78.20
28688	76.93	-1.65	12.09	152.53	-433.48	-2495.03	13.85	556.02	-1.11
28689	77.94	1.65	12.09	79.05	-417.53	-2460.65	-1.85	550.52	-268.09
28690	77.94	0.55	12.09	68.60	-490.23	-2266.12	-1.51	551.73	-190.76
28691	77.94	-0.55	12.09	68.98	-492.12	-2184.81	-2.88	552.88	-76.18
28692	77.94	-1.65	12.09	79.78	-423.84	-2217.59	-2.64	553.99	8.13
28693	62.36	1.65	10.41	-52.07	100.71	-454.71	30.30	-173.87	65.45
28694	62.29	0.55	10.41	-53.13	98.46	-429.24	13.92	-170.17	44.65
28695	62.29	-0.55	10.41	-52.54	99.11	-415.20	-2.39	-167.78	22.73
28696	62.36	-1.65	10.41	-50.23	102.58	-412.52	-18.97	-166.49	1.14
28697	63.40	1.65	10.41	-54.06	75.69	-455.88	36.45	-245.86	83.68
28698	63.33	0.55	10.41	-54.38	73.44	-428.57	12.61	-239.61	49.75
28699	63.33	-0.55	10.41	-52.17	73.32	-414.32	-11.36	-235.04	14.93
28700	63.40	-1.65	10.41	-47.46	75.31	-413.00	-34.93	-232.13	-19.39
28701	64.44	1.65	10.41	-35.85	48.34	-573.91	39.67	-328.98	96.25
28702	64.38	0.55	10.41	-34.53	46.30	-545.98	9.93	-319.83	50.87
28703	64.38	-0.55	10.41	-30.84	45.30	-530.76	-19.55	-312.88	5.15
28704	64.44	-1.65	10.41	-24.88	45.37	-528.11	-48.54	-308.18	-39.91
28705	65.48	1.65	10.41	11.82	21.90	-782.89	38.80	-427.67	104.50
28706	65.42	0.55	10.41	15.21	19.33	-754.84	5.78	-416.13	48.69
28707	65.42	-0.55	10.41	20.20	17.39	-737.72	-26.69	-406.59	-6.82
28708	65.48	-1.65	10.41	26.60	16.15	-731.47	-58.49	-399.17	-61.43
28709	66.51	1.65	10.41	76.50	-5.97	-1065.98	34.58	-542.12	109.91
28710	66.46	0.55	10.41	81.73	-9.71	-1037.59	0.44	-528.83	43.82

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
28711	66.46	-0.55	10.41	87.63	-12.65	-1017.49	-32.78	-516.54	-21.24
28712	66.51	-1.65	10.41	93.91	-14.63	-1005.67	-65.23	-505.51	-85.08
28713	67.55	1.65	10.41	160.49	-34.97	-1405.02	26.96	-650.43	111.99
28714	67.50	0.55	10.41	167.50	-40.59	-1375.61	-5.89	-635.49	36.19
28715	67.50	-0.55	10.41	173.71	-44.53	-1351.24	-37.40	-620.48	-37.71
28716	67.55	-1.65	10.41	178.83	-46.61	-1332.07	-68.17	-605.77	-110.06
28717	68.59	1.65	10.41	263.64	-65.85	-1783.94	15.80	-726.28	109.24
28718	68.55	0.55	10.41	272.44	-74.10	-1752.38	-12.97	-709.17	25.43
28719	68.55	-0.55	10.41	278.30	-79.00	-1722.43	-39.93	-691.70	-55.39
28720	68.59	-1.65	10.41	280.96	-80.33	-1694.43	-66.37	-674.36	-134.42
28721	69.63	1.65	10.41	389.25	-97.52	-2174.36	1.05	-738.68	99.39
28722	69.59	0.55	10.41	399.35	-109.27	-2138.95	-20.45	-718.67	11.07
28723	69.59	-0.55	10.41	404.04	-115.03	-2102.28	-39.67	-699.46	-72.89
28724	69.63	-1.65	10.41	403.09	-114.57	-2064.95	-58.81	-681.63	-155.06
28725	70.67	1.65	10.41	505.40	-132.50	-2537.74	-14.95	-672.74	80.95
28726	70.63	0.55	10.41	516.26	-148.41	-2496.03	-27.11	-649.00	-6.85
28727	70.63	-0.55	10.41	519.33	-154.81	-2451.96	-36.62	-629.14	-88.63
28728	70.67	-1.65	10.41	514.50	-151.49	-2406.38	-46.61	-613.71	-169.08
28729	71.70	1.65	10.41	604.34	-167.96	-2829.00	-30.92	-529.55	53.28
28730	71.67	0.55	10.41	614.38	-188.33	-2777.75	-32.32	-501.76	-27.76
28731	71.67	-0.55	10.41	615.46	-195.12	-2726.27	-31.08	-482.55	-101.17
28732	71.70	-1.65	10.41	607.55	-188.18	-2675.62	-30.79	-472.35	-173.95
28733	72.74	1.65	10.41	650.21	-204.89	-3012.67	-42.31	-328.40	17.57
28734	72.72	0.55	10.41	657.60	-229.36	-2948.21	-34.52	-297.59	-50.34
28735	72.72	-0.55	10.41	656.90	-236.23	-2890.06	-24.24	-280.35	-109.58
28736	72.74	-1.65	10.41	648.14	-225.41	-2839.26	-15.29	-276.90	-168.80
28737	73.78	1.65	10.41	641.67	-238.59	-3069.27	-47.59	-107.21	-21.96
28738	73.76	0.55	10.41	645.33	-266.80	-2989.56	-33.58	-76.19	-72.70
28739	73.76	-0.55	10.41	643.30	-273.53	-2926.08	-17.29	-61.85	-113.80
28740	73.78	-1.65	10.41	635.61	-258.78	-2879.70	-2.62	-64.29	-155.77
28741	74.82	1.65	10.41	580.74	-266.65	-3009.22	-44.95	96.58	-60.19
28742	74.80	0.55	10.41	579.74	-298.36	-2914.90	-29.17	124.84	-92.92
28743	74.80	-0.55	10.41	577.00	-304.83	-2847.62	-11.42	135.79	-114.66
28744	74.82	-1.65	10.41	572.48	-286.11	-2808.12	4.65	129.44	-138.72
28745	75.86	1.65	10.41	491.39	-285.87	-2862.39	-36.19	256.43	-92.73
28746	75.84	0.55	10.41	486.78	-320.31	-2755.65	-22.23	279.01	-109.27
28747	75.84	-0.55	10.41	483.80	-326.50	-2686.02	-6.97	286.54	-113.46
28748	75.86	-1.65	10.41	482.40	-304.55	-2654.13	7.04	279.08	-121.53
28749	76.89	1.65	10.41	392.19	-296.23	-2667.48	-22.95	364.27	-116.87
28750	76.89	0.55	10.41	385.21	-332.18	-2552.02	-13.63	379.35	-120.77
28751	76.89	-0.55	10.41	382.32	-338.14	-2481.17	-3.90	383.70	-111.49
28752	76.89	-1.65	10.41	383.39	-314.25	-2455.44	5.38	377.38	-107.14
28753	77.93	1.65	10.41	303.78	-297.43	-2457.72	-7.68	425.28	-131.12
28754	77.93	0.55	10.41	296.00	-333.51	-2337.88	-4.39	432.04	-127.07
28755	77.93	-0.55	10.41	293.20	-339.33	-2266.56	-1.55	433.51	-109.63
28756	77.93	-1.65	10.41	295.23	-315.06	-2244.16	1.71	429.69	-97.46
28757	61.95	1.65	8.72	8.69	102.43	-497.13	38.98	-140.22	89.24
28758	61.88	0.55	8.72	7.30	98.85	-461.64	16.06	-135.67	47.24
28759	61.88	-0.55	8.72	8.36	100.06	-444.02	-6.76	-131.95	3.79
28760	61.95	-1.65	8.72	11.93	105.98	-444.27	-29.92	-128.91	-38.55
28761	63.02	1.65	8.72	31.61	77.04	-438.83	52.04	-115.77	97.40
28762	62.95	0.55	8.72	31.33	75.19	-402.27	18.34	-106.84	49.74
28763	62.95	-0.55	8.72	33.53	75.86	-384.92	-15.79	-101.36	1.04
28764	63.02	-1.65	8.72	38.19	79.01	-386.69	-49.39	-99.32	-46.65
28765	64.08	1.65	8.72	169.88	60.11	-555.90	53.14	-122.21	99.32
28766	64.02	0.55	8.72	173.30	59.94	-521.78	15.84	-110.34	48.17
28767	64.02	-0.55	8.72	176.81	59.96	-504.20	-21.37	-103.02	-3.33
28768	64.08	-1.65	8.72	180.32	60.12	-503.04	-58.15	-100.33	-53.98
28769	65.14	1.65	8.72	283.66	33.73	-788.39	49.59	-208.33	102.31
28770	65.09	0.55	8.72	289.57	33.78	-757.28	11.46	-195.70	45.32
28771	65.09	-0.55	8.72	294.00	32.96	-738.72	-26.28	-186.63	-11.46
28772	65.14	-1.65	8.72	296.78	31.30	-732.61	-63.50	-181.26	-67.30
28773	66.21	1.65	8.72	371.30	4.61	-1062.39	43.97	-323.01	105.28
28774	66.16	0.55	8.72	378.70	4.10	-1033.11	6.23	-310.15	41.01
28775	66.16	-0.55	8.72	383.62	2.38	-1012.60	-30.82	-299.31	-22.50
28776	66.21	-1.65	8.72	385.85	-0.49	-1000.81	-67.28	-290.71	-84.83
28777	67.27	1.65	8.72	445.74	-24.51	-1356.40	36.81	-431.56	106.60
28778	67.23	0.55	8.72	454.17	-26.21	-1327.80	0.60	-418.34	34.84
28779	67.23	-0.55	8.72	459.15	-28.87	-1304.34	-34.64	-405.77	-35.57
28780	67.27	-1.65	8.72	460.44	-32.36	-1286.12	-69.26	-394.15	-104.45
28781	68.34	1.65	8.72	517.85	-52.35	-1658.02	27.99	-509.67	104.71
28782	68.30	0.55	8.72	527.05	-55.83	-1628.97	-5.21	-495.69	26.47
28783	68.30	-0.55	8.72	531.61	-59.42	-1601.65	-37.17	-481.60	-49.77
28784	68.34	-1.65	8.72	531.28	-62.92	-1576.29	-68.53	-467.79	-124.10
28785	69.40	1.65	8.72	587.85	-79.12	-1952.98	17.72	-541.66	98.42
28786	69.36	0.55	8.72	597.58	-84.87	-1922.23	-10.85	-526.40	15.73
28787	69.36	-0.55	8.72	601.29	-89.33	-1890.27	-37.94	-511.21	-64.18
28788	69.40	-1.65	8.72	598.76	-92.25	-1857.49	-64.55	-496.54	-141.87
28789	70.47	1.65	8.72	653.48	-104.63	-2221.64	6.50	-518.78	86.89
28790	70.43	0.55	8.72	663.19	-113.05	-2187.63	-15.92	-501.78	2.71
28791	70.43	-0.55	8.72	665.65	-118.28	-2150.50	-36.69	-486.14	-77.81
28792	70.47	-1.65	8.72	660.72	-120.06	-2110.86	-57.18	-472.30	-155.97
28793	71.53	1.65	8.72	701.29	-129.56	-2442.19	-4.18	-442.08	70.08
28794	71.50	0.55	8.72	710.20	-140.93	-2403.12	-19.77	-423.26	-12.19
28795	71.50	-0.55	8.72	711.24	-146.78	-2360.68	-33.56	-407.95	-89.74
28796	71.53	-1.65	8.72	704.33	-146.86	-2315.65	-47.37	-396.57	-165.07
28797	72.60	1.65	8.72	724.05	-153.01	-2594.96	-13.04	-322.90	48.92
28798	72.57	0.55	8.72	731.19	-167.57	-2549.16	-21.91	-302.74	-28.19
28799	72.57	-0.55	8.72	730.78	-173.86	-2501.66	-28.95	-288.59	-99.25
28800	72.60	-1.65	8.72	722.79	-171.74	-2453.40	-36.32	-280.80	-168.70
28801	73.66	1.65	8.72	713.53	-174.73	-2669.38	-18.54	-179.13	25.07
28802	73.64	0.55	8.72	718.02	-192.27	-2615.59	-21.85	-158.64	-44.18
28803	73.64	-0.55	8.72	716.36	-198.85	-2563.67	-23.54	-146.38	-106.09
28804	73.66	-1.65	8.72	708.53	-194.38	-2514.62	-25.70	-142.59	-167.16
28805	74.72	1.65	8.72	671.95	-193.40	-2665.46	-20.03	-31.78	0.85
28806	74.71	0.55	8.72	673.53	-213.27	-2603.23	-19.60	-12.58	-58.88
28807	74.71	-0.55	8.72	670.91	-219.99	-2547.78	-17.90	-2.75	-110.36
28808	74.72	-1.65	8.72	664.09	-213.53	-2500.10	-16.67	-2.41	-161.64
28809	75.79	1.65	8.72	605.78	-207.89	-2594.60	-17.38	101.50	-21.17

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
28810	75.78	0.55	8.72	604.50	-229.43	-2524.69	-15.37	117.81	-71.24
28811	75.78	-0.55	8.72	601.27	-236.20	-2466.69	-12.50	124.93	-112.45
28812	75.79	-1.65	8.72	596.05	-228.20	-2421.56	-10.00	122.78	-153.94
28813	76.85	1.65	8.72	526.91	-217.12	-2474.69	-11.46	209.92	-38.92
28814	76.85	0.55	8.72	523.39	-239.65	-2398.72	-9.69	222.01	-80.48
28815	76.85	-0.55	8.72	519.81	-246.41	-2339.12	-7.50	226.30	-112.79
28816	76.85	-1.65	8.72	516.11	-237.45	-2296.78	-5.46	222.76	-145.74
28817	77.92	1.65	8.72	445.38	-220.94	-2324.83	-3.37	290.92	-51.12
28818	77.92	0.55	8.72	440.40	-243.78	-2245.03	-3.09	297.98	-86.14
28819	77.92	-0.55	8.72	436.67	-250.52	-2184.67	-2.86	299.43	-111.78
28820	77.92	-1.65	8.72	434.10	-241.23	-2144.59	-2.51	295.27	-138.20
28821	61.54	1.65	7.03	-78.81	101.18	-255.43	67.37	-23.69	136.35
28822	61.47	0.55	7.03	-81.05	97.21	-205.62	25.43	-16.26	59.20
28823	61.47	-0.55	7.03	-80.05	99.11	-184.72	-16.76	-11.18	-19.65
28824	61.54	-1.65	7.03	-75.72	106.85	-192.90	-59.16	-8.42	-96.77
28825	62.63	1.65	7.03	462.38	142.67	-228.29	68.34	304.58	104.45
28826	62.57	0.55	7.03	469.31	143.80	-183.75	25.31	320.02	48.09
28827	62.57	-0.55	7.03	472.71	145.66	-164.10	-18.16	327.00	-8.69
28828	62.63	-1.65	7.03	472.49	148.23	-169.30	-61.17	325.42	-64.59
28829	63.72	1.65	7.03	674.74	104.17	-555.03	60.66	203.19	94.46
28830	63.66	0.55	7.03	684.45	106.90	-519.11	20.44	217.19	42.56
28831	63.66	-0.55	7.03	688.66	108.12	-500.46	-19.25	224.81	-9.06
28832	63.72	-1.65	7.03	687.27	107.77	-498.96	-59.04	225.97	-60.13
28833	64.81	1.65	7.03	751.57	59.67	-842.30	54.10	28.31	93.51
28834	64.76	0.55	7.03	761.80	62.65	-810.85	15.63	40.57	39.09
28835	64.76	-0.55	7.03	766.37	63.10	-791.91	-22.13	49.02	-14.82
28836	64.81	-1.65	7.03	765.15	60.96	-785.38	-59.88	53.55	-67.99
28837	65.90	1.65	7.03	774.86	16.83	-1102.71	48.67	-140.11	95.37
28838	65.85	0.55	7.03	785.10	19.60	-1073.81	11.01	-128.83	35.53
28839	65.85	-0.55	7.03	789.74	19.22	-1053.67	-25.81	-119.38	-23.54
28840	65.90	-1.65	7.03	788.60	15.71	-1042.23	-62.50	-111.94	-81.58
28841	67.00	1.65	7.03	781.28	-21.16	-1348.38	43.39	-277.43	96.75
28842	66.95	0.55	7.03	791.55	-19.13	-1320.90	6.50	-266.51	30.82
28843	66.95	-0.55	7.03	795.97	-20.34	-1298.78	-29.40	-256.02	-33.98
28844	67.00	-1.65	7.03	794.35	-24.70	-1282.04	-65.10	-246.22	-97.42
28845	68.09	1.65	7.03	785.81	-53.50	-1583.60	37.46	-374.15	95.97
28846	68.04	0.55	7.03	796.12	-52.77	-1556.59	2.08	-363.13	24.54
28847	68.04	-0.55	7.03	800.05	-54.78	-1531.81	-32.20	-351.72	-45.35
28848	68.09	-1.65	7.03	797.40	-59.42	-1509.38	-66.20	-340.23	-113.51
28849	69.18	1.65	7.03	793.05	-80.51	-1804.83	30.52	-425.64	92.15
28850	69.14	0.55	7.03	803.27	-81.49	-1777.34	-2.17	-414.13	16.57
28851	69.14	-0.55	7.03	806.43	-84.29	-1749.33	-33.68	-402.06	-56.98
28852	69.18	-1.65	7.03	802.35	-88.70	-1721.06	-64.86	-389.77	-128.45
28853	70.27	1.65	7.03	800.11	-103.21	-2003.24	22.83	-430.99	84.91
28854	70.24	0.55	7.03	809.96	-106.18	-1974.24	-6.00	-418.74	7.03
28855	70.24	-0.55	7.03	812.14	-109.69	-1942.62	-33.58	-406.41	-68.25
28856	70.27	-1.65	7.03	806.51	-113.52	-1908.77	-60.83	-394.36	-141.18
28857	71.36	1.65	7.03	802.11	-122.47	-2167.34	14.99	-393.41	74.35
28858	71.33	0.55	7.03	811.10	-127.53	-2135.73	-9.07	-380.36	-3.74
28859	71.33	-0.55	7.03	812.15	-131.69	-2100.31	-31.88	-368.27	-78.57
28860	71.36	-1.65	7.03	805.18	-134.69	-2061.65	-54.42	-357.52	-150.90
28861	72.45	1.65	7.03	792.09	-139.13	-2286.36	7.95	-320.48	60.97
28862	72.43	0.55	7.03	799.70	-146.24	-2251.08	-11.03	-306.82	-15.17
28863	72.43	-0.55	7.03	799.60	-150.94	-2211.96	-28.80	-295.54	-87.45
28864	72.45	-1.65	7.03	791.75	-152.98	-2169.67	-46.37	-286.96	-157.14
28865	73.54	1.65	7.03	766.01	-153.40	-2352.96	2.51	-223.56	45.79
28866	73.52	0.55	7.03	771.77	-162.39	-2313.19	-11.62	-209.82	-26.61
28867	73.52	-0.55	7.03	770.60	-167.53	-2270.67	-24.65	-199.87	-94.52
28868	73.54	-1.65	7.03	762.48	-168.55	-2226.19	-37.59	-193.99	-159.89
28869	74.63	1.65	7.03	722.22	-165.26	-2365.46	-0.67	-115.47	30.09
28870	74.62	0.55	7.03	725.81	-175.91	-2320.80	-10.72	-102.42	-37.31
28871	74.62	-0.55	7.03	723.73	-181.37	-2275.42	-19.85	-94.26	-99.61
28872	74.63	-1.65	7.03	716.00	-181.37	-2230.15	-28.97	-91.20	-159.55
28873	75.72	1.65	7.03	663.18	-174.42	-2327.81	-1.39	-8.25	15.29
28874	75.71	0.55	7.03	664.58	-186.36	-2278.38	-8.40	3.18	-46.51
28875	75.71	-0.55	7.03	661.82	-192.03	-2230.79	-14.75	9.21	-102.72
28876	75.72	-1.65	7.03	654.91	-191.19	-2185.90	-21.11	9.72	-156.78
28877	76.81	1.65	7.03	593.50	-180.62	-2248.41	0.19	89.07	2.69
28878	76.81	0.55	7.03	592.96	-193.42	-2194.94	-4.90	98.02	-53.62
28879	76.81	-0.55	7.03	589.75	-199.21	-2145.86	-9.61	101.72	-103.98
28880	76.81	-1.65	7.03	583.86	-197.78	-2102.05	-14.32	100.09	-152.36
28881	77.90	1.65	7.03	519.05	-183.69	-2137.68	3.51	171.35	-6.73
28882	77.90	0.55	7.03	517.04	-196.89	-2081.32	-0.57	177.18	-58.19
28883	77.90	-0.55	7.03	513.59	-202.73	-2031.50	-4.58	178.43	-103.53
28884	77.90	-1.65	7.03	508.70	-201.02	-1989.07	-8.55	175.07	-146.98
28885	61.13	1.65	5.34	2035.52	498.20	847.43	78.19	1232.62	164.43
28886	61.06	0.55	5.34	2054.63	508.94	918.02	32.13	1256.62	67.49
28887	61.06	-0.55	5.34	2062.13	513.30	943.84	-12.70	1266.79	-31.27
28888	61.13	-1.65	5.34	2057.57	511.41	924.19	-59.28	1262.65	-127.82
28889	62.25	1.65	5.34	1872.74	298.68	-342.12	49.29	704.83	95.61
28890	62.19	0.55	5.34	1889.94	308.37	-304.95	19.70	716.07	39.78
28891	62.19	-0.55	5.34	1896.04	311.39	-285.69	-6.24	723.36	-13.27
28892	62.25	-1.65	5.34	1890.76	307.87	-284.37	-35.74	726.48	-68.46
28893	63.36	1.65	5.34	1621.96	187.50	-742.54	44.57	325.49	84.50
28894	63.31	0.55	5.34	1634.50	195.39	-710.00	16.19	333.17	34.09
28895	63.31	-0.55	5.34	1639.79	197.69	-691.61	-8.97	340.11	-14.02
28896	63.36	-1.65	5.34	1637.69	194.43	-687.29	-36.94	346.20	-63.45
28897	64.48	1.65	5.34	1413.47	102.77	-995.97	44.37	61.39	84.37
28898	64.43	0.55	5.34	1424.67	109.18	-965.47	14.24	69.16	31.83
28899	64.43	-0.55	5.34	1429.52	110.77	-946.96	-13.69	76.46	-19.37
28900	64.48	-1.65	5.34	1427.89	107.50	-940.33	-43.21	83.20	-70.58
28901	65.60	1.65	5.34	1252.85	35.64	-1196.19	44.55	-128.18	85.62
28902	65.55	0.55	5.34	1263.78	41.41	-1167.80	12.26	-120.23	29.18
28903	65.55	-0.55	5.34	1268.27	42.28	-1148.51	-18.60	-112.29	-26.35
28904	65.60	-1.65	5.34	1266.19	38.22	-1138.24	-50.14	-104.51	-81.03
28905	66.72	1.65	5.34	1132.56	-17.39	-1376.01	43.93	-263.69	86.10
28906	66.67	0.55	5.34	1143.31	-12.12	-1349.43	9.89	-255.75	25.40
28907	66.67	-0.55	5.34	1147.39	-11.95	-1328.81	-22.95	-247.14	-34.33
28908	66.72	-1.65	5.34	1144.65	-16.85	-1314.13	-56.11	-238.03	-92.77

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
28909	67.83	1.65	5.34	1043.72	-58.27	-1544.80	42.02	-354.12	85.07
28910	67.79	0.55	5.34	1054.34	-53.91	-1519.38	7.25	-346.13	20.42
28911	67.79	-0.55	5.34	1057.87	-54.41	-1496.95	-26.38	-336.93	-43.01
28912	67.83	-1.65	5.34	1054.16	-59.69	-1477.58	-60.14	-326.72	-104.82
28913	68.95	1.65	5.34	977.82	-89.00	-1702.22	38.60	-403.59	82.10
28914	68.92	0.55	5.34	988.25	-86.01	-1677.18	4.47	-395.39	14.25
28915	68.92	-0.55	5.34	991.10	-87.15	-1652.54	-28.55	-385.78	-52.02
28916	68.95	-1.65	5.34	986.21	-92.30	-1628.45	-61.55	-375.01	-116.40
28917	70.07	1.65	5.34	927.07	-111.74	-1843.10	33.81	-415.05	77.01
28918	70.04	0.55	5.34	937.09	-110.38	-1817.66	1.74	-406.51	7.05
28919	70.04	-0.55	5.34	939.12	-112.14	-1790.50	-29.27	-396.77	-60.95
28920	70.07	-1.65	5.34	933.03	-116.82	-1761.91	-60.14	-386.12	-126.80
28921	71.19	1.65	5.34	883.82	-128.54	-1960.29	28.17	-392.37	69.88
28922	71.16	0.55	5.34	893.08	-128.88	-1933.65	-0.67	-383.44	-0.94
28923	71.16	-0.55	5.34	894.21	-131.20	-1903.83	-28.54	-373.93	-69.37
28924	71.19	-1.65	5.34	887.13	-135.28	-1871.21	-56.17	-364.13	-135.43
28925	72.30	1.65	5.34	841.59	-141.03	-2046.69	22.41	-341.25	61.04
28926	72.28	0.55	5.34	849.71	-143.00	-2018.13	-2.49	-332.05	-9.34
28927	72.28	-0.55	5.34	849.92	-145.83	-1985.64	-26.50	-323.16	-76.87
28928	72.30	-1.65	5.34	842.18	-149.27	-1949.73	-50.24	-314.85	-141.90
28929	73.42	1.65	5.34	795.26	-150.42	-2097.02	17.24	-269.14	51.04
28930	73.40	0.55	5.34	801.89	-153.86	-2065.95	-3.46	-259.96	-17.69
28931	73.40	-0.55	5.34	801.23	-157.12	-2030.98	-23.39	-252.07	-83.13
28932	73.42	-1.65	5.34	793.26	-159.94	-1992.69	-43.07	-245.74	-146.00
28933	74.54	1.65	5.34	742.05	-157.42	-2108.95	13.22	-184.54	40.64
28934	74.52	0.55	5.34	747.00	-162.09	-2075.03	-3.47	-175.80	-25.50
28935	74.52	-0.55	5.34	745.57	-165.70	-2037.88	-19.52	-169.28	-87.92
28936	74.54	-1.65	5.34	737.78	-167.97	-1998.20	-35.36	-165.19	-147.77
28937	75.66	1.65	5.34	681.40	-162.42	-2083.49	10.66	-95.75	30.65
28938	75.65	0.55	5.34	684.61	-168.06	-2046.67	-2.50	-87.97	-32.26
28939	75.65	-0.55	5.34	682.57	-171.93	-2007.80	-15.17	-83.11	-91.10
28940	75.66	-1.65	5.34	675.32	-173.74	-1967.62	-27.70	-81.31	-147.41
28941	76.77	1.65	5.34	614.77	-165.57	-2024.52	9.59	-9.81	21.87
28942	76.77	0.55	5.34	616.37	-171.91	-1985.08	-0.65	-3.52	-37.54
28943	76.77	-0.55	5.34	613.91	-175.94	-1945.02	-10.60	-0.53	-92.63
28944	76.77	-1.65	5.34	607.42	-177.39	-1905.10	-20.46	-0.91	-145.23
28945	77.89	1.65	5.34	544.67	-167.00	-1937.74	9.82	68.25	14.95
28946	77.89	0.55	5.34	544.95	-173.71	-1896.27	1.86	72.60	-41.01
28947	77.89	-0.55	5.34	542.25	-177.82	-1855.61	-6.01	73.60	-92.50
28948	77.89	-1.65	5.34	536.64	-179.05	-1816.50	-13.85	71.22	-141.55
28949	78.91	2.50	17.16	-279.74	-775.85	-1478.46	280.08	315.07	-1366.54
28950	79.84	2.50	17.16	-219.57	-708.15	-1346.60	249.71	321.27	-1244.56
28951	80.76	2.50	17.16	-158.18	-630.92	-1215.45	216.47	323.91	-1109.58
28952	81.69	2.50	17.16	-101.75	-539.30	-1098.95	176.20	314.12	-948.05
28953	82.61	2.50	17.16	-63.54	-431.95	-1036.22	125.97	240.95	-697.14
28954	83.54	2.50	17.16	-104.65	-474.82	-2134.93	44.62	-231.58	-362.66
28955	84.46	2.50	17.16	-338.53	-510.88	-2751.07	53.22	887.56	-22.08
28956	85.39	2.50	17.16	-1318.40	-538.26	-1510.41	-192.93	1375.12	71.21
28957	86.31	2.50	17.16	-580.02	-312.83	-368.53	-158.32	536.36	25.08
28958	87.24	2.50	17.16	-206.25	-251.38	-160.36	-125.91	237.31	18.96
28959	88.16	2.50	17.16	-15.33	-218.49	-78.08	-98.61	101.25	17.69
28960	89.09	2.50	17.16	72.98	-198.84	-43.73	-76.10	31.73	17.11
28961	90.01	2.50	17.16	101.80	-185.78	-27.00	-57.29	-7.66	17.16
28962	90.94	2.50	17.16	94.85	-175.66	-15.45	-40.62	-31.03	18.91
28963	91.86	2.50	17.16	66.41	-165.24	-0.54	-24.05	-42.50	24.98
28964	92.79	2.50	17.16	26.32	-149.65	29.66	-4.96	-39.49	43.20
28965	78.91	3.10	17.16	-807.98	-1536.14	-3994.92	452.26	622.11	-2597.83
28966	79.83	3.10	17.16	-711.73	-1403.37	-3643.46	416.61	622.28	-2368.30
28967	80.74	3.10	17.16	-617.60	-1252.66	-3288.58	382.20	615.86	-2124.96
28968	81.66	3.10	17.16	-532.25	-1069.01	-2930.93	335.78	602.09	-1852.43
28969	82.58	3.10	17.16	-443.58	-847.08	-2560.37	269.85	573.26	-1494.45
28970	83.50	3.10	17.16	-354.31	-615.92	-2698.73	158.90	362.97	-704.45
28971	84.42	3.10	17.16	-411.92	-495.60	-2794.74	56.06	916.15	0.71
28972	85.33	3.10	17.16	-1393.25	-566.68	-1592.58	-229.89	1449.17	107.35
28973	86.25	3.10	17.16	-611.67	-331.94	-390.60	-175.36	569.01	39.48
28974	87.17	3.10	17.16	-218.02	-263.69	-169.66	-131.27	252.90	26.37
28975	88.09	3.10	17.16	-18.27	-225.35	-82.52	-97.95	108.42	21.91
28976	89.00	3.10	17.16	74.07	-201.78	-46.22	-72.80	34.92	19.39
28977	89.92	3.10	17.16	104.47	-186.07	-28.63	-53.00	-6.59	18.38
28978	90.84	3.10	17.16	97.82	-174.04	-16.59	-36.23	-31.30	19.68
28979	91.76	3.10	17.16	68.83	-162.09	-1.24	-20.06	-43.92	26.07
28980	92.67	3.10	17.16	27.31	-145.33	29.26	-1.44	-42.96	45.80
28981	78.93	2.50	15.47	-394.73	-587.93	-2483.97	163.02	533.71	-1200.36
28982	79.88	2.50	15.47	-346.98	-550.91	-2266.37	171.12	505.09	-1098.46
28983	80.83	2.50	15.47	-318.06	-519.86	-2072.19	188.33	470.61	-978.24
28984	81.78	2.50	15.47	-311.26	-487.98	-1926.79	215.06	410.27	-822.83
28985	82.73	2.50	15.47	-308.93	-467.76	-1947.91	240.92	307.11	-616.10
28986	83.68	2.50	15.47	-156.87	-394.57	-1927.65	240.56	421.10	-357.86
28987	84.63	2.50	15.47	-75.94	-326.93	-1742.90	124.19	580.38	-163.86
28988	85.59	2.50	15.47	-112.93	-268.54	-1376.12	80.50	755.52	-51.93
28989	86.54	2.50	15.47	-393.59	-245.76	-876.03	15.86	739.56	9.85
28990	87.49	2.50	15.47	-352.25	-195.11	-465.05	-10.04	487.43	29.20
28991	88.44	2.50	15.47	-253.90	-165.11	-265.07	-19.11	288.61	37.71
28992	89.39	2.50	15.47	-161.43	-145.26	-159.40	-19.70	151.25	42.15
28993	90.34	2.50	15.47	-90.00	-130.16	-96.44	-15.98	59.82	46.12
28994	91.30	2.50	15.47	-39.45	-116.52	-47.76	-10.41	0.97	52.26
28995	92.25	2.50	15.47	-6.48	-102.45	6.95	-5.32	-33.97	63.01
28996	93.20	2.50	15.47	10.38	-87.92	88.61	-4.78	-51.63	79.29
28997	78.92	3.10	15.47	-389.86	-2.57	-3049.88	111.40	597.31	-849.31
28998	79.87	3.10	15.47	-337.80	-27.09	-2781.72	113.94	571.61	-786.54
28999	80.81	3.10	15.47	-300.22	-61.65	-2534.80	137.94	551.61	-708.91
29000	81.76	3.10	15.47	-287.25	-95.41	-2329.32	173.26	520.18	-597.21
29001	82.70	3.10	15.47	-279.63	-153.82	-2226.07	208.92	465.30	-430.08
29002	83.65	3.10	15.47	-201.88	-242.64	-2127.50	224.87	533.40	-267.41
29003	84.59	3.10	15.47	-160.57	-296.10	-1870.65	125.75	688.11	-143.53
29004	85.53	3.10	15.47	-145.64	-247.67	-1439.18	83.31	806.63	-28.71
29005	86.48	3.10	15.47	-424.43	-235.16	-920.67	10.71	781.27	34.14
29006	87.42	3.10	15.47	-375.13	-187.92	-489.11	-16.03	514.17	47.50
29007	88.37	3.10	15.47	-269.40	-159.96	-278.87	-23.24	304.67	50.46

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
29008	89.31	3.10	15.47	-171.46	-140.97	-168.09	-21.57	160.50	50.98
29009	90.26	3.10	15.47	-96.27	-126.13	-102.37	-15.98	64.67	52.53
29010	91.20	3.10	15.47	-43.15	-112.52	-51.97	-9.10	2.70	57.44
29011	92.15	3.10	15.47	-8.34	-98.50	4.06	-3.32	-34.86	68.04
29012	93.09	3.10	15.47	10.45	-84.87	86.72	-3.05	-55.46	84.58
29013	78.94	2.50	13.78	-185.04	-347.44	-2408.45	61.95	573.18	-524.98
29014	79.92	2.50	13.78	-176.35	-330.23	-2204.19	84.70	530.47	-487.63
29015	80.90	2.50	13.78	-163.41	-314.29	-2039.17	108.42	491.03	-433.68
29016	81.87	2.50	13.78	-140.39	-296.26	-1919.88	129.25	458.80	-359.03
29017	82.85	2.50	13.78	-85.83	-270.28	-1808.80	137.26	475.42	-271.01
29018	83.83	2.50	13.78	-66.94	-253.73	-1668.76	123.51	524.45	-192.50
29019	84.81	2.50	13.78	-85.41	-229.48	-1458.34	116.70	585.40	-115.56
29020	85.79	2.50	13.78	-142.03	-199.40	-1189.08	83.70	597.04	-46.16
29021	86.76	2.50	13.78	-170.34	-167.06	-904.38	58.03	556.14	1.77
29022	87.74	2.50	13.78	-218.00	-145.73	-643.10	33.85	469.97	32.11
29023	88.72	2.50	13.78	-207.25	-125.16	-432.82	18.46	343.93	48.44
29024	89.70	2.50	13.78	-166.20	-108.77	-286.93	9.99	227.58	58.02
29025	90.68	2.50	13.78	-115.75	-95.04	-181.01	5.74	134.68	64.86
29026	91.66	2.50	13.78	-67.33	-82.61	-92.32	3.10	65.13	71.01
29027	92.63	2.50	13.78	-26.63	-71.00	-2.20	-0.50	13.28	76.68
29028	93.61	2.50	13.78	3.62	-60.42	104.48	-6.86	-30.43	79.80
29029	78.94	3.10	13.78	-200.42	-318.23	-2669.91	63.86	599.82	-507.13
29030	79.91	3.10	13.78	-191.10	-305.64	-2452.46	85.29	563.71	-476.87
29031	80.88	3.10	13.78	-175.41	-296.12	-2267.47	110.99	537.31	-429.61
29032	81.85	3.10	13.78	-153.15	-282.52	-2108.28	134.62	519.04	-354.34
29033	82.82	3.10	13.78	-111.67	-261.56	-1958.33	141.94	531.62	-263.89
29034	83.79	3.10	13.78	-85.82	-230.18	-1783.11	124.90	578.43	-174.88
29035	84.76	3.10	13.78	-99.80	-195.22	-1542.97	118.01	633.67	-89.31
29036	85.74	3.10	13.78	-166.63	-176.52	-1248.63	84.12	639.08	-21.61
29037	86.71	3.10	13.78	-187.59	-150.17	-943.43	57.05	584.85	24.40
29038	87.68	3.10	13.78	-232.32	-134.12	-671.15	31.18	491.56	51.87
29039	88.65	3.10	13.78	-218.65	-116.74	-452.56	15.64	359.39	64.53
29040	89.62	3.10	13.78	-174.84	-102.36	-301.21	7.99	238.11	70.86
29041	90.59	3.10	13.78	-121.97	-89.94	-191.75	4.85	141.36	75.22
29042	91.56	3.10	13.78	-71.44	-78.54	-100.73	3.19	68.71	79.59
29043	92.54	3.10	13.78	-28.79	-67.89	-9.13	0.21	14.16	83.88
29044	93.51	3.10	13.78	3.55	-58.85	97.83	-6.20	-32.26	85.21
29045	78.95	2.50	12.09	39.62	-335.34	-2426.67	23.37	544.35	-285.97
29046	79.96	2.50	12.09	10.93	-316.58	-2222.71	46.52	529.92	-269.19
29047	80.96	2.50	12.09	-1.91	-294.87	-2046.39	65.61	516.67	-239.82
29048	81.97	2.50	12.09	-3.03	-269.63	-1882.82	79.70	515.31	-199.95
29049	82.97	2.50	12.09	-8.88	-242.25	-1717.45	86.79	524.14	-153.14
29050	83.98	2.50	12.09	-20.28	-210.03	-1535.30	88.36	538.12	-101.00
29051	84.98	2.50	12.09	-45.83	-180.25	-1332.59	78.80	543.11	-52.03
29052	85.99	2.50	12.09	-77.75	-155.46	-1113.47	67.64	528.87	-11.42
29053	86.99	2.50	12.09	-113.90	-135.55	-893.27	52.41	485.57	20.48
29054	88.00	2.50	12.09	-129.98	-118.03	-689.38	38.83	417.21	43.03
29055	89.00	2.50	12.09	-133.40	-104.21	-513.06	27.33	336.78	58.16
29056	90.01	2.50	12.09	-118.27	-92.19	-365.33	18.62	252.61	67.69
29057	91.01	2.50	12.09	-91.17	-81.67	-242.26	11.99	175.30	73.49
29058	92.02	2.50	12.09	-59.57	-72.22	-133.74	6.28	108.15	76.40
29059	93.02	2.50	12.09	-28.81	-63.66	-30.22	0.48	48.71	76.07
29060	94.03	2.50	12.09	-1.21	-56.05	73.44	-5.51	-9.28	71.31
29061	78.95	3.10	12.09	49.04	-264.27	-2579.66	20.42	551.81	-263.55
29062	79.95	3.10	12.09	18.15	-249.48	-2365.99	45.79	546.22	-247.27
29063	80.95	3.10	12.09	3.34	-233.54	-2176.26	66.34	539.86	-218.03
29064	81.94	3.10	12.09	-1.54	-217.28	-1998.63	81.88	543.06	-179.50
29065	82.94	3.10	12.09	-9.28	-198.54	-1816.06	91.01	556.53	-132.67
29066	83.94	3.10	12.09	-26.37	-177.53	-1613.77	93.79	571.59	-79.37
29067	84.94	3.10	12.09	-55.75	-157.38	-1392.29	82.06	572.67	-29.22
29068	85.94	3.10	12.09	-86.52	-137.01	-1158.88	68.55	553.41	11.93
29069	86.94	3.10	12.09	-123.59	-121.88	-928.28	51.63	505.92	42.54
29070	87.93	3.10	12.09	-138.14	-107.71	-716.30	37.20	432.91	63.01
29071	88.93	3.10	12.09	-140.23	-96.54	-534.40	25.40	348.89	75.72
29072	89.93	3.10	12.09	-123.84	-86.47	-382.55	16.93	261.67	82.75
29073	90.93	3.10	12.09	-95.50	-77.44	-256.59	10.85	181.68	86.20
29074	91.93	3.10	12.09	-62.66	-69.21	-146.22	5.75	112.16	86.91
29075	92.92	3.10	12.09	-30.64	-61.63	-41.89	0.52	50.61	84.40
29076	93.92	3.10	12.09	-1.64	-55.22	61.27	-5.15	-9.34	77.01
29077	78.97	2.50	10.41	241.77	-245.51	-2369.51	7.60	455.44	-119.55
29078	80.00	2.50	10.41	186.26	-235.51	-2176.58	24.57	476.23	-115.81
29079	81.03	2.50	10.41	143.75	-221.57	-1992.81	38.59	488.68	-102.79
29080	82.06	2.50	10.41	108.44	-205.08	-1813.82	48.98	497.66	-82.67
29081	83.09	2.50	10.41	76.62	-186.79	-1633.18	55.37	504.37	-57.35
29082	84.12	2.50	10.41	43.14	-168.93	-1446.93	56.58	505.28	-29.94
29083	85.16	2.50	10.41	8.90	-151.70	-1254.89	54.04	495.56	-2.96
29084	86.19	2.50	10.41	-24.78	-135.90	-1061.88	47.61	470.97	21.28
29085	87.22	2.50	10.41	-51.94	-122.12	-874.51	39.90	431.00	41.02
29086	88.25	2.50	10.41	-71.32	-110.70	-699.63	31.56	377.73	55.97
29087	89.28	2.50	10.41	-78.22	-100.89	-541.77	23.82	315.61	66.32
29088	90.31	2.50	10.41	-74.73	-92.50	-402.22	16.94	250.67	72.68
29089	91.34	2.50	10.41	-62.72	-85.02	-278.72	10.90	186.63	75.53
29090	92.38	2.50	10.41	-45.46	-78.18	-167.86	5.51	125.34	75.05
29091	93.41	2.50	10.41	-25.63	-71.84	-66.64	0.62	66.03	71.04
29092	94.44	2.50	10.41	-4.16	-65.79	25.65	-3.37	6.53	63.11
29093	78.96	3.10	10.41	248.89	-212.77	-2459.40	6.48	454.20	-94.74
29094	79.99	3.10	10.41	192.13	-204.94	-2263.54	24.85	481.63	-92.71
29095	81.01	3.10	10.41	147.85	-193.75	-2074.04	39.98	499.33	-80.31
29096	82.04	3.10	10.41	110.98	-179.74	-1886.86	50.96	512.38	-59.60
29097	83.06	3.10	10.41	76.82	-164.49	-1696.62	57.14	521.34	-33.39
29098	84.09	3.10	10.41	41.62	-149.59	-1500.79	57.51	522.69	-5.64
29099	85.11	3.10	10.41	5.95	-135.50	-1299.77	54.42	512.52	21.13
29100	86.14	3.10	10.41	-29.07	-123.27	-1098.70	47.20	486.27	44.68
29101	87.16	3.10	10.41	-56.22	-112.25	-904.76	38.70	444.03	63.22
29102	88.19	3.10	10.41	-75.58	-103.27	-724.90	29.85	388.62	76.39
29103	89.21	3.10	10.41	-82.07	-95.38	-563.24	21.98	324.40	84.62
29104	90.24	3.10	10.41	-78.07	-88.52	-420.97	15.28	257.57	88.73
29105	91.26	3.10	10.41	-65.51	-82.25	-295.63	9.62	191.81	89.28
29106	92.29	3.10	10.41	-47.61	-76.38	-183.78	4.73	128.96	86.49

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
29107	93.31	3.10	10.41	-27.08	-70.70	-82.42	0.45	68.30	80.12
29108	94.34	3.10	10.41	-4.85	-65.37	9.04	-2.97	7.63	69.56
29109	78.98	2.50	8.72	374.31	-195.01	-2232.73	6.33	343.95	-22.78
29110	80.04	2.50	8.72	306.75	-190.33	-2062.83	16.24	387.08	-25.04
29111	81.10	2.50	8.72	247.23	-182.71	-1890.07	24.92	416.51	-20.82
29112	82.15	2.50	8.72	194.52	-172.98	-1715.62	31.51	435.61	-11.37
29113	83.21	2.50	8.72	146.44	-162.23	-1539.51	35.40	445.42	1.56
29114	84.27	2.50	8.72	102.19	-151.16	-1362.07	36.65	445.50	16.29
29115	85.33	2.50	8.72	61.44	-140.65	-1185.00	35.31	434.72	31.15
29116	86.39	2.50	8.72	25.70	-131.13	-1011.23	32.12	412.38	44.79
29117	87.45	2.50	8.72	-3.73	-122.76	-844.57	27.55	378.90	56.29
29118	88.50	2.50	8.72	-24.83	-115.45	-688.41	22.42	336.18	65.05
29119	89.56	2.50	8.72	-37.55	-109.09	-545.01	17.21	287.03	70.94
29120	90.62	2.50	8.72	-42.00	-103.38	-415.05	12.30	234.18	73.94
29121	91.68	2.50	8.72	-39.70	-98.09	-298.08	7.84	179.96	74.11
29122	92.74	2.50	8.72	-32.19	-92.97	-193.13	3.98	125.50	71.48
29123	93.79	2.50	8.72	-20.63	-87.83	-99.75	0.89	71.03	66.02
29124	94.85	2.50	8.72	-5.46	-82.33	-18.41	-1.04	16.52	57.78
29125	78.98	3.10	8.72	378.45	-173.28	-2287.28	6.12	339.71	9.24
29126	80.03	3.10	8.72	310.97	-169.54	-2117.22	16.30	387.11	5.20
29127	81.08	3.10	8.72	250.90	-163.41	-1942.24	25.19	420.26	8.21
29128	82.13	3.10	8.72	197.07	-155.79	-1764.09	31.80	442.15	16.74
29129	83.18	3.10	8.72	147.82	-147.39	-1583.43	35.50	453.77	28.87
29130	84.24	3.10	8.72	102.35	-138.79	-1401.07	36.41	454.80	42.82
29131	85.29	3.10	8.72	60.61	-130.63	-1219.21	34.51	444.07	56.71
29132	86.34	3.10	8.72	24.24	-123.17	-1041.16	30.82	421.27	69.01
29133	87.39	3.10	8.72	-5.67	-116.71	-870.88	25.88	386.98	78.84
29134	88.44	3.10	8.72	-26.92	-110.96	-711.81	20.59	343.23	85.71
29135	89.50	3.10	8.72	-39.65	-105.90	-566.21	15.41	293.01	89.54
29136	90.55	3.10	8.72	-43.99	-101.22	-434.71	10.72	239.10	90.39
29137	91.60	3.10	8.72	-41.48	-96.71	-316.83	6.65	183.88	88.38
29138	92.65	3.10	8.72	-33.68	-92.16	-211.58	3.30	128.52	83.54
29139	93.70	3.10	8.72	-21.79	-87.32	-118.45	0.84	73.33	75.91
29140	94.76	3.10	8.72	-6.32	-82.15	-37.95	-0.42	18.21	65.40
29141	78.99	2.50	7.03	446.63	-169.58	-2053.56	10.44	233.06	30.90
29142	80.08	2.50	7.03	376.55	-167.44	-1908.82	14.74	286.50	26.69
29143	81.16	2.50	7.03	311.23	-163.54	-1754.96	18.79	326.02	26.62
29144	82.25	2.50	7.03	251.11	-158.45	-1595.70	21.93	353.13	29.97
29145	83.33	2.50	7.03	196.23	-152.67	-1433.62	23.76	368.82	35.82
29146	84.42	2.50	7.03	146.50	-146.73	-1270.92	24.11	373.49	43.12
29147	85.50	2.50	7.03	102.28	-140.98	-1109.96	23.07	367.41	50.86
29148	86.59	2.50	7.03	64.11	-135.64	-953.32	20.86	351.06	58.16
29149	87.67	2.50	7.03	32.79	-130.84	-803.49	17.88	325.46	64.34
29150	88.76	2.50	7.03	8.69	-126.52	-662.62	14.48	292.12	68.96
29151	89.84	2.50	7.03	-8.06	-122.56	-532.15	11.01	252.87	71.73
29152	90.93	2.50	7.03	-18.00	-118.77	-412.80	7.76	209.56	72.49
29153	92.01	2.50	7.03	-21.93	-114.95	-304.76	4.94	163.72	71.19
29154	93.10	2.50	7.03	-20.78	-110.88	-208.04	2.75	116.49	67.81
29155	94.18	2.50	7.03	-15.27	-106.39	-122.89	1.35	68.80	62.43
29156	95.27	2.50	7.03	-5.64	-101.15	-49.85	1.05	21.58	55.20
29157	78.99	3.10	7.03	447.41	-158.33	-2087.98	12.01	228.50	65.86
29158	80.07	3.10	7.03	378.00	-156.62	-1944.05	15.74	284.45	59.83
29159	81.15	3.10	7.03	312.80	-153.51	-1789.82	19.32	326.27	58.15
29160	82.23	3.10	7.03	252.46	-149.46	-1629.26	22.02	355.29	60.07
29161	83.30	3.10	7.03	197.12	-144.89	-1465.23	23.41	372.38	64.55
29162	84.38	3.10	7.03	146.85	-140.24	-1300.29	23.32	377.94	70.43
29163	85.46	3.10	7.03	102.11	-135.79	-1137.06	21.90	372.29	76.64
29164	86.54	3.10	7.03	63.50	-131.71	-978.31	19.39	356.01	82.29
29165	87.62	3.10	7.03	31.87	-127.99	-826.68	16.23	330.21	86.70
29166	88.70	3.10	7.03	7.55	-124.60	-684.38	12.79	296.51	89.44
29167	89.78	3.10	7.03	-9.29	-121.38	-552.88	9.45	256.80	90.25
29168	90.86	3.10	7.03	-19.26	-118.16	-432.92	6.47	212.99	89.04
29169	91.94	3.10	7.03	-23.14	-114.71	-324.66	4.05	166.66	85.75
29170	93.01	3.10	7.03	-21.88	-110.86	-228.06	2.37	119.01	80.43
29171	94.09	3.10	7.03	-16.27	-106.37	-143.32	1.59	71.01	73.21
29172	95.17	3.10	7.03	-6.61	-101.19	-71.03	1.94	23.45	64.15
29173	79.01	2.50	5.34	473.12	-160.46	-1862.84	15.64	131.91	55.22
29174	80.12	2.50	5.34	405.00	-159.09	-1740.00	16.02	189.01	50.85
29175	81.23	2.50	5.34	339.95	-156.88	-1605.88	16.65	233.92	49.03
29176	82.34	2.50	5.34	279.08	-154.13	-1464.57	17.10	266.94	49.46
29177	83.45	2.50	5.34	223.05	-151.12	-1319.42	17.05	288.49	51.61
29178	84.56	2.50	5.34	172.36	-148.09	-1173.27	16.33	299.11	54.88
29179	85.68	2.50	5.34	127.43	-145.24	-1028.70	14.94	299.40	58.65
29180	86.79	2.50	5.34	88.72	-142.65	-888.05	13.00	290.15	62.36
29181	87.90	2.50	5.34	56.52	-140.32	-753.37	10.67	272.42	65.56
29182	89.01	2.50	5.34	30.98	-138.17	-626.31	8.22	247.50	67.89
29183	90.12	2.50	5.34	11.93	-136.07	-508.06	5.86	216.79	69.11
29184	91.23	2.50	5.34	-1.04	-133.83	-399.37	3.85	181.69	69.03
29185	92.35	2.50	5.34	-8.53	-131.22	-300.63	2.38	143.50	67.54
29186	93.46	2.50	5.34	-11.19	-128.03	-212.09	1.63	103.39	64.59
29187	94.57	2.50	5.34	-9.59	-124.07	-133.82	1.67	62.49	60.20
29188	95.68	2.50	5.34	-4.42	-119.24	-66.61	2.53	22.75	54.56
29189	79.00	3.10	5.34	471.52	-155.68	-1885.69	18.83	128.01	89.49
29190	80.11	3.10	5.34	404.30	-154.46	-1763.93	18.15	186.46	83.51
29191	81.21	3.10	5.34	339.78	-152.64	-1630.26	17.93	232.74	80.13
29192	82.32	3.10	5.34	279.12	-150.46	-1488.84	17.66	266.97	79.03
29193	83.43	3.10	5.34	223.08	-148.13	-1343.18	16.99	289.54	79.65
29194	84.53	3.10	5.34	172.25	-145.85	-1196.28	15.77	300.91	81.37
29195	85.64	3.10	5.34	127.12	-143.73	-1050.88	13.99	301.69	83.55
29196	86.74	3.10	5.34	88.20	-141.81	-909.44	11.77	292.74	85.62
29197	87.85	3.10	5.34	55.80	-140.06	-774.11	9.31	275.14	87.13
29198	88.95	3.10	5.34	30.12	-138.38	-646.60	6.87	250.22	87.75
29199	90.06	3.10	5.34	10.98	-136.61	-528.14	4.66	219.43	87.25
29200	91.17	3.10	5.34	-2.02	-134.56	-419.47	2.93	184.21	85.46
29201	92.27	3.10	5.34	-9.50	-132.00	-320.99	1.87	145.87	82.31
29202	93.38	3.10	5.34	-12.12	-128.73	-232.88	1.62	105.62	77.75
29203	94.48	3.10	5.34	-10.52	-124.53	-155.13	2.25	64.61	71.87
29204	95.59	3.10	5.34	-5.43	-119.58	-88.54	3.69	24.62	64.79
29205	64.12	2.50	17.16	31.95	-187.95	38.15	-15.30	64.78	20.27



Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
29206	65.04	2.50	17.16	73.83	-216.61	-27.96	-9.59	54.78	8.99
29207	65.96	2.50	17.16	79.19	-249.04	-54.89	-2.46	14.81	10.64
29208	66.89	2.50	17.16	23.66	-293.41	-80.82	9.97	-51.65	17.20
29209	67.81	2.50	17.16	-134.88	-356.80	-132.42	32.71	-163.58	27.35
29210	68.74	2.50	17.16	-475.55	-451.32	-256.74	73.46	-376.80	43.37
29211	69.66	2.50	17.16	-1156.79	-606.60	-586.98	143.91	-840.10	74.63
29212	70.59	2.50	17.16	-2497.61	-899.33	-1494.73	261.84	-1977.13	153.95
29213	71.51	2.50	17.16	-5324.28	-2073.84	-7411.16	429.16	-5667.30	457.21
29214	72.44	2.50	17.16	-1298.63	-1996.61	-11920.90	-90.91	-420.48	12.29
29215	73.36	2.50	17.16	-1805.87	-1527.45	-7118.89	179.77	2583.66	-683.13
29216	74.29	2.50	17.16	-942.95	-960.58	-2687.07	193.87	741.29	-1262.82
29217	75.21	2.50	17.16	-621.41	-973.71	-2156.93	282.44	382.30	-1595.38
29218	76.14	2.50	17.16	-474.28	-945.53	-1905.64	314.88	308.94	-1629.33
29219	77.06	2.50	17.16	-393.06	-901.27	-1746.59	319.37	300.73	-1572.25
29220	77.99	2.50	17.16	-335.31	-840.97	-1609.99	305.90	307.27	-1477.85
29221	64.23	3.10	17.16	29.86	-186.56	38.33	-23.94	66.99	17.20
29222	65.14	3.10	17.16	71.25	-214.06	-28.82	-21.82	55.43	6.06
29223	66.06	3.10	17.16	75.69	-246.45	-56.94	-17.17	14.43	9.16
29224	66.98	3.10	17.16	18.88	-291.68	-83.95	-5.81	-53.71	18.29
29225	67.90	3.10	17.16	-141.37	-357.81	-137.16	18.34	-168.76	32.42
29226	68.81	3.10	17.16	-484.86	-458.80	-264.94	65.14	-388.27	55.40
29227	69.73	3.10	17.16	-1171.15	-624.69	-603.18	152.38	-865.37	98.58
29228	70.65	3.10	17.16	-2527.78	-931.45	-1534.69	305.02	-2026.12	205.68
29229	71.57	3.10	17.16	-5386.61	-2110.51	-7489.71	531.85	-5746.31	595.87
29230	72.49	3.10	17.16	-1380.16	-1948.42	-11887.90	-108.38	-494.36	65.78
29231	73.40	3.10	17.16	-1612.49	-1863.17	-8342.01	104.90	1357.40	-1542.05
29232	74.32	3.10	17.16	-1342.47	-1934.88	-5971.45	339.97	663.75	-3057.77
29233	75.24	3.10	17.16	-1199.61	-1939.28	-5479.66	451.37	600.53	-3257.81
29234	76.16	3.10	17.16	-1076.73	-1893.32	-5067.75	487.00	595.52	-3182.57
29235	77.07	3.10	17.16	-979.11	-1796.54	-4698.23	499.37	606.33	-3016.54
29236	77.99	3.10	17.16	-895.81	-1668.82	-4344.28	485.74	617.54	-2815.63
29237	63.70	2.50	15.47	-20.32	-25.94	65.78	6.06	18.70	42.33
29238	64.65	2.50	15.47	-115.85	-68.18	-90.69	10.37	-58.89	45.11
29239	65.60	2.50	15.47	-252.64	-109.05	-193.22	23.67	-170.71	53.34
29240	66.56	2.50	15.47	-438.02	-152.75	-304.95	41.89	-346.57	69.17
29241	67.51	2.50	15.47	-684.66	-206.22	-490.84	63.03	-623.08	93.44
29242	68.46	2.50	15.47	-992.72	-281.09	-856.28	83.73	-1056.94	127.99
29243	69.41	2.50	15.47	-1298.98	-398.45	-1617.90	93.59	-1715.62	174.15
29244	70.36	2.50	15.47	-1330.47	-607.35	-3328.68	61.54	-2560.58	223.51
29245	71.31	2.50	15.47	197.03	-634.66	-5216.64	-107.59	-2087.17	139.88
29246	72.27	2.50	15.47	316.93	-822.69	-6358.86	-194.89	-950.62	-65.49
29247	73.22	2.50	15.47	-37.18	-974.05	-6345.71	-389.66	487.87	-488.68
29248	74.17	2.50	15.47	-742.36	-1026.93	-5155.48	-272.98	1157.95	-976.43
29249	75.12	2.50	15.47	-735.25	-882.55	-3943.64	-115.62	900.21	-1254.92
29250	76.07	2.50	15.47	-628.62	-792.69	-3365.13	20.65	718.73	-1361.84
29251	77.02	2.50	15.47	-528.88	-712.65	-2998.81	107.86	621.58	-1354.26
29252	77.97	2.50	15.47	-454.07	-641.84	-2722.30	149.86	568.59	-1289.59
29253	63.81	3.10	15.47	-21.03	-23.38	64.75	4.87	19.17	39.46
29254	64.75	3.10	15.47	-118.56	-64.11	-94.38	9.98	-60.74	46.60
29255	65.70	3.10	15.47	-256.91	-104.54	-199.94	26.38	-174.86	59.71
29256	66.64	3.10	15.47	-444.10	-147.71	-314.77	49.60	-353.55	82.64
29257	67.59	3.10	15.47	-692.97	-200.02	-504.56	77.87	-634.05	117.53
29258	68.53	3.10	15.47	-1003.96	-271.91	-876.30	107.54	-1073.89	168.16
29259	69.48	3.10	15.47	-1314.06	-382.42	-1649.87	125.41	-1741.39	237.64
29260	70.42	3.10	15.47	-1349.78	-578.96	-3376.09	90.68	-2595.56	314.20
29261	71.37	3.10	15.47	165.05	-582.49	-5262.94	-113.94	-2135.37	227.82
29262	72.31	3.10	15.47	207.21	-752.46	-6495.87	-209.27	-1114.97	9.35
29263	73.26	3.10	15.47	-122.48	-643.66	-6602.40	-412.37	308.88	-258.58
29264	74.20	3.10	15.47	-554.76	-379.23	-5552.80	-315.43	862.53	-572.65
29265	75.14	3.10	15.47	-587.34	-205.86	-4590.73	-151.56	785.89	-856.64
29266	76.09	3.10	15.47	-532.89	-120.28	-4035.97	-16.07	709.08	-960.99
29267	77.03	3.10	15.47	-477.63	-59.33	-3647.74	75.13	664.53	-963.26
29268	77.98	3.10	15.47	-436.06	-13.29	-3333.93	111.36	631.00	-912.41
29269	63.29	2.50	13.78	-41.76	67.16	-70.23	22.84	-82.47	50.16
29270	64.27	2.50	13.78	-142.19	28.18	-222.44	27.02	-217.20	74.46
29271	65.24	2.50	13.78	-258.17	-10.47	-380.29	36.00	-361.06	93.83
29272	66.22	2.50	13.78	-382.16	-49.69	-578.79	47.25	-549.71	114.33
29273	67.20	2.50	13.78	-495.13	-92.57	-872.93	56.35	-803.36	138.67
29274	68.18	2.50	13.78	-551.94	-143.41	-1337.74	56.44	-1117.81	165.72
29275	69.16	2.50	13.78	-464.51	-205.47	-2058.61	36.72	-1425.57	187.43
29276	70.14	2.50	13.78	-108.68	-253.62	-2925.96	-15.15	-1484.15	177.87
29277	71.11	2.50	13.78	83.91	-341.51	-3796.30	-71.63	-1314.53	127.59
29278	72.09	2.50	13.78	417.27	-393.69	-4444.72	-152.85	-856.95	18.09
29279	73.07	2.50	13.78	478.58	-425.45	-4670.40	-169.90	-217.84	-114.40
29280	74.05	2.50	13.78	313.90	-430.28	-4430.72	-188.87	351.27	-254.05
29281	75.03	2.50	13.78	24.05	-444.17	-3911.53	-145.94	655.61	-404.54
29282	76.00	2.50	13.78	-113.16	-424.49	-3373.78	-77.64	694.02	-506.94
29283	76.98	2.50	13.78	-167.75	-398.76	-2969.91	-12.58	663.78	-549.89
29284	77.96	2.50	13.78	-185.13	-370.72	-2658.09	33.15	619.04	-548.87
29285	63.39	3.10	13.78	-40.98	69.18	-77.55	26.32	-84.27	49.04
29286	64.36	3.10	13.78	-142.35	31.57	-232.06	33.05	-220.92	81.60
29287	65.34	3.10	13.78	-258.79	-6.26	-393.00	45.69	-366.88	108.41
29288	66.31	3.10	13.78	-383.07	-44.55	-594.68	61.44	-557.33	137.40
29289	67.28	3.10	13.78	-496.41	-85.79	-891.88	75.32	-812.35	172.42
29290	68.25	3.10	13.78	-554.24	-133.21	-1359.47	79.12	-1127.67	212.92
29291	69.22	3.10	13.78	-470.01	-188.58	-2081.48	59.38	-1436.31	249.94
29292	70.19	3.10	13.78	-123.54	-224.96	-2948.02	0.88	-1500.73	252.62
29293	71.16	3.10	13.78	50.75	-299.75	-3833.27	-62.33	-1356.07	210.46
29294	72.14	3.10	13.78	397.38	-330.80	-4511.49	-152.95	-917.84	102.39
29295	73.11	3.10	13.78	469.77	-398.68	-4781.57	-168.06	-293.74	-60.68
29296	74.08	3.10	13.78	279.96	-446.53	-4600.13	-189.25	277.49	-230.48
29297	75.05	3.10	13.78	35.09	-441.80	-4138.91	-150.69	574.33	-387.18
29298	76.02	3.10	13.78	-98.16	-413.60	-3662.12	-77.47	655.77	-498.44
29299	76.99	3.10	13.78	-163.77	-377.62	-3266.01	-8.37	663.41	-538.08
29300	77.96	3.10	13.78	-193.94	-342.51	-2937.33	37.56	638.26	-530.99
29301	62.87	2.50	12.09	-48.56	101.59	-294.82	32.68	-151.76	59.30
29302	63.88	2.50	12.09	-113.68	68.77	-377.23	41.01	-284.14	92.18
29303	64.88	2.50	12.09	-160.27	37.09	-528.40	47.72	-413.96	117.33
29304	65.89	2.50	12.09	-191.56	5.09	-749.75	52.67	-562.38	138.62

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
29305	66.89	2.50	12.09	-191.82	-27.62	-1055.81	53.42	-732.19	157.94
29306	67.90	2.50	12.09	-138.42	-61.89	-1463.37	46.40	-902.09	174.16
29307	68.90	2.50	12.09	-12.96	-96.55	-1959.06	28.26	-1018.58	181.83
29308	69.91	2.50	12.09	139.53	-138.72	-2512.71	0.43	-1048.60	175.34
29309	70.91	2.50	12.09	356.42	-177.07	-3046.14	-38.99	-934.66	145.58
29310	71.92	2.50	12.09	493.81	-224.75	-3463.75	-72.65	-679.71	90.67
29311	72.92	2.50	12.09	562.89	-275.07	-3685.75	-103.56	-346.22	9.85
29312	73.93	2.50	12.09	525.68	-321.67	-3695.33	-107.49	-2.67	-82.38
29313	74.93	2.50	12.09	419.22	-347.07	-3521.46	-97.09	276.04	-163.80
29314	75.94	2.50	12.09	277.43	-360.22	-3243.28	-70.25	451.27	-229.10
29315	76.94	2.50	12.09	165.81	-359.16	-2940.43	-36.71	527.26	-270.43
29316	77.95	2.50	12.09	88.92	-350.08	-2665.10	-4.33	548.89	-287.84
29317	62.98	3.10	12.09	-46.85	103.62	-309.99	38.93	-154.50	62.18
29318	63.98	3.10	12.09	-112.07	71.09	-394.46	51.05	-288.24	104.20
29319	64.97	3.10	12.09	-158.86	39.95	-547.33	60.94	-419.68	137.50
29320	65.97	3.10	12.09	-190.42	8.64	-769.87	68.90	-569.20	166.94
29321	66.97	3.10	12.09	-191.38	-22.80	-1076.30	71.98	-739.24	194.91
29322	67.97	3.10	12.09	-139.77	-54.78	-1482.91	65.82	-908.86	220.22
29323	68.97	3.10	12.09	-18.31	-85.70	-1976.52	46.29	-1026.32	236.56
29324	69.96	3.10	12.09	128.15	-122.72	-2529.56	14.96	-1061.39	237.52
29325	70.96	3.10	12.09	342.53	-153.03	-3065.58	-31.25	-955.25	212.23
29326	71.96	3.10	12.09	475.84	-193.72	-3494.93	-73.64	-713.19	155.97
29327	72.96	3.10	12.09	548.73	-225.82	-3742.75	-115.09	-393.55	70.45
29328	73.96	3.10	12.09	528.72	-254.72	-3785.00	-121.35	-52.96	-30.57
29329	74.96	3.10	12.09	425.33	-274.96	-3639.76	-108.85	234.56	-120.79
29330	75.95	3.10	12.09	292.14	-281.52	-3380.92	-80.71	418.61	-191.22
29331	76.95	3.10	12.09	181.53	-280.54	-3093.05	-45.14	509.35	-239.22
29332	77.95	3.10	12.09	101.66	-275.00	-2822.11	-10.03	545.20	-262.41
29333	62.46	2.50	10.41	-49.80	105.33	-480.94	42.64	-177.44	79.44
29334	63.49	2.50	10.41	-52.12	78.18	-484.79	54.90	-251.68	108.62
29335	64.52	2.50	10.41	-35.39	50.42	-603.06	62.84	-337.28	130.62
29336	65.56	2.50	10.41	10.35	24.19	-811.04	64.74	-437.60	147.61
29337	66.59	2.50	10.41	73.12	-2.68	-1092.71	61.76	-552.71	161.69
29338	67.62	2.50	10.41	154.96	-29.81	-1430.39	53.65	-661.50	172.12
29339	68.65	2.50	10.41	255.56	-57.84	-1808.59	40.00	-738.65	176.70
29340	69.68	2.50	10.41	378.73	-85.57	-2199.72	20.37	-753.74	171.87
29341	70.71	2.50	10.41	492.73	-115.72	-2566.60	-2.14	-692.35	155.05
29342	71.74	2.50	10.41	591.44	-145.38	-2865.91	-26.03	-555.12	124.63
29343	72.78	2.50	10.41	640.45	-174.24	-3062.16	-43.99	-358.91	82.88
29344	73.81	2.50	10.41	636.66	-200.42	-3134.85	-54.82	-140.23	34.16
29345	74.84	2.50	10.41	581.53	-224.00	-3091.96	-54.09	65.36	-15.62
29346	75.87	2.50	10.41	496.61	-240.12	-2959.88	-45.00	230.73	-58.66
29347	76.90	2.50	10.41	400.54	-249.01	-2775.77	-29.60	346.33	-91.46
29348	77.93	2.50	10.41	313.28	-250.40	-2571.90	-11.12	416.48	-111.86
29349	62.56	3.10	10.41	-47.07	108.69	-504.23	51.45	-180.37	88.52
29350	63.59	3.10	10.41	-49.75	80.28	-510.55	68.18	-256.55	125.39
29351	64.61	3.10	10.41	-33.98	51.99	-628.86	79.15	-343.89	154.36
29352	65.64	3.10	10.41	10.22	25.63	-835.40	83.13	-445.12	177.93
29353	66.66	3.10	10.41	71.40	-0.66	-1114.80	81.23	-560.10	198.53
29354	67.69	3.10	10.41	151.24	-26.44	-1449.83	73.09	-668.53	215.32
29355	68.71	3.10	10.41	249.25	-52.29	-1825.55	58.09	-746.14	225.69
29356	69.74	3.10	10.41	369.80	-76.84	-2215.18	35.53	-763.19	225.25
29357	70.76	3.10	10.41	480.91	-103.30	-2583.37	9.01	-706.08	210.57
29358	71.79	3.10	10.41	579.41	-127.75	-2887.99	-19.27	-574.32	180.17
29359	72.81	3.10	10.41	630.52	-152.82	-3093.28	-40.80	-382.72	136.26
29360	73.84	3.10	10.41	629.28	-175.57	-3179.09	-55.90	-167.76	83.28
29361	74.86	3.10	10.41	580.38	-195.11	-3151.71	-57.94	37.84	27.11
29362	75.89	3.10	10.41	499.04	-209.37	-3033.69	-49.34	207.84	-22.63
29363	76.91	3.10	10.41	406.29	-216.30	-2859.15	-33.39	329.74	-60.36
29364	77.94	3.10	10.41	320.55	-216.87	-2660.81	-13.73	407.55	-84.41
29365	62.05	2.50	8.72	11.94	109.81	-534.84	56.11	-144.05	118.57
29366	63.11	2.50	8.72	33.47	79.09	-478.68	77.83	-124.75	132.64
29367	64.16	2.50	8.72	167.26	60.19	-592.25	82.02	-134.10	138.07
29368	65.22	2.50	8.72	278.24	33.05	-820.03	79.36	-220.16	146.22
29369	66.28	2.50	8.72	364.16	4.13	-1090.29	73.76	-334.06	155.35
29370	67.34	2.50	8.72	437.25	-23.92	-1381.53	65.74	-442.00	162.96
29371	68.40	2.50	8.72	508.10	-49.91	-1681.27	54.90	-520.14	166.67
29372	69.45	2.50	8.72	576.89	-74.16	-1975.58	41.39	-553.12	164.57
29373	70.51	2.50	8.72	641.86	-96.57	-2245.38	25.76	-532.20	155.20
29374	71.57	2.50	8.72	689.97	-118.01	-2469.26	10.16	-458.01	138.22
29375	72.63	2.50	8.72	714.07	-138.27	-2627.79	-3.79	-341.31	114.41
29376	73.69	2.50	8.72	706.17	-156.89	-2710.05	-13.63	-199.08	85.88
29377	74.75	2.50	8.72	667.96	-172.56	-2715.14	-18.48	-51.65	55.74
29378	75.80	2.50	8.72	605.30	-184.87	-2653.10	-17.62	83.78	27.25
29379	76.86	2.50	8.72	529.27	-192.72	-2540.35	-12.17	196.12	3.64
29380	77.92	2.50	8.72	449.66	-196.02	-2395.19	-3.64	282.09	-13.27
29381	62.14	3.10	8.72	15.59	115.88	-568.89	68.40	-146.87	137.66
29382	63.20	3.10	8.72	35.83	81.52	-514.70	96.14	-132.62	156.05
29383	64.25	3.10	8.72	165.43	60.35	-624.87	102.19	-144.39	164.68
29384	65.30	3.10	8.72	273.87	32.12	-847.71	100.37	-229.96	176.98
29385	66.35	3.10	8.72	358.16	3.11	-1113.71	95.00	-342.59	190.80
29386	67.40	3.10	8.72	429.92	-24.21	-1401.32	86.58	-449.41	203.12
29387	68.46	3.10	8.72	499.42	-48.74	-1698.05	74.55	-527.06	211.08
29388	69.51	3.10	8.72	566.83	-70.91	-1990.33	59.01	-560.59	212.40
29389	70.56	3.10	8.72	630.99	-90.58	-2259.55	40.56	-541.28	205.31
29390	71.61	3.10	8.72	678.95	-109.09	-2484.97	21.58	-469.52	189.09
29391	72.66	3.10	8.72	703.99	-125.96	-2647.59	3.98	-355.62	164.35
29392	73.72	3.10	8.72	698.59	-141.21	-2736.05	-8.84	-215.28	133.60
29393	74.77	3.10	8.72	663.23	-154.09	-2748.61	-16.10	-68.46	100.52
29394	75.82	3.10	8.72	604.06	-164.13	-2694.31	-16.93	68.11	68.55
29395	76.87	3.10	8.72	530.67	-170.90	-2588.24	-12.29	183.47	41.30
29396	77.92	3.10	8.72	452.92	-173.91	-2447.59	-3.96	273.44	21.23
29397	61.63	2.50	7.03	-74.17	110.10	-310.92	98.80	-30.34	192.32
29398	62.72	2.50	7.03	455.33	141.31	-278.16	101.92	287.42	147.67
29399	63.80	2.50	7.03	663.78	101.27	-593.58	92.54	188.25	134.58
29400	64.89	2.50	7.03	740.12	55.82	-874.38	84.71	16.33	135.81
29401	65.97	2.50	7.03	763.40	12.64	-1130.44	78.80	-150.05	142.09
29402	67.06	2.50	7.03	769.68	-24.85	-1372.89	73.07	-286.15	148.43
29403	68.14	2.50	7.03	773.89	-55.91	-1605.76	66.08	-382.37	152.22

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
29404	69.23	2.50	7.03	780.84	-81.03	-1825.59	57.13	-434.02	152.01
29405	70.31	2.50	7.03	787.90	-101.46	-2023.74	46.49	-440.13	147.10
29406	71.40	2.50	7.03	790.41	-118.29	-2188.95	34.97	-403.75	137.35
29407	72.48	2.50	7.03	781.62	-132.44	-2310.56	23.97	-332.09	123.28
29408	73.57	2.50	7.03	757.45	-144.34	-2381.05	14.71	-236.07	106.05
29409	74.65	2.50	7.03	716.06	-154.19	-2398.30	8.23	-128.12	87.30
29410	75.74	2.50	7.03	659.57	-161.75	-2365.64	4.87	-20.05	68.88
29411	76.82	2.50	7.03	592.26	-166.91	-2290.78	4.59	79.15	52.50
29412	77.91	2.50	7.03	519.67	-169.50	-2183.52	6.74	164.13	39.57
29413	61.73	3.10	7.03	-67.73	118.52	-362.64	120.54	-34.89	229.67
29414	62.81	3.10	7.03	448.65	141.26	-324.64	126.43	271.03	177.35
29415	63.89	3.10	7.03	653.64	99.33	-628.58	115.30	174.55	162.45
29416	64.96	3.10	7.03	729.41	52.27	-902.66	106.80	5.83	165.60
29417	66.04	3.10	7.03	752.65	8.40	-1153.86	100.72	-158.12	175.23
29418	67.12	3.10	7.03	758.72	-28.81	-1392.47	94.79	-292.61	185.22
29419	68.20	3.10	7.03	762.52	-58.79	-1622.24	87.08	-387.96	192.36
29420	69.28	3.10	7.03	769.07	-82.29	-1839.73	76.70	-439.45	194.89
29421	70.36	3.10	7.03	775.94	-100.86	-2036.57	63.98	-446.12	191.89
29422	71.44	3.10	7.03	778.78	-115.61	-2201.75	49.93	-410.87	183.16
29423	72.52	3.10	7.03	771.00	-127.71	-2324.76	36.21	-340.56	169.20
29424	73.60	3.10	7.03	748.40	-137.71	-2398.04	24.21	-245.77	151.18
29425	74.67	3.10	7.03	709.18	-145.84	-2419.10	15.28	-138.43	130.85
29426	75.75	3.10	7.03	655.00	-152.03	-2390.66	9.90	-30.11	110.41
29427	76.83	3.10	7.03	589.97	-156.18	-2319.84	8.04	70.24	91.79
29428	77.91	3.10	7.03	519.21	-158.26	-2215.85	9.08	157.16	76.61
29429	61.22	2.50	5.34	2014.68	486.43	767.28	115.52	1207.24	236.92
29430	62.33	2.50	5.34	1851.49	289.53	-384.24	77.61	691.53	142.81
29431	63.44	2.50	5.34	1606.23	180.45	-777.92	71.10	317.06	126.13
29432	64.55	2.50	5.34	1399.59	96.04	-1027.41	70.51	54.00	126.12
29433	65.67	2.50	5.34	1239.79	28.40	-1223.75	71.40	-134.71	129.78
29434	66.78	2.50	5.34	1119.81	-24.75	-1400.16	71.87	-269.51	133.56
29435	67.89	2.50	5.34	1030.92	-64.83	-1566.26	70.46	-359.54	135.78
29436	69.00	2.50	5.34	964.91	-94.03	-1721.77	66.43	-409.00	135.54
29437	70.11	2.50	5.34	914.30	-114.87	-1861.63	59.87	-420.81	132.39
29438	71.22	2.50	5.34	871.64	-129.70	-1978.76	51.58	-398.73	126.30
29439	72.34	2.50	5.34	830.48	-140.34	-2066.06	42.63	-348.31	117.56
29440	73.45	2.50	5.34	785.68	-148.05	-2118.20	34.09	-276.79	106.78
29441	74.56	2.50	5.34	734.34	-153.61	-2132.62	26.82	-192.42	94.84
29442	75.67	2.50	5.34	675.71	-157.47	-2109.98	21.36	-103.33	82.77
29443	76.78	2.50	5.34	611.01	-159.80	-2053.78	17.83	-16.52	71.62
29444	77.89	2.50	5.34	542.58	-160.76	-1969.38	16.06	62.93	62.23
29445	61.31	3.10	5.34	1991.94	471.78	690.58	146.17	1183.93	290.25
29446	62.42	3.10	5.34	1829.90	284.01	-425.35	100.89	677.07	176.91
29447	63.52	3.10	5.34	1588.83	176.50	-811.75	92.02	307.27	155.97
29448	64.63	3.10	5.34	1384.90	90.79	-1055.51	90.28	46.91	155.54
29449	65.73	3.10	5.34	1226.69	21.57	-1247.14	91.55	-139.94	160.97
29450	66.84	3.10	5.34	1107.22	-32.03	-1419.65	92.85	-273.53	167.21
29451	67.95	3.10	5.34	1018.23	-71.37	-1582.56	91.74	-362.89	171.85
29452	69.05	3.10	5.34	952.05	-99.13	-1735.60	87.08	-412.14	173.64
29453	70.16	3.10	5.34	901.54	-118.27	-1873.76	79.07	-424.17	172.03
29454	71.26	3.10	5.34	859.37	-131.40	-1990.07	68.75	-402.66	166.90
29455	72.37	3.10	5.34	819.17	-140.44	-2077.51	57.43	-353.04	158.51
29456	73.47	3.10	5.34	775.76	-146.72	-2130.70	46.45	-282.31	147.51
29457	74.58	3.10	5.34	726.12	-151.05	-2146.91	36.82	-198.51	134.84
29458	75.69	3.10	5.34	669.36	-153.92	-2126.56	29.22	-109.58	121.64
29459	76.79	3.10	5.34	606.50	-155.56	-2072.75	23.84	-22.41	109.07
29460	77.90	3.10	5.34	539.70	-156.10	-1990.52	20.53	57.85	98.12
29461	78.90	3.95	17.16	-911.01	-500.35	-5411.95	49.84	794.76	-221.82
29462	79.81	3.95	17.16	-782.59	-499.17	-4884.49	18.64	773.53	-229.93
29463	80.71	3.95	17.16	-682.30	-494.63	-4378.26	54.87	795.60	-220.86
29464	81.61	3.96	17.16	-645.56	-441.32	-3960.64	81.28	813.08	-171.71
29465	82.52	3.96	17.16	-600.71	-401.06	-3570.85	61.36	794.38	-102.92
29466	83.42	3.96	17.16	-509.12	-434.54	-3172.21	40.28	797.29	-33.10
29467	84.32	3.96	17.16	-484.18	-503.09	-2966.95	10.31	948.74	62.49
29468	85.23	3.96	17.16	-1505.07	-624.60	-1748.45	-303.69	1582.45	173.29
29469	86.13	3.96	17.16	-656.67	-363.31	-429.65	-206.39	626.88	69.27
29470	87.04	3.97	17.16	-235.29	-280.11	-183.68	-139.94	276.06	43.36
29471	87.94	3.97	17.16	-22.79	-232.28	-89.40	-97.10	118.73	30.45
29472	88.84	3.97	17.16	75.00	-203.21	-50.20	-67.55	39.45	23.71
29473	89.75	3.97	17.16	107.68	-183.75	-31.22	-46.29	-5.17	20.52
29474	90.65	3.97	17.16	101.66	-169.08	-18.33	-29.61	-31.93	20.87
29475	91.56	3.97	17.16	72.12	-155.04	-2.21	-14.29	-46.42	27.46
29476	92.46	3.97	17.16	28.80	-136.59	29.20	3.03	-48.20	49.96
29477	78.89	5.05	17.16	-576.75	-727.31	-3208.30	-146.37	447.07	1350.18
29478	79.77	5.06	17.16	-554.73	-683.09	-3857.46	-100.06	-109.06	586.73
29479	80.65	5.06	17.16	-548.02	-649.75	-4276.13	-26.95	757.11	14.83
29480	81.53	5.06	17.16	-794.19	-593.26	-3227.22	-66.00	1227.32	415.74
29481	82.42	5.07	17.16	-454.26	-474.90	-2263.37	-151.60	712.54	808.26
29482	83.30	5.07	17.16	-292.77	-513.78	-2810.09	-95.74	266.88	426.50
29483	84.18	5.07	17.16	-531.81	-577.00	-3444.19	-26.54	1002.08	178.19
29484	85.06	5.08	17.16	-1654.98	-728.65	-2007.37	-447.98	1838.37	339.69
29485	85.94	5.08	17.16	-696.51	-413.72	-460.82	-257.98	679.46	157.89
29486	86.82	5.09	17.16	-247.12	-303.00	-199.87	-156.49	298.76	78.69
29487	87.70	5.09	17.16	-26.09	-243.22	-98.86	-96.16	130.10	46.06
29488	88.58	5.09	17.16	75.71	-205.86	-56.39	-59.77	44.82	30.87
29489	89.46	5.10	17.16	110.46	-181.01	-35.54	-36.56	-3.50	23.70
29490	90.35	5.10	17.16	105.30	-162.63	-21.32	-20.32	-32.95	22.34
29491	91.23	5.11	17.16	75.47	-145.86	-3.93	-6.69	-50.10	29.04
29492	92.11	5.11	17.16	30.43	-124.94	29.03	8.12	-55.58	53.69
29493	78.88	6.15	17.16	-165.43	-240.78	-1184.28	8.12	49.12	180.40
29494	79.73	6.16	17.16	-363.24	-579.20	-3279.58	28.44	-1146.14	11.80
29495	80.58	6.16	17.16	-472.91	-809.78	-4731.58	-21.16	718.38	18.42
29496	81.44	6.16	17.16	-908.03	-571.70	-2858.29	-28.63	1667.41	87.42
29497	82.29	6.17	17.16	-272.02	-377.37	-2041.09	58.99	207.81	-454.06
29498	83.14	6.17	17.16	-320.81	-596.16	-3373.03	134.30	315.85	-366.53
29499	83.99	6.18	17.16	-1248.28	-1071.43	-3185.64	-397.12	1531.24	786.42
29500	84.85	6.18	17.16	-1246.93	-983.14	-1488.16	-652.60	1377.80	870.64
29501	85.70	6.18	17.16	-588.05	-479.20	-463.95	-333.23	631.19	268.14
29502	86.55	6.19	17.16	-216.61	-333.06	-206.57	-172.45	296.84	121.09

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
29503	87.41	6.19	17.16	-17.34	-253.67	-107.21	-93.21	134.76	64.50
29504	88.26	6.20	17.16	78.46	-206.72	-63.02	-50.22	48.18	39.03
29505	89.11	6.20	17.16	112.16	-176.25	-40.53	-25.66	-2.50	26.92
29506	89.96	6.20	17.16	107.30	-154.35	-24.78	-10.48	-34.31	23.36
29507	90.82	6.21	17.16	77.67	-135.04	-5.76	0.77	-54.13	29.88
29508	91.67	6.21	17.16	31.81	-112.40	28.67	12.15	-64.08	56.13
29509	78.86	7.25	17.16	-222.36	-165.24	-1303.05	31.34	-75.17	0.08
29510	79.68	7.25	17.16	-453.33	-608.06	-3651.51	43.88	-1435.48	-94.61
29511	80.50	7.25	17.16	-504.43	-880.71	-5179.25	7.89	668.28	-4.88
29512	81.32	7.26	17.16	-853.99	-648.24	-3295.89	-9.07	1620.28	62.41
29513	82.14	7.26	17.16	-327.42	-540.38	-3364.94	25.97	-130.96	-140.71
29514	82.96	7.26	17.16	-646.73	-744.86	-4647.90	56.32	993.84	181.95
29515	83.78	7.26	17.16	-1973.75	-1013.01	-2770.16	-518.03	2274.94	503.67
29516	84.59	7.26	17.16	-813.25	-631.21	-770.21	-305.85	876.33	305.40
29517	85.41	7.27	17.16	-420.71	-515.65	-414.02	-253.84	508.41	266.75
29518	86.23	7.27	17.16	-156.60	-349.86	-204.67	-148.51	269.65	142.90
29519	87.05	7.27	17.16	1.41	-259.37	-113.73	-76.65	130.30	79.22
29520	87.87	7.27	17.16	82.88	-204.23	-70.00	-35.37	48.32	46.33
29521	88.69	7.27	17.16	112.39	-169.10	-46.21	-12.43	-2.72	29.59
29522	89.51	7.27	17.16	107.14	-144.40	-28.73	0.31	-36.26	23.67
29523	90.33	7.28	17.16	78.28	-123.32	-7.74	8.34	-58.65	29.70
29524	91.15	7.28	17.16	33.00	-99.28	28.62	15.53	-72.80	57.26
29525	78.92	3.95	15.47	-472.95	12.65	-3442.13	78.78	632.43	-442.09
29526	79.85	3.95	15.47	-392.63	-50.17	-3219.70	53.93	585.10	-474.09
29527	80.78	3.95	15.47	-335.08	-110.58	-2996.83	100.72	616.05	-483.02
29528	81.71	3.96	15.47	-325.22	-114.25	-2716.74	143.91	638.84	-394.38
29529	82.64	3.96	15.47	-305.20	-130.49	-2471.89	138.81	609.55	-266.74
29530	83.57	3.96	15.47	-251.29	-212.37	-2324.87	117.74	628.31	-154.20
29531	84.50	3.96	15.47	-233.08	-266.74	-2029.88	77.53	802.15	-55.58
29532	85.43	3.96	15.47	-180.31	-216.46	-1538.60	72.48	876.86	29.50
29533	86.36	3.96	15.47	-467.19	-218.17	-987.56	-9.05	841.15	86.40
29534	87.29	3.96	15.47	-407.73	-178.17	-525.12	-32.83	552.30	82.88
29535	88.23	3.97	15.47	-291.89	-153.04	-300.32	-33.99	327.82	73.20
29536	89.16	3.97	15.47	-186.62	-134.81	-182.22	-27.04	174.24	65.68
29537	90.09	3.97	15.47	-106.26	-119.92	-112.29	-17.64	72.10	62.48
29538	91.02	3.97	15.47	-49.40	-106.14	-59.07	-8.27	5.45	64.91
29539	91.95	3.97	15.47	-11.57	-92.39	-0.81	-1.10	-36.15	74.66
29540	92.88	3.97	15.47	10.50	-79.62	83.98	-0.76	-60.81	92.02
29541	78.90	5.05	15.47	-685.74	-269.70	-3520.19	-30.93	579.75	121.51
29542	79.81	5.06	15.47	-430.43	-287.06	-3409.58	-115.58	517.67	29.20
29543	80.72	5.06	15.47	-259.22	-293.97	-3254.87	-5.21	601.66	-37.54
29544	81.63	5.06	15.47	-315.70	-297.95	-3011.00	98.09	718.51	-55.58
29545	82.54	5.07	15.47	-453.09	-357.32	-2779.22	65.52	707.21	-58.91
29546	83.45	5.07	15.47	-350.54	-348.24	-2525.40	33.26	748.69	4.50
29547	84.36	5.07	15.47	-239.18	-253.83	-2117.36	29.44	873.71	107.04
29548	85.27	5.08	15.47	-193.58	-173.27	-1619.27	36.76	930.37	163.02
29549	86.18	5.08	15.47	-510.17	-204.72	-1055.55	-57.94	901.03	184.48
29550	87.09	5.08	15.47	-439.43	-170.65	-566.26	-68.37	591.01	143.41
29551	87.99	5.09	15.47	-315.70	-145.70	-328.63	-55.63	353.95	109.32
29552	88.90	5.09	15.47	-204.41	-126.50	-202.40	-38.59	191.14	87.75
29553	89.81	5.10	15.47	-119.05	-110.55	-127.01	-22.52	81.90	76.55
29554	90.72	5.10	15.47	-57.94	-96.07	-69.73	-8.99	9.37	74.70
29555	91.63	5.10	15.47	-16.17	-82.47	-8.10	0.39	-37.71	82.48
29556	92.54	5.11	15.47	10.44	-71.50	79.81	1.39	-67.78	98.85
29557	78.89	6.15	15.47	-900.36	-659.74	-3252.23	-52.71	452.26	223.48
29558	79.77	6.16	15.47	-417.53	-528.65	-3280.95	-97.48	369.01	107.39
29559	80.65	6.16	15.47	-116.96	-416.69	-3245.45	-20.03	491.30	4.46
29560	81.54	6.16	15.47	-288.99	-469.71	-3180.98	5.37	674.27	-25.78
29561	82.42	6.17	15.47	-520.90	-511.46	-2960.71	-10.58	792.20	33.69
29562	83.30	6.17	15.47	-315.03	-384.05	-2598.14	75.31	825.51	111.48
29563	84.18	6.18	15.47	-166.57	-208.15	-2204.79	156.36	941.13	169.49
29564	85.06	6.18	15.47	-369.39	-196.90	-1662.69	11.33	1051.10	279.80
29565	85.94	6.18	15.47	-520.76	-227.25	-1039.58	-111.93	893.09	298.03
29566	86.82	6.19	15.47	-446.86	-179.72	-592.62	-107.28	602.41	209.67
29567	87.71	6.19	15.47	-326.90	-145.69	-354.99	-80.37	369.34	149.51
29568	88.59	6.19	15.47	-216.69	-120.97	-224.33	-53.06	204.38	112.22
29569	89.47	6.20	15.47	-129.99	-101.81	-144.03	-29.92	90.90	91.67
29570	90.35	6.20	15.47	-66.23	-85.68	-82.27	-11.76	13.55	84.39
29571	91.23	6.21	15.47	-21.06	-71.80	-16.63	0.37	-38.77	89.13
29572	92.11	6.21	15.47	10.21	-62.71	74.39	2.64	-74.82	103.28
29573	78.87	7.25	15.47	-965.52	-636.51	-3257.67	-18.41	382.82	-36.06
29574	79.72	7.25	15.47	-411.55	-519.11	-3381.45	-8.37	273.31	-45.98
29575	80.57	7.25	15.47	-90.84	-429.91	-3481.27	17.21	398.73	-59.11
29576	81.42	7.26	15.47	-300.23	-467.72	-3570.80	8.03	617.93	-83.92
29577	82.27	7.26	15.47	-459.36	-399.17	-3278.29	62.51	906.80	-24.72
29578	83.12	7.26	15.47	-224.05	-265.75	-2760.51	98.66	955.76	107.84
29579	83.97	7.26	15.47	-156.06	-237.66	-2323.99	128.05	1071.14	310.96
29580	84.82	7.26	15.47	-588.72	-314.84	-1671.93	-71.68	1180.88	424.87
29581	85.66	7.26	15.47	-542.91	-237.54	-984.02	-123.90	868.06	344.54
29582	86.51	7.27	15.47	-445.35	-190.91	-601.86	-126.21	593.11	258.84
29583	87.36	7.27	15.47	-329.12	-148.66	-378.23	-98.41	373.83	185.28
29584	88.21	7.27	15.47	-223.50	-117.44	-247.41	-66.23	212.98	135.99
29585	89.06	7.27	15.47	-138.36	-93.94	-163.22	-38.09	98.52	106.65
29586	89.91	7.27	15.47	-73.67	-75.55	-96.74	-16.00	17.83	93.41
29587	90.76	7.27	15.47	-25.74	-61.42	-26.58	-1.06	-39.05	94.03
29588	91.61	7.28	15.47	10.15	-53.40	68.08	3.42	-80.40	105.14
29589	78.93	3.95	13.78	-211.42	-216.61	-2988.79	42.21	628.38	-381.55
29590	79.89	3.95	13.78	-195.21	-200.59	-2753.45	62.39	598.53	-357.24
29591	80.85	3.95	13.78	-170.31	-193.00	-2549.03	84.87	585.57	-322.40
29592	81.80	3.96	13.78	-150.48	-201.94	-2360.86	111.28	587.49	-274.88
29593	82.76	3.96	13.78	-130.12	-207.68	-2174.41	131.90	609.90	-205.63
29594	83.72	3.96	13.78	-111.33	-184.86	-1944.01	131.97	661.82	-117.39
29595	84.68	3.96	13.78	-124.49	-153.90	-1651.83	113.67	701.94	-29.97
29596	85.64	3.96	13.78	-198.84	-145.74	-1324.77	72.88	693.40	31.96
29597	86.60	3.96	13.78	-210.56	-126.87	-998.36	48.14	623.05	67.01
29598	87.55	3.96	13.78	-251.87	-117.37	-713.14	21.95	521.38	86.64
29599	88.51	3.97	13.78	-234.52	-104.26	-483.60	7.81	381.47	91.55
29600	89.47	3.97	13.78	-187.17	-92.55	-324.55	2.54	253.71	91.57
29601	90.43	3.97	13.78	-131.13	-81.92	-209.79	1.83	151.65	91.27

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
29602	91.39	3.97	13.78	-77.70	-72.01	-115.12	2.16	74.50	92.28
29603	92.34	3.97	13.78	-32.11	-63.01	-21.19	0.57	15.94	93.91
29604	93.30	3.97	13.78	3.47	-55.43	86.58	-5.22	-34.21	92.98
29605	78.92	5.05	13.78	-210.90	-174.49	-3298.68	20.81	657.39	-183.79
29606	79.86	5.06	13.78	-204.21	-156.76	-3037.58	47.73	628.62	-168.23
29607	80.79	5.06	13.78	-182.19	-151.33	-2826.96	51.49	619.28	-154.45
29608	81.73	5.06	13.78	-147.91	-154.79	-2636.71	65.44	633.64	-137.75
29609	82.67	5.07	13.78	-109.69	-137.68	-2414.86	104.22	695.85	-86.30
29610	83.60	5.07	13.78	-123.88	-122.21	-2124.69	118.60	763.31	-6.33
29611	84.54	5.07	13.78	-169.77	-123.66	-1776.71	93.79	790.00	65.76
29612	85.48	5.08	13.78	-239.37	-122.16	-1408.53	51.58	754.77	112.89
29613	86.41	5.08	13.78	-236.50	-101.88	-1062.53	28.20	665.27	134.44
29614	87.35	5.08	13.78	-273.82	-98.19	-766.00	2.34	555.21	140.70
29615	88.29	5.09	13.78	-252.18	-88.99	-525.58	-8.22	407.64	132.29
29616	89.22	5.09	13.78	-201.37	-79.73	-357.89	-8.79	273.37	121.70
29617	90.16	5.09	13.78	-142.21	-70.85	-236.43	-5.11	165.43	113.68
29618	91.10	5.10	13.78	-85.62	-62.58	-136.79	-1.27	82.78	109.05
29619	92.03	5.10	13.78	-36.52	-55.60	-39.66	-0.41	18.97	106.07
29620	92.97	5.10	13.78	3.13	-50.65	68.98	-4.50	-35.96	100.35
29621	78.91	6.15	13.78	-198.05	-198.04	-3502.63	-9.74	668.41	-7.09
29622	79.82	6.16	13.78	-212.98	-188.29	-3225.98	11.56	638.98	-6.81
29623	80.73	6.16	13.78	-196.97	-182.83	-3031.01	22.93	624.03	-6.79
29624	81.64	6.16	13.78	-123.98	-149.39	-2849.67	57.90	661.99	5.35
29625	82.55	6.17	13.78	-81.97	-112.52	-2606.66	97.68	763.64	54.80
29626	83.46	6.17	13.78	-149.07	-106.05	-2268.51	80.64	847.11	123.72
29627	84.37	6.17	13.78	-215.04	-113.54	-1870.07	37.81	851.76	174.05
29628	85.28	6.18	13.78	-238.85	-97.00	-1480.06	29.49	794.14	195.06
29629	86.19	6.18	13.78	-270.38	-84.00	-1123.86	5.13	708.46	205.73
29630	87.10	6.18	13.78	-290.78	-83.81	-811.02	-22.24	579.32	200.27
29631	88.01	6.19	13.78	-263.98	-76.70	-567.46	-28.61	427.88	176.85
29632	88.92	6.19	13.78	-211.30	-68.33	-394.13	-23.82	290.58	154.28
29633	89.83	6.20	13.78	-150.77	-60.19	-266.87	-15.11	178.90	137.19
29634	90.74	6.20	13.78	-92.32	-53.02	-162.27	-7.07	91.85	125.60
29635	91.65	6.20	13.78	-40.60	-47.62	-61.87	-2.86	23.22	116.80
29636	92.56	6.21	13.78	2.58	-45.11	47.05	-4.38	-36.60	105.27
29637	78.89	7.25	13.78	-181.45	-216.70	-3695.74	-30.57	653.57	94.15
29638	79.77	7.25	13.78	-205.38	-187.94	-3415.81	-2.29	633.75	86.85
29639	80.65	7.25	13.78	-179.72	-156.08	-3225.80	20.69	629.18	94.34
29640	81.52	7.26	13.78	-81.20	-104.90	-3024.81	56.73	705.03	135.46
29641	82.40	7.26	13.78	-66.93	-85.88	-2747.36	66.29	824.84	198.29
29642	83.28	7.26	13.78	-172.33	-85.67	-2368.22	55.54	908.73	256.98
29643	84.16	7.26	13.78	-239.71	-71.44	-1938.09	14.30	889.47	280.11
29644	85.04	7.26	13.78	-226.01	-55.04	-1541.19	3.79	822.07	287.42
29645	85.92	7.26	13.78	-297.44	-74.87	-1178.02	-33.62	742.48	288.48
29646	86.79	7.27	13.78	-302.36	-72.96	-851.33	-50.53	595.42	258.93
29647	87.67	7.27	13.78	-269.55	-66.87	-608.70	-51.06	441.90	221.87
29648	88.55	7.27	13.78	-216.05	-58.56	-432.88	-40.97	304.67	187.75
29649	89.43	7.27	13.78	-155.77	-50.47	-301.10	-27.35	191.61	161.15
29650	90.31	7.27	13.78	-96.98	-43.93	-191.97	-14.98	101.64	141.57
29651	91.18	7.27	13.78	-43.77	-39.94	-88.50	-6.88	29.14	125.71
29652	92.06	7.28	13.78	2.11	-38.66	20.53	-4.72	-34.70	107.76
29653	78.94	3.95	12.09	62.73	-196.72	-2786.79	14.68	558.57	-198.31
29654	79.93	3.95	12.09	26.69	-187.54	-2561.94	41.22	566.45	-187.27
29655	80.91	3.95	12.09	8.06	-177.88	-2356.55	62.70	570.00	-163.19
29656	81.90	3.95	12.09	0.04	-164.81	-2160.10	79.23	580.94	-126.97
29657	82.88	3.96	12.09	-9.65	-148.72	-1952.86	88.91	601.49	-80.74
29658	83.87	3.96	12.09	-33.63	-135.59	-1724.22	89.06	617.60	-30.71
29659	84.86	3.96	12.09	-69.37	-125.07	-1478.83	78.67	614.80	15.11
29660	85.84	3.96	12.09	-99.93	-111.40	-1225.35	64.55	588.57	53.21
29661	86.83	3.96	12.09	-137.27	-102.08	-979.97	45.83	534.32	80.28
29662	87.81	3.96	12.09	-149.33	-92.47	-757.43	31.33	454.81	95.78
29663	88.80	3.96	12.09	-149.49	-85.01	-568.21	19.98	366.09	103.59
29664	89.78	3.97	12.09	-131.45	-77.76	-410.72	12.55	274.89	105.98
29665	90.77	3.97	12.09	-101.56	-70.90	-280.62	7.81	191.31	105.27
29666	91.75	3.97	12.09	-67.13	-64.46	-167.60	4.06	118.47	102.21
29667	92.74	3.97	12.09	-33.32	-58.52	-62.20	0.05	53.91	96.08
29668	93.73	3.97	12.09	-2.27	-53.04	40.32	-4.55	-8.51	85.22
29669	78.93	5.05	12.09	83.26	-125.01	-3022.16	-1.61	556.73	-72.29
29670	79.90	5.05	12.09	41.79	-120.05	-2791.63	23.22	582.65	-72.05
29671	80.86	5.06	12.09	21.45	-112.77	-2572.33	48.13	601.49	-57.13
29672	81.83	5.06	12.09	8.77	-102.73	-2351.92	68.34	627.78	-26.13
29673	82.79	5.06	12.09	-12.73	-96.26	-2115.21	75.69	654.07	13.98
29674	83.76	5.07	12.09	-42.53	-90.75	-1857.66	72.66	669.33	54.54
29675	84.72	5.07	12.09	-80.69	-83.67	-1585.85	63.07	662.90	91.34
29676	85.68	5.07	12.09	-114.75	-78.56	-1309.88	49.05	630.59	120.48
29677	86.65	5.08	12.09	-152.77	-77.44	-1047.01	31.05	567.90	138.17
29678	87.61	5.08	12.09	-161.69	-72.99	-812.69	18.00	480.87	144.52
29679	88.58	5.08	12.09	-159.56	-69.95	-615.35	8.50	387.03	143.90
29680	89.54	5.09	12.09	-139.79	-66.09	-451.40	3.48	291.59	138.62
29681	90.51	5.09	12.09	-108.45	-61.87	-316.31	1.34	204.04	131.17
29682	91.47	5.09	12.09	-72.46	-57.64	-200.00	0.07	127.28	122.15
29683	92.44	5.10	12.09	-36.74	-53.66	-93.47	-1.75	59.00	110.38
29684	93.40	5.10	12.09	-3.35	-49.87	7.78	-4.28	-6.35	93.73
29685	78.92	6.15	12.09	108.36	-71.02	-3212.87	-19.60	540.77	76.33
29686	79.86	6.16	12.09	63.78	-65.34	-2983.03	6.47	585.65	69.15
29687	80.80	6.16	12.09	43.04	-55.74	-2752.03	30.41	623.30	78.54
29688	81.74	6.16	12.09	20.08	-50.55	-2510.30	45.47	663.16	102.06
29689	82.67	6.17	12.09	-10.72	-49.28	-2249.87	49.08	692.74	129.89
29690	83.61	6.17	12.09	-42.16	-47.73	-1970.94	49.75	708.55	158.05
29691	84.55	6.17	12.09	-84.89	-47.11	-1678.35	42.57	702.06	184.65
29692	85.49	6.18	12.09	-129.99	-52.17	-1384.45	22.70	663.10	201.36
29693	86.43	6.18	12.09	-158.67	-55.60	-1109.96	8.55	591.51	204.00
29694	87.37	6.18	12.09	-169.73	-56.12	-869.32	-0.95	502.30	198.22
29695	88.31	6.19	12.09	-165.61	-56.51	-665.27	-7.43	404.53	187.53
29696	89.25	6.19	12.09	-144.87	-55.35	-496.55	-9.10	306.53	173.11
29697	90.18	6.19	12.09	-113.05	-53.28	-357.41	-7.88	216.36	157.68
29698	91.12	6.20	12.09	-76.48	-50.88	-238.38	-5.97	136.64	141.59
29699	92.06	6.20	12.09	-39.70	-48.39	-131.18	-4.81	65.27	123.37
29700	93.00	6.20	12.09	-4.71	-45.91	-31.95	-4.62	-2.72	100.51

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
29701	78.90	7.25	12.09	142.40	-11.39	-3358.80	-40.12	512.46	250.38
29702	79.81	7.25	12.09	95.08	-10.88	-3130.88	-14.80	578.60	235.10
29703	80.72	7.25	12.09	68.87	-6.97	-2887.74	7.43	635.27	237.45
29704	81.63	7.26	12.09	33.35	-8.03	-2628.82	18.29	683.13	249.45
29705	82.53	7.26	12.09	-2.20	-8.67	-2351.47	21.85	715.47	264.88
29706	83.44	7.26	12.09	-35.73	-13.31	-2058.40	15.16	731.99	278.35
29707	84.35	7.26	12.09	-83.83	-24.22	-1751.56	6.95	726.43	288.21
29708	85.26	7.26	12.09	-137.20	-34.52	-1446.65	-9.48	681.09	286.81
29709	86.17	7.26	12.09	-156.37	-36.87	-1167.65	-17.60	604.40	273.70
29710	87.07	7.26	12.09	-170.63	-42.83	-925.37	-24.90	516.38	255.95
29711	87.98	7.27	12.09	-166.02	-45.67	-717.51	-27.04	417.42	233.07
29712	88.89	7.27	12.09	-145.46	-46.37	-545.98	-24.61	318.92	208.55
29713	89.80	7.27	12.09	-114.42	-45.76	-404.19	-19.56	227.85	184.25
29714	90.70	7.27	12.09	-78.49	-44.64	-283.39	-14.05	146.45	160.19
29715	91.61	7.27	12.09	-41.73	-43.28	-176.24	-9.36	73.02	134.76
29716	92.52	7.27	12.09	-6.03	-40.98	-79.36	-5.62	3.47	105.68
29717	78.96	3.95	10.41	261.00	-161.09	-2586.49	1.98	448.94	-38.58
29718	79.97	3.95	10.41	203.00	-155.74	-2388.07	21.23	486.69	-40.01
29719	80.98	3.95	10.41	156.31	-147.97	-2191.05	37.35	513.08	-29.95
29720	81.99	3.95	10.41	116.29	-138.89	-1992.30	48.88	532.58	-11.05
29721	83.01	3.96	10.41	78.03	-129.72	-1788.72	54.72	544.74	13.16
29722	84.02	3.96	10.41	39.90	-120.39	-1579.40	54.91	546.87	39.10
29723	85.03	3.96	10.41	2.32	-111.32	-1365.65	50.65	535.74	63.78
29724	86.05	3.96	10.41	-34.45	-104.17	-1153.67	42.70	507.15	84.20
29725	87.06	3.96	10.41	-61.80	-97.54	-950.93	33.94	461.89	99.12
29726	88.07	3.96	10.41	-81.08	-92.18	-764.36	24.97	403.57	108.49
29727	89.08	3.96	10.41	-86.99	-87.13	-597.68	17.48	336.59	112.70
29728	90.10	3.96	10.41	-82.38	-82.53	-451.81	11.49	267.33	112.86
29729	91.11	3.97	10.41	-69.19	-78.03	-324.06	6.77	199.32	109.59
29730	92.12	3.97	10.41	-50.57	-73.53	-211.01	2.94	134.40	103.06
29731	93.13	3.97	10.41	-29.13	-68.91	-109.72	-0.17	71.98	93.01
29732	94.15	3.97	10.41	-5.86	-63.92	-19.51	-2.34	10.10	79.06
29733	78.95	5.05	10.41	278.23	-99.44	-2738.48	-6.15	436.26	64.92
29734	79.94	5.05	10.41	219.38	-96.48	-2538.53	12.89	488.02	58.04
29735	80.93	5.06	10.41	169.16	-92.77	-2333.07	28.20	526.32	62.99
29736	81.92	5.06	10.41	124.45	-89.27	-2121.44	38.46	553.56	76.10
29737	82.92	5.06	10.41	82.38	-85.69	-1902.84	43.70	570.45	94.06
29738	83.91	5.07	10.41	40.05	-82.87	-1677.65	43.66	574.42	113.82
29739	84.90	5.07	10.41	-1.02	-81.24	-1449.06	38.77	562.05	131.75
29740	85.89	5.07	10.41	-39.29	-80.10	-1224.90	30.74	530.48	144.91
29741	86.89	5.08	10.41	-66.97	-78.71	-1012.74	22.38	482.13	152.46
29742	87.88	5.08	10.41	-86.28	-77.94	-818.86	14.43	420.80	154.63
29743	88.87	5.08	10.41	-91.71	-76.42	-646.67	8.38	351.00	152.03
29744	89.86	5.09	10.41	-86.66	-74.62	-496.84	4.05	279.25	145.82
29745	90.86	5.09	10.41	-73.06	-72.30	-366.48	1.18	208.88	136.60
29746	91.85	5.09	10.41	-53.89	-69.45	-252.31	-0.72	141.70	124.50
29747	92.84	5.09	10.41	-31.66	-66.01	-151.53	-1.88	77.34	109.14
29748	93.83	5.10	10.41	-7.40	-61.69	-63.33	-2.02	14.34	90.00
29749	78.93	6.15	10.41	297.43	-46.35	-2859.11	-16.77	414.61	198.75
29750	79.90	6.15	10.41	238.35	-45.80	-2660.93	-0.57	480.40	184.58
29751	80.87	6.16	10.41	184.28	-46.32	-2450.67	12.61	530.05	181.35
29752	81.84	6.16	10.41	135.81	-47.15	-2230.13	21.52	564.92	185.63
29753	82.80	6.16	10.41	89.73	-48.84	-2000.35	25.73	586.86	194.69
29754	83.77	6.17	10.41	43.06	-51.98	-1763.36	24.01	592.43	204.45
29755	84.74	6.17	10.41	-0.76	-56.02	-1524.87	18.68	578.94	211.09
29756	85.70	6.17	10.41	-38.85	-59.43	-1292.77	12.79	546.20	213.73
29757	86.67	6.18	10.41	-68.92	-62.80	-1074.33	5.46	496.48	211.78
29758	87.64	6.18	10.41	-87.32	-65.55	-875.62	-0.50	433.11	204.67
29759	88.61	6.18	10.41	-93.15	-67.03	-700.18	-4.19	362.29	193.58
29760	89.57	6.19	10.41	-88.34	-67.52	-547.71	-6.10	289.30	179.80
29761	90.54	6.19	10.41	-75.05	-66.97	-415.76	-6.53	217.63	163.70
29762	91.51	6.19	10.41	-56.05	-65.41	-301.21	-5.94	149.07	145.34
29763	92.48	6.20	10.41	-33.73	-62.68	-201.52	-4.61	83.52	124.32
29764	93.44	6.20	10.41	-9.19	-58.66	-115.93	-2.32	19.84	100.02
29765	78.92	7.25	10.41	317.73	-6.38	-2931.69	-28.00	382.73	354.97
29766	79.86	7.25	10.41	258.95	-6.93	-2740.29	-16.68	461.03	332.69
29767	80.79	7.25	10.41	202.15	-10.24	-2531.02	-7.63	520.67	319.27
29768	81.73	7.26	10.41	150.92	-14.77	-2307.20	-1.46	563.12	312.34
29769	82.67	7.26	10.41	100.84	-21.53	-2072.11	0.25	589.63	308.60
29770	83.61	7.26	10.41	50.85	-29.04	-1829.64	-0.99	596.99	305.10
29771	84.54	7.26	10.41	5.26	-36.45	-1587.82	-5.84	583.34	298.74
29772	85.48	7.26	10.41	-32.76	-44.01	-1353.57	-10.54	551.51	288.79
29773	86.42	7.26	10.41	-65.28	-51.60	-1133.42	-15.94	502.27	274.83
29774	87.35	7.26	10.41	-83.19	-56.37	-933.55	-18.74	439.01	256.75
29775	88.29	7.27	10.41	-90.12	-59.96	-757.57	-19.63	369.20	236.34
29776	89.23	7.27	10.41	-86.50	-61.95	-604.40	-18.62	296.73	214.13
29777	90.17	7.27	10.41	-74.44	-62.50	-472.25	-16.18	225.15	190.51
29778	91.10	7.27	10.41	-56.54	-61.67	-358.35	-12.77	156.37	165.41
29779	92.04	7.27	10.41	-34.97	-59.30	-260.43	-8.57	90.66	138.46
29780	92.98	7.27	10.41	-10.89	-54.72	-177.59	-3.41	27.39	109.41
29781	78.97	3.95	8.72	384.40	-142.23	-2363.69	5.09	330.76	66.60
29782	80.01	3.95	8.72	317.31	-139.82	-2194.29	14.89	384.70	59.59
29783	81.05	3.95	8.72	256.51	-135.92	-2016.81	23.42	423.47	59.97
29784	82.09	3.95	8.72	201.19	-131.09	-1833.95	29.57	449.58	66.03
29785	83.13	3.96	8.72	150.33	-125.78	-1647.23	32.82	464.00	75.78
29786	84.17	3.96	8.72	103.18	-120.58	-1458.26	33.12	466.45	87.15
29787	85.21	3.96	8.72	60.00	-115.87	-1270.07	30.77	455.91	98.15
29788	86.25	3.96	8.72	22.77	-111.54	-1086.44	26.68	432.53	107.36
29789	87.29	3.96	8.72	-7.75	-107.83	-911.54	21.57	397.24	113.83
29790	88.33	3.96	8.72	-29.22	-104.41	-748.83	16.40	352.28	117.18
29791	89.37	3.96	8.72	-42.04	-101.24	-600.54	11.60	300.81	117.44
29792	90.41	3.96	8.72	-46.33	-98.02	-467.22	7.52	245.64	114.73
29793	91.45	3.96	8.72	-43.67	-94.62	-348.37	4.25	189.22	109.23
29794	92.49	3.97	8.72	-35.63	-90.83	-243.00	1.85	132.81	101.01
29795	93.53	3.97	8.72	-23.40	-86.44	-150.52	0.49	76.85	90.12
29796	94.57	3.97	8.72	-7.57	-81.19	-71.29	0.48	21.37	76.83
29797	78.96	5.05	8.72	392.16	-103.14	-2452.85	2.33	314.55	160.03
29798	79.98	5.05	8.72	325.99	-102.40	-2286.10	10.29	376.98	148.31
29799	81.00	5.06	8.72	264.60	-101.27	-2107.16	17.43	423.06	143.74

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
29800	82.02	5.06	8.72	207.71	-99.98	-1919.78	22.49	454.90	144.73
29801	83.04	5.06	8.72	154.66	-98.88	-1726.66	24.77	473.08	149.21
29802	84.06	5.07	8.72	105.52	-98.05	-1530.80	24.26	477.39	154.93
29803	85.08	5.07	8.72	60.80	-97.48	-1336.11	21.54	467.43	160.00
29804	86.10	5.07	8.72	22.42	-97.11	-1146.74	17.45	443.80	163.18
29805	87.12	5.07	8.72	-8.82	-96.84	-967.16	12.73	407.70	163.62
29806	88.14	5.08	8.72	-30.68	-96.26	-800.89	8.28	361.75	161.03
29807	89.16	5.08	8.72	-43.79	-95.40	-650.04	4.51	309.24	155.55
29808	90.18	5.08	8.72	-48.28	-93.96	-515.08	1.70	253.01	147.38
29809	91.20	5.09	8.72	-45.74	-91.84	-395.57	-0.12	195.56	136.73
29810	92.22	5.09	8.72	-37.69	-88.87	-290.50	-0.92	138.25	123.69
29811	93.24	5.09	8.72	-25.35	-84.87	-199.27	-0.59	81.70	108.34
29812	94.26	5.10	8.72	-9.37	-79.55	-121.95	1.17	26.24	90.88
29813	78.95	6.15	8.72	398.90	-71.18	-2519.63	-1.45	291.87	272.15
29814	79.94	6.15	8.72	334.48	-71.61	-2358.33	3.31	361.95	255.06
29815	80.94	6.16	8.72	273.36	-72.62	-2180.92	7.86	414.89	244.14
29816	81.94	6.16	8.72	215.39	-74.38	-1992.14	10.91	452.25	238.03
29817	82.93	6.16	8.72	160.75	-76.77	-1795.96	11.79	474.09	234.70
29818	83.93	6.17	8.72	110.15	-79.56	-1596.57	10.73	480.62	232.31
29819	84.92	6.17	8.72	64.27	-82.52	-1398.43	8.01	471.92	229.36
29820	85.92	6.17	8.72	24.70	-85.50	-1206.27	4.19	448.72	224.46
29821	86.92	6.18	8.72	-6.83	-87.98	-1024.61	0.54	412.81	217.05
29822	87.91	6.18	8.72	-29.50	-89.74	-856.88	-2.61	367.08	207.17
29823	88.91	6.18	8.72	-43.11	-90.65	-705.06	-4.83	314.55	194.91
29824	89.90	6.19	8.72	-48.26	-90.54	-569.76	-5.90	258.28	180.49
29825	90.90	6.19	8.72	-46.34	-89.31	-450.52	-5.88	200.69	164.14
29826	91.89	6.19	8.72	-38.81	-86.83	-346.45	-4.76	143.30	145.96
29827	92.89	6.19	8.72	-26.91	-82.83	-256.92	-2.45	86.90	126.11
29828	93.89	6.20	8.72	-11.39	-77.18	-181.92	1.25	31.88	104.71
29829	78.93	7.25	8.72	403.42	-51.08	-2553.81	-5.51	262.50	396.07
29830	79.90	7.25	8.72	341.98	-52.13	-2401.30	-5.19	338.46	373.39
29831	80.87	7.25	8.72	282.18	-54.50	-2229.41	-4.16	397.11	355.27
29832	81.83	7.25	8.72	224.04	-58.28	-2043.78	-3.75	439.20	340.59
29833	82.80	7.26	8.72	168.83	-62.90	-1849.33	-4.39	464.60	327.98
29834	83.77	7.26	8.72	117.46	-68.18	-1651.11	-6.41	473.73	315.84
29835	84.73	7.26	8.72	70.95	-73.62	-1453.88	-8.98	467.10	303.04
29836	85.70	7.26	8.72	30.62	-78.55	-1262.85	-11.91	445.41	288.67
29837	86.67	7.26	8.72	-1.16	-82.55	-1082.48	-14.15	411.12	272.41
29838	87.63	7.26	8.72	-24.86	-85.78	-916.01	-15.68	367.03	254.36
29839	88.60	7.26	8.72	-39.36	-87.64	-765.34	-15.94	315.91	234.62
29840	89.57	7.27	8.72	-45.69	-88.16	-631.31	-14.99	260.90	213.52
29841	90.53	7.27	8.72	-45.01	-87.25	-513.53	-12.91	204.31	191.20
29842	91.50	7.27	8.72	-38.65	-84.80	-411.28	-9.70	147.81	167.75
29843	92.47	7.27	8.72	-27.80	-80.56	-323.90	-5.26	92.47	143.38
29844	93.43	7.27	8.72	-13.30	-74.00	-251.16	0.56	38.92	118.64
29845	78.98	3.95	7.03	447.66	-141.86	-2134.39	13.80	219.52	122.09
29846	80.05	3.95	7.03	379.62	-140.75	-1992.55	16.30	279.07	113.33
29847	81.12	3.95	7.03	314.93	-138.81	-1838.65	18.87	324.27	109.00
29848	82.19	3.95	7.03	254.48	-136.35	-1676.97	20.72	356.12	108.30
29849	83.25	3.96	7.03	198.62	-133.68	-1510.89	21.37	375.32	110.11
29850	84.32	3.96	7.03	147.70	-131.03	-1343.44	20.66	382.23	113.23
29851	85.39	3.96	7.03	102.35	-128.52	-1177.64	18.76	377.33	116.56
29852	86.45	3.96	7.03	63.18	-126.24	-1016.54	15.97	361.32	119.18
29853	87.52	3.96	7.03	31.16	-124.10	-862.95	12.74	335.45	120.47
29854	88.59	3.96	7.03	6.53	-122.03	-719.18	9.46	301.48	120.03
29855	89.65	3.96	7.03	-10.52	-119.83	-586.71	6.48	261.38	117.67
29856	90.72	3.96	7.03	-20.61	-117.34	-466.30	4.06	217.12	113.33
29857	91.79	3.96	7.03	-24.53	-114.35	-358.08	2.36	170.35	107.01
29858	92.86	3.97	7.03	-23.27	-110.69	-262.00	1.55	122.35	98.79
29859	93.92	3.97	7.03	-17.63	-106.19	-178.12	1.76	74.17	88.87
29860	94.99	3.97	7.03	-7.99	-100.66	-106.86	3.22	26.69	77.69
29861	78.97	5.05	7.03	446.46	-122.49	-2187.03	15.62	204.33	205.64
29862	80.02	5.05	7.03	380.86	-122.01	-2049.32	15.79	268.23	193.17
29863	81.07	5.06	7.03	317.35	-121.45	-1897.27	16.44	317.68	184.75
29864	82.12	5.06	7.03	257.15	-120.94	-1735.62	16.75	353.14	179.64
29865	83.17	5.06	7.03	201.01	-120.56	-1568.35	16.21	375.11	176.78
29866	84.21	5.06	7.03	149.54	-120.33	-1399.09	14.68	383.97	175.03
29867	85.26	5.07	7.03	103.57	-120.21	-1231.33	12.30	380.30	173.36
29868	86.31	5.07	7.03	63.86	-120.11	-1068.48	9.38	364.97	170.91
29869	87.36	5.07	7.03	31.37	-119.84	-913.54	6.37	339.46	167.14
29870	88.41	5.08	7.03	6.32	-119.29	-768.85	3.61	305.61	161.74
29871	89.46	5.08	7.03	-11.10	-118.22	-635.98	1.42	265.48	154.59
29872	90.50	5.08	7.03	-21.52	-116.50	-515.68	0.00	221.12	145.67
29873	91.55	5.08	7.03	-25.73	-113.93	-408.07	-0.51	174.24	135.04
29874	92.60	5.09	7.03	-24.70	-110.35	-313.06	-0.02	126.22	122.84
29875	93.65	5.09	7.03	-19.29	-105.65	-230.60	1.58	78.23	109.34
29876	94.70	5.09	7.03	-9.94	-99.62	-160.84	4.45	31.32	94.91
29877	78.96	6.15	7.03	442.71	-108.63	-2224.81	17.02	184.52	299.00
29878	79.99	6.15	7.03	380.43	-108.54	-2093.14	14.08	251.91	282.67
29879	81.01	6.16	7.03	318.90	-109.03	-1945.17	12.19	305.00	269.53
29880	82.04	6.16	7.03	259.71	-110.02	-1786.00	10.52	343.74	259.01
29881	83.06	6.16	7.03	203.92	-111.43	-1620.08	8.58	368.44	250.29
29882	84.08	6.17	7.03	152.42	-113.10	-1451.53	6.18	379.42	242.39
29883	85.11	6.17	7.03	106.24	-114.81	-1284.25	3.45	377.35	234.42
29884	86.13	6.17	7.03	66.32	-116.30	-1121.87	0.70	363.32	225.76
29885	87.16	6.17	7.03	33.40	-117.39	-967.50	-1.82	338.87	215.97
29886	88.18	6.18	7.03	7.97	-117.83	-823.56	-3.74	305.92	204.81
29887	89.21	6.18	7.03	-10.01	-117.46	-691.62	-4.85	266.59	192.25
29888	90.23	6.18	7.03	-21.01	-116.10	-572.46	-5.02	222.91	178.31
29889	91.26	6.19	7.03	-25.84	-113.60	-466.25	-4.16	176.65	163.09
29890	92.28	6.19	7.03	-25.42	-109.83	-372.82	-2.21	129.32	146.79
29891	93.31	6.19	7.03	-20.67	-104.62	-292.06	0.86	82.18	129.78
29892	94.33	6.19	7.03	-12.09	-97.96	-224.07	5.15	36.20	112.39
29893	78.95	7.25	7.03	435.71	-103.22	-2242.81	18.34	160.31	397.38
29894	79.94	7.25	7.03	377.71	-103.12	-2119.21	11.78	229.73	377.38
29895	80.94	7.25	7.03	319.11	-104.06	-1978.02	6.86	285.40	359.28
29896	81.94	7.25	7.03	261.89	-105.80	-1824.37	2.88	326.80	342.84
29897	82.93	7.26	7.03	207.26	-108.17	-1663.05	-0.69	354.00	327.51
29898	83.93	7.26	7.03	156.47	-110.82	-1498.45	-3.95	367.25	312.65

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
29899	84.93	7.26	7.03	110.63	-113.45	-1334.73	-6.94	367.26	297.64
29900	85.92	7.26	7.03	70.82	-115.73	-1175.60	-9.41	355.26	282.06
29901	86.92	7.26	7.03	37.65	-117.37	-1024.21	-11.22	332.75	265.63
29902	87.91	7.26	7.03	11.82	-118.08	-883.00	-12.10	301.67	248.26
29903	88.91	7.26	7.03	-6.88	-117.77	-753.58	-11.99	264.15	229.99
29904	89.91	7.26	7.03	-18.77	-116.23	-636.76	-10.78	222.10	210.87
29905	90.90	7.27	7.03	-24.60	-113.37	-532.78	-8.48	177.35	191.00
29906	91.90	7.27	7.03	-25.24	-109.09	-441.48	-5.08	131.48	170.61
29907	92.90	7.27	7.03	-21.56	-103.25	-362.66	-0.53	85.92	150.11
29908	93.89	7.27	7.03	-14.16	-95.59	-296.22	5.18	41.84	130.39
29909	79.00	3.95	5.34	467.64	-149.68	-1915.56	23.16	120.51	141.77
29910	80.09	3.95	5.34	402.18	-148.63	-1796.13	20.80	180.72	133.56
29911	81.19	3.95	5.34	338.80	-147.34	-1663.88	19.16	228.85	127.84
29912	82.28	3.95	5.34	278.77	-145.94	-1523.10	17.72	264.81	124.31
29913	83.37	3.95	5.34	222.99	-144.57	-1377.48	16.10	288.83	122.42
29914	84.47	3.96	5.34	172.17	-143.31	-1230.26	14.15	301.35	121.55
29915	85.56	3.96	5.34	126.91	-142.20	-1084.38	11.85	302.98	121.08
29916	86.66	3.96	5.34	87.80	-141.19	-942.50	9.32	294.61	120.45
29917	87.75	3.96	5.34	55.21	-140.21	-806.87	6.78	277.39	119.24
29918	88.85	3.96	5.34	29.34	-139.10	-679.30	4.46	252.71	117.14
29919	89.94	3.96	5.34	10.05	-137.71	-561.05	2.58	222.05	113.96
29920	91.04	3.96	5.34	-3.06	-135.80	-452.87	1.36	186.89	109.57
29921	92.13	3.96	5.34	-10.62	-133.19	-355.14	0.97	148.59	103.92
29922	93.22	3.96	5.34	-13.31	-129.66	-267.94	1.51	108.38	97.00
29923	94.32	3.97	5.34	-11.80	-125.08	-191.14	3.03	67.46	88.93
29924	95.41	3.97	5.34	-6.85	-119.58	-125.34	5.39	27.64	80.30
29925	78.99	5.05	5.34	460.30	-144.15	-1948.88	28.55	108.15	215.31
29926	80.06	5.05	5.34	397.74	-143.26	-1833.50	23.63	170.20	204.23
29927	81.14	5.06	5.34	336.41	-142.54	-1704.29	19.86	220.45	195.24
29928	82.22	5.06	5.34	277.69	-142.05	-1565.58	16.69	258.50	188.12
29929	83.29	5.06	5.34	222.65	-141.78	-1421.28	13.72	284.40	182.41
29930	84.37	5.06	5.34	172.18	-141.69	-1274.89	10.79	298.50	177.55
29931	85.44	5.07	5.34	127.03	-141.71	-1129.62	7.88	301.41	172.98
29932	86.52	5.07	5.34	87.86	-141.69	-988.29	5.09	294.07	168.24
29933	87.60	5.07	5.34	55.12	-141.48	-853.31	2.60	277.69	162.94
29934	88.67	5.07	5.34	29.05	-140.90	-726.56	0.63	253.69	156.85
29935	89.75	5.08	5.34	9.52	-139.75	-609.34	-0.65	223.60	149.81
29936	90.82	5.08	5.34	-3.84	-137.82	-502.44	-1.05	188.92	141.74
29937	91.90	5.08	5.34	-11.63	-134.92	-406.15	-0.45	151.05	132.62
29938	92.98	5.08	5.34	-14.58	-130.86	-320.47	1.20	111.27	122.50
29939	94.05	5.09	5.34	-13.39	-125.60	-245.12	3.85	70.82	111.54
29940	95.13	5.09	5.34	-8.84	-119.31	-180.37	7.29	31.65	100.32
29941	78.98	6.15	5.34	449.61	-143.15	-1972.94	33.70	92.49	293.76
29942	80.03	6.15	5.34	390.77	-142.25	-1862.93	25.93	155.60	279.89
29943	81.08	6.16	5.34	332.27	-141.86	-1738.37	19.75	207.38	267.44
29944	82.14	6.16	5.34	275.57	-141.94	-1603.55	14.64	247.17	256.33
29945	83.19	6.16	5.34	221.91	-142.38	-1462.49	10.22	274.80	246.25
29946	84.24	6.16	5.34	172.34	-143.04	-1318.88	6.31	290.54	236.77
29947	85.30	6.17	5.34	127.72	-143.73	-1176.07	2.86	294.98	227.49
29948	86.35	6.17	5.34	88.80	-144.23	-1037.02	-0.07	289.07	218.04
29949	87.40	6.17	5.34	56.11	-144.34	-904.22	-2.33	274.02	208.15
29950	88.45	6.18	5.34	29.88	-143.84	-779.60	-3.79	251.27	197.64
29951	89.51	6.18	5.34	10.07	-142.53	-664.51	-4.31	222.35	186.42
29952	90.56	6.18	5.34	-3.66	-140.20	-559.70	-3.78	188.74	174.43
29953	91.61	6.18	5.34	-11.90	-136.70	-465.46	-2.12	151.87	161.67
29954	92.67	6.19	5.34	-15.37	-131.87	-381.65	0.65	113.07	148.25
29955	93.72	6.19	5.34	-14.81	-125.67	-307.86	4.41	73.66	134.46
29956	94.77	6.19	5.34	-11.04	-118.50	-244.27	8.83	35.39	120.84
29957	78.96	7.25	5.34	435.23	-148.07	-1985.98	38.67	73.78	374.01
29958	79.99	7.25	5.34	380.91	-146.96	-1882.62	27.95	136.86	357.61
29959	81.01	7.25	5.34	326.05	-146.53	-1764.44	19.24	189.35	341.76
29960	82.04	7.25	5.34	272.17	-146.68	-1635.56	12.09	230.31	326.55
29961	83.07	7.26	5.34	220.62	-147.25	-1499.96	6.17	259.42	311.86
29962	84.09	7.26	5.34	172.56	-148.03	-1361.37	1.26	276.81	297.48
29963	85.12	7.26	5.34	129.00	-148.74	-1223.18	-2.67	283.04	283.17
29964	86.14	7.26	5.34	90.71	-149.13	-1088.40	-5.64	278.98	268.72
29965	87.17	7.26	5.34	58.29	-148.92	-959.52	-7.57	265.84	253.98
29966	88.19	7.26	5.34	32.00	-147.94	-838.50	-8.44	244.99	238.86
29967	89.22	7.26	5.34	11.89	-145.96	-726.67	-8.15	217.92	223.32
29968	90.25	7.26	5.34	-2.38	-142.81	-624.82	-6.65	186.07	207.36
29969	91.27	7.26	5.34	-11.30	-138.36	-533.18	-3.97	150.83	190.96
29970	92.30	7.27	5.34	-15.56	-132.55	-451.56	-0.17	113.60	174.24
29971	93.32	7.27	5.34	-15.90	-125.35	-379.38	4.60	75.80	157.54
29972	94.35	7.27	5.34	-13.18	-117.06	-316.50	9.89	39.35	142.08
29973	64.44	3.97	17.16	25.69	-179.99	39.96	-36.86	69.69	13.78
29974	65.34	3.97	17.16	65.19	-205.72	-29.61	-39.81	56.27	1.96
29975	66.25	3.97	17.16	67.28	-236.27	-59.69	-38.74	13.82	7.56
29976	67.15	3.97	17.16	7.95	-280.74	-88.33	-29.05	-56.64	21.13
29977	68.06	3.97	17.16	-154.82	-348.46	-143.67	-3.02	-175.72	42.72
29978	68.96	3.97	17.16	-500.76	-455.17	-275.56	52.76	-402.89	79.66
29979	69.86	3.97	17.16	-1191.55	-638.10	-622.99	162.50	-897.91	152.53
29980	70.77	3.96	17.16	-2559.99	-975.09	-1605.25	377.81	-2119.56	306.95
29981	71.67	3.96	17.16	-5475.57	-2183.97	-7668.54	718.98	-5905.14	836.68
29982	72.58	3.96	17.16	-1453.13	-1909.66	-12034.40	-51.90	-580.36	193.92
29983	73.48	3.96	17.16	-1342.47	-1307.46	-9306.69	-51.25	417.11	-17.98
29984	74.38	3.96	17.16	-1384.51	-968.08	-8179.57	-30.62	624.36	-136.14
29985	75.29	3.96	17.16	-1264.10	-845.13	-7375.14	-21.30	673.37	-234.93
29986	76.19	3.95	17.16	-1107.15	-781.93	-6716.64	51.13	751.55	-293.34
29987	77.09	3.95	17.16	-1037.10	-670.53	-6245.39	118.51	823.39	-284.72
29988	78.00	3.95	17.16	-997.41	-556.93	-5859.07	97.63	827.55	-241.52
29989	64.79	5.11	17.16	16.92	-173.90	41.92	-53.62	72.74	8.03
29990	65.67	5.11	17.16	52.21	-196.02	-31.49	-62.87	57.14	-3.51
29991	66.55	5.10	17.16	49.84	-223.40	-64.76	-66.37	12.87	5.50
29992	67.44	5.10	17.16	-13.43	-266.10	-95.97	-58.54	-60.07	25.75
29993	68.32	5.09	17.16	-178.02	-334.63	-153.78	-29.43	-182.50	59.58
29994	69.20	5.09	17.16	-520.17	-447.26	-287.95	39.65	-412.87	121.94
29995	70.08	5.09	17.16	-1194.45	-641.86	-634.59	186.97	-907.07	257.35
29996	70.96	5.08	17.16	-2541.99	-1032.22	-1600.05	484.50	-2125.04	599.76
29997	71.84	5.08	17.16	-5574.59	-2296.88	-8002.50	1091.56	-6314.60	1394.91



Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
29998	72.72	5.07	17.16	-1529.75	-1930.73	-12824.70	-47.59	-743.91	506.45
29999	73.60	5.07	17.16	-1289.90	-1514.27	-8319.30	-9.97	1431.87	1029.14
30000	74.48	5.07	17.16	-964.38	-1120.85	-5166.44	-15.99	290.66	1834.16
30001	75.37	5.06	17.16	-1071.27	-1063.91	-5798.42	-39.99	-430.31	927.72
30002	76.25	5.06	17.16	-882.67	-997.94	-6461.91	-5.79	657.14	55.12
30003	77.13	5.06	17.16	-1182.96	-965.88	-5027.53	-42.42	1577.10	612.29
30004	78.01	5.05	17.16	-764.26	-829.50	-3511.44	-127.51	788.23	1379.82
30005	65.23	6.21	17.16	4.31	-166.09	44.06	-69.77	75.78	1.71
30006	66.08	6.21	17.16	33.63	-182.53	-33.09	-84.72	57.28	-9.26
30007	66.94	6.20	17.16	25.75	-205.24	-70.29	-91.70	11.78	3.15
30008	67.79	6.20	17.16	-40.33	-243.77	-104.18	-84.59	-62.05	30.73
30009	68.64	6.20	17.16	-199.63	-310.16	-162.85	-51.11	-183.19	78.35
30010	69.49	6.19	17.16	-513.56	-424.93	-292.21	33.63	-401.59	168.62
30011	70.35	6.19	17.16	-1092.85	-636.43	-603.54	223.49	-837.13	371.15
30012	71.20	6.18	17.16	-2125.18	-1058.22	-1469.94	660.62	-1797.69	917.15
30013	72.05	6.18	17.16	-3928.27	-2626.02	-5216.04	1611.37	-4065.04	3342.58
30014	72.91	6.18	17.16	-3287.86	-2940.72	-10301.80	898.94	-2904.61	2925.76
30015	73.76	6.17	17.16	-1271.15	-1576.89	-9376.59	-242.87	1175.48	-767.12
30016	74.61	6.17	17.16	-811.97	-837.46	-4577.58	45.94	1133.08	-1076.62
30017	75.46	6.16	17.16	-974.81	-907.66	-4806.82	102.71	-1442.53	127.48
30018	76.32	6.16	17.16	-786.27	-1194.51	-6988.82	15.60	606.96	49.74
30019	77.17	6.16	17.16	-1392.92	-862.77	-4400.58	-37.28	2523.95	-7.93
30020	78.02	6.15	17.16	-468.55	-288.09	-1395.08	18.03	845.02	158.93
30021	65.75	7.28	17.16	-11.66	-154.76	47.40	-85.76	77.17	-4.35
30022	66.57	7.28	17.16	9.66	-165.92	-34.23	-104.62	56.58	-15.59
30023	67.39	7.27	17.16	-3.98	-182.18	-75.85	-113.83	10.90	0.10
30024	68.21	7.27	17.16	-69.96	-214.40	-112.25	-107.10	-61.28	34.62
30025	69.03	7.27	17.16	-214.49	-275.38	-169.56	-71.87	-174.39	93.77
30026	69.85	7.27	17.16	-476.68	-387.11	-285.24	13.80	-362.00	200.57
30027	70.67	7.27	17.16	-906.88	-590.59	-537.73	186.81	-688.76	409.80
30028	71.49	7.27	17.16	-1539.86	-1004.81	-1137.33	465.32	-1233.34	837.08
30029	72.31	7.26	17.16	-2292.08	-1291.22	-1990.17	591.82	-1866.52	885.55
30030	73.12	7.26	17.16	-4908.70	-2407.82	-7445.73	1109.92	-5463.83	1462.87
30031	73.94	7.26	17.16	-1382.45	-1818.84	-11901.60	-209.28	-403.70	440.39
30032	74.76	7.26	17.16	-1141.91	-1135.26	-7335.68	-61.31	2026.00	-301.94
30033	75.58	7.26	17.16	-1042.74	-958.56	-5452.10	52.72	-1255.40	68.51
30034	76.40	7.25	17.16	-839.39	-1247.48	-7417.67	13.72	620.30	7.37
30035	77.22	7.25	17.16	-1479.50	-904.77	-4802.25	-1.39	2782.29	-92.08
30036	78.04	7.25	17.16	-547.94	-231.64	-1540.38	24.60	967.51	2.34
30037	64.02	3.97	15.47	-22.50	-19.29	63.84	3.49	18.23	35.78
30038	64.95	3.97	15.47	-123.10	-58.89	-100.41	10.59	-64.69	48.54
30039	65.88	3.97	15.47	-263.45	-98.76	-211.18	32.20	-181.87	69.34
30040	66.81	3.97	15.47	-452.07	-142.09	-330.95	63.91	-363.89	103.66
30041	67.74	3.97	15.47	-701.67	-194.26	-525.98	104.83	-648.10	156.35
30042	68.67	3.97	15.47	-1013.12	-263.69	-904.08	151.97	-1092.09	235.77
30043	69.61	3.96	15.47	-1326.21	-364.21	-1688.04	189.35	-1765.80	351.10
30044	70.54	3.96	15.47	-1368.12	-530.69	-3426.51	159.53	-2627.37	490.82
30045	71.47	3.96	15.47	134.04	-487.96	-5317.10	-100.93	-2189.11	418.69
30046	72.40	3.96	15.47	120.73	-654.10	-6622.65	-152.37	-1287.97	236.99
30047	73.33	3.96	15.47	-193.80	-582.79	-6788.22	-191.59	157.48	-48.51
30048	74.26	3.96	15.47	-463.46	-331.13	-5826.12	-159.28	593.11	-286.86
30049	75.19	3.96	15.47	-538.93	-232.07	-5148.40	-104.45	644.09	-506.72
30050	76.12	3.95	15.47	-511.96	-198.97	-4685.73	13.95	697.94	-638.80
30051	77.05	3.95	15.47	-508.40	-107.72	-4221.51	121.47	756.06	-600.40
30052	77.98	3.95	15.47	-513.91	-6.99	-3773.69	125.86	720.67	-489.36
30053	64.36	5.11	15.47	-24.88	-12.67	62.31	2.62	15.20	29.18
30054	65.27	5.10	15.47	-128.83	-49.45	-109.26	13.41	-71.21	50.78
30055	66.18	5.10	15.47	-270.17	-89.19	-227.76	42.56	-191.63	82.44
30056	67.09	5.10	15.47	-456.98	-133.96	-354.30	86.84	-375.57	132.98
30057	68.00	5.09	15.47	-700.17	-188.57	-554.24	147.21	-658.67	211.82
30058	68.91	5.09	15.47	-998.83	-260.15	-932.32	223.83	-1094.24	335.62
30059	69.81	5.08	15.47	-1297.35	-357.42	-1699.48	302.67	-1745.74	529.91
30060	70.72	5.08	15.47	-1352.50	-489.94	-3381.01	310.54	-2584.41	797.30
30061	71.63	5.08	15.47	144.39	-317.52	-5114.13	-14.86	-2123.21	860.99
30062	72.54	5.07	15.47	144.12	-510.64	-6352.09	-129.93	-1408.03	742.44
30063	73.45	5.07	15.47	-227.93	-795.58	-6880.25	-104.46	-117.87	317.95
30064	74.36	5.07	15.47	-674.08	-769.42	-6213.58	-107.61	482.78	88.73
30065	75.27	5.06	15.47	-514.41	-561.31	-5453.84	-181.40	531.06	67.24
30066	76.18	5.06	15.47	-354.90	-468.74	-5007.47	-32.50	665.77	4.78
30067	77.09	5.06	15.47	-451.03	-384.22	-4527.20	163.37	883.25	3.08
30068	78.00	5.05	15.47	-721.02	-303.20	-3909.23	124.03	902.34	103.02
30069	64.79	6.21	15.47	-27.53	-5.72	59.54	3.01	10.12	22.48
30070	65.67	6.21	15.47	-133.57	-40.20	-119.24	18.18	-79.55	53.49
30071	66.55	6.20	15.47	-272.56	-81.37	-246.35	55.28	-201.23	96.38
30072	67.43	6.20	15.47	-450.94	-130.66	-379.41	111.74	-382.15	163.56
30073	68.31	6.19	15.47	-674.91	-194.24	-580.05	189.82	-652.75	268.45
30074	69.19	6.19	15.47	-936.89	-282.33	-941.74	291.63	-1053.61	434.35
30075	70.08	6.19	15.47	-1180.27	-409.17	-1641.31	406.81	-1622.09	698.23
30076	70.96	6.18	15.47	-1207.22	-587.65	-3003.39	466.12	-2282.93	1101.58
30077	71.84	6.18	15.47	-410.64	-491.82	-4736.97	74.10	-2275.81	1136.05
30078	72.72	6.18	15.47	267.12	-429.43	-5970.96	-501.57	-1444.98	897.08
30079	73.60	6.17	15.47	-67.55	-823.86	-6468.72	-351.32	-482.12	654.82
30080	74.48	6.17	15.47	-679.54	-1030.66	-6292.38	-111.75	221.37	270.51
30081	75.36	6.16	15.47	-511.48	-844.15	-5568.10	-68.04	534.51	50.99
30082	76.25	6.16	15.47	-152.71	-623.49	-4924.73	-21.65	650.87	49.42
30083	77.13	6.16	15.47	-349.00	-650.88	-4420.80	77.47	981.38	122.11
30084	78.01	6.15	15.47	-928.02	-715.18	-3666.58	40.29	1038.41	227.72
30085	65.29	7.28	15.47	-29.94	1.45	55.67	4.12	1.49	15.95
30086	66.14	7.27	15.47	-136.02	-32.61	-130.43	24.38	-89.65	55.61
30087	66.99	7.27	15.47	-269.02	-76.06	-266.36	68.08	-209.68	109.40
30088	67.84	7.27	15.47	-432.84	-131.99	-404.81	132.61	-381.82	191.01
30089	68.69	7.27	15.47	-628.88	-207.45	-600.47	218.37	-628.62	314.74
30090	69.54	7.27	15.47	-845.68	-313.68	-928.95	321.46	-974.83	501.57
30091	70.39	7.27	15.47	-1039.40	-464.36	-1511.27	415.95	-1431.89	775.61
30092	71.24	7.26	15.47	-1114.91	-639.77	-2495.18	411.51	-1944.15	1102.70
30093	72.08	7.26	15.47	-1055.75	-903.34	-4233.60	236.48	-2442.71	1439.04
30094	72.93	7.26	15.47	255.75	-608.94	-5603.46	-366.63	-1610.68	1156.64
30095	73.78	7.26	15.47	127.21	-522.79	-6155.46	-336.51	-945.54	581.92
30096	74.63	7.26	15.47	-403.96	-714.42	-6548.33	-228.85	-178.48	141.05

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
30097	75.48	7.26	15.47	-480.07	-781.36	-6089.52	-69.30	551.25	-51.74
30098	76.33	7.25	15.47	-122.52	-613.94	-5202.69	-54.24	714.72	-25.01
30099	77.18	7.25	15.47	-338.08	-624.61	-4525.88	-24.11	1031.30	-21.64
30100	78.03	7.25	15.47	-985.11	-681.66	-3670.59	-8.88	1058.88	-28.59
30101	63.60	3.97	13.78	-39.75	72.59	-90.27	32.07	-88.88	48.27
30102	64.56	3.97	13.78	-141.68	36.21	-248.80	42.83	-227.86	92.34
30103	65.51	3.97	13.78	-257.80	-0.58	-414.80	61.12	-376.35	130.53
30104	66.47	3.97	13.78	-381.02	-38.15	-621.24	83.95	-568.24	172.77
30105	67.43	3.97	13.78	-492.96	-77.99	-921.82	105.73	-822.72	224.79
30106	68.39	3.97	13.78	-550.49	-121.81	-1389.79	116.48	-1135.17	287.32
30107	69.35	3.96	13.78	-470.15	-168.92	-2105.08	99.17	-1439.39	350.54
30108	70.30	3.96	13.78	-139.08	-191.43	-2954.03	34.28	-1506.32	377.75
30109	71.26	3.96	13.78	7.92	-247.70	-3829.40	-30.18	-1393.28	366.25
30110	72.22	3.96	13.78	358.10	-256.63	-4535.96	-149.44	-1000.95	269.89
30111	73.18	3.96	13.78	447.42	-318.27	-4898.41	-215.59	-426.18	87.83
30112	74.14	3.96	13.78	266.02	-365.49	-4827.50	-212.81	155.39	-111.81
30113	75.10	3.96	13.78	76.81	-326.61	-4431.81	-156.61	469.40	-258.24
30114	76.05	3.95	13.78	-49.09	-275.97	-4005.53	-88.02	604.48	-346.08
30115	77.01	3.95	13.78	-133.42	-249.55	-3620.32	-24.55	657.77	-390.03
30116	77.97	3.95	13.78	-191.97	-233.14	-3277.34	21.47	659.70	-396.19
30117	63.93	5.10	13.78	-37.55	77.03	-110.33	40.28	-97.25	45.96
30118	64.87	5.10	13.78	-138.77	42.63	-274.20	57.08	-238.44	105.93
30119	65.80	5.10	13.78	-252.52	6.39	-447.01	83.04	-389.09	159.86
30120	66.74	5.09	13.78	-371.56	-31.58	-659.12	115.54	-580.27	220.45
30121	67.68	5.09	13.78	-478.11	-71.84	-961.11	148.41	-829.07	296.15
30122	68.61	5.09	13.78	-532.05	-114.55	-1421.10	169.73	-1129.52	389.84
30123	69.55	5.08	13.78	-458.34	-156.64	-2110.55	157.26	-1419.05	490.40
30124	70.49	5.08	13.78	-153.19	-170.59	-2913.17	83.36	-1484.88	550.10
30125	71.42	5.08	13.78	-60.49	-245.11	-3760.50	7.76	-1420.45	559.43
30126	72.36	5.07	13.78	263.73	-239.19	-4492.82	-121.99	-1102.39	487.59
30127	73.30	5.07	13.78	414.47	-207.43	-4935.88	-233.71	-605.75	332.92
30128	74.23	5.07	13.78	337.88	-236.58	-5011.45	-217.74	-33.84	111.65
30129	75.17	5.06	13.78	122.67	-255.31	-4733.49	-129.38	368.39	-47.76
30130	76.11	5.06	13.78	-22.65	-219.85	-4320.85	-86.29	551.85	-114.10
30131	77.04	5.06	13.78	-111.78	-196.33	-3935.37	-58.18	628.71	-154.57
30132	77.98	5.05	13.78	-171.81	-187.06	-3600.18	-11.31	652.55	-182.22
30133	64.34	6.21	13.78	-33.93	81.09	-135.76	49.59	-108.40	43.69
30134	65.25	6.20	13.78	-132.53	47.80	-304.16	72.48	-250.60	119.32
30135	66.16	6.20	13.78	-240.85	10.84	-483.22	105.78	-401.12	189.02
30136	67.07	6.20	13.78	-351.64	-29.46	-699.11	146.89	-587.18	267.77
30137	67.98	6.19	13.78	-448.21	-73.36	-996.75	189.08	-822.53	365.93
30138	68.89	6.19	13.78	-496.07	-119.83	-1434.75	218.60	-1099.49	487.57
30139	69.80	6.18	13.78	-437.21	-162.30	-2066.78	208.84	-1363.55	621.16
30140	70.71	6.18	13.78	-215.34	-174.24	-2838.93	117.05	-1474.48	698.25
30141	71.62	6.18	13.78	-14.78	-213.95	-3627.66	23.46	-1392.72	722.64
30142	72.53	6.17	13.78	149.66	-258.80	-4345.89	-11.67	-1161.74	694.61
30143	73.44	6.17	13.78	327.53	-206.94	-4867.02	-175.50	-748.56	571.12
30144	74.35	6.17	13.78	387.28	-196.08	-5057.06	-247.97	-222.61	373.22
30145	75.26	6.16	13.78	199.18	-243.42	-4904.25	-179.43	246.11	191.64
30146	76.17	6.16	13.78	-9.50	-262.33	-4523.01	-107.66	504.34	92.19
30147	77.08	6.16	13.78	-100.15	-230.98	-4121.45	-70.84	585.08	41.87
30148	77.99	6.15	13.78	-143.81	-208.29	-3804.39	-33.54	621.38	6.60
30149	64.84	7.28	13.78	-28.91	84.58	-167.50	59.67	-123.19	42.18
30150	65.72	7.27	13.78	-122.19	50.66	-339.22	88.34	-264.00	131.97
30151	66.59	7.27	13.78	-222.09	12.21	-522.83	127.56	-411.35	216.82
30152	67.47	7.27	13.78	-321.48	-31.58	-739.45	174.50	-587.77	311.81
30153	68.35	7.27	13.78	-405.89	-80.36	-1026.44	221.70	-803.26	427.43
30154	69.23	7.27	13.78	-449.05	-131.73	-1430.43	254.69	-1049.96	567.13
30155	70.11	7.27	13.78	-413.66	-176.91	-1993.27	249.59	-1289.74	717.19
30156	70.98	7.26	13.78	-269.41	-204.00	-2729.21	186.98	-1446.62	843.52
30157	71.86	7.26	13.78	44.45	-147.84	-3453.33	53.39	-1346.93	867.74
30158	72.74	7.26	13.78	63.85	-194.21	-4121.89	-12.33	-1180.22	862.70
30159	73.62	7.26	13.78	238.80	-213.68	-4682.17	-163.62	-860.57	790.72
30160	74.50	7.26	13.78	387.33	-177.98	-4970.74	-223.76	-409.32	604.68
30161	75.38	7.26	13.78	291.36	-175.03	-4959.66	-213.96	68.10	396.68
30162	76.25	7.25	13.78	45.44	-220.47	-4679.54	-146.60	412.78	242.42
30163	77.13	7.25	13.78	-71.78	-225.30	-4295.58	-104.03	527.54	165.41
30164	78.01	7.25	13.78	-121.44	-226.95	-3992.76	-67.41	580.98	119.25
30165	63.18	3.97	12.09	-44.22	106.11	-336.51	48.87	-160.40	66.56
30166	64.16	3.97	12.09	-108.42	74.22	-424.44	65.95	-295.40	121.18
30167	65.15	3.97	12.09	-154.61	43.40	-579.91	80.51	-428.66	166.58
30168	66.13	3.97	12.09	-185.79	12.71	-803.66	92.94	-578.80	208.29
30169	67.12	3.97	12.09	-187.22	-17.41	-1108.98	99.65	-747.50	249.37
30170	68.10	3.96	12.09	-138.27	-46.66	-1510.97	95.27	-914.51	288.63
30171	69.09	3.96	12.09	-23.80	-73.07	-1996.38	74.65	-1031.42	318.63
30172	70.07	3.96	12.09	111.70	-104.02	-2542.35	39.79	-1073.41	331.97
30173	71.06	3.96	12.09	317.86	-126.82	-3079.25	-15.95	-981.39	312.78
30174	72.04	3.96	12.09	445.53	-156.95	-3522.18	-65.17	-759.50	259.09
30175	73.03	3.96	12.09	526.42	-172.06	-3798.59	-108.20	-459.86	177.26
30176	74.02	3.96	12.09	526.98	-188.12	-3885.56	-127.13	-129.90	73.71
30177	75.00	3.95	12.09	431.29	-209.10	-3788.55	-117.58	167.72	-29.45
30178	75.99	3.95	12.09	307.45	-215.65	-3562.15	-88.83	367.09	-110.05
30179	76.97	3.95	12.09	199.67	-211.44	-3294.91	-53.99	477.93	-162.77
30180	77.96	3.95	12.09	119.24	-204.77	-3032.14	-18.92	533.68	-191.49
30181	63.50	5.10	12.09	-39.61	109.63	-377.14	62.03	-170.22	70.48
30182	64.46	5.10	12.09	-101.12	77.78	-470.11	85.67	-305.85	141.78
30183	65.43	5.09	12.09	-145.33	47.10	-628.67	106.34	-440.45	203.36
30184	66.39	5.09	12.09	-174.76	16.70	-852.75	124.59	-589.62	261.69
30185	67.36	5.09	12.09	-175.97	-12.42	-1153.73	136.26	-753.90	320.51
30186	68.32	5.08	12.09	-130.83	-39.14	-1544.49	134.78	-914.46	378.59
30187	69.29	5.08	12.09	-27.21	-60.85	-2012.23	113.83	-1028.51	427.23
30188	70.25	5.08	12.09	91.70	-85.57	-2541.57	76.21	-1078.94	458.45
30189	71.22	5.07	12.09	288.11	-92.01	-3071.42	15.73	-1005.66	455.84
30190	72.18	5.07	12.09	411.78	-108.39	-3524.24	-42.52	-809.24	412.76
30191	73.14	5.07	12.09	492.85	-124.87	-3831.12	-89.52	-534.75	337.09
30192	74.11	5.06	12.09	505.14	-127.13	-3966.93	-125.96	-227.24	240.37
30193	75.07	5.06	12.09	445.03	-130.76	-3932.76	-130.30	67.07	130.87
30194	76.04	5.06	12.09	333.50	-138.06	-3761.79	-100.42	293.45	37.39
30195	77.00	5.05	12.09	225.60	-136.13	-3521.17	-64.12	433.21	-22.38

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
30196	77.97	5.05	12.09	142.43	-130.45	-3267.10	-32.95	512.99	-56.71
30197	63.90	6.20	12.09	-32.95	111.76	-426.09	75.75	-182.46	74.36
30198	64.84	6.20	12.09	-90.34	79.32	-523.84	105.27	-317.32	160.96
30199	65.78	6.20	12.09	-130.92	48.10	-684.35	131.43	-451.26	238.06
30200	66.72	6.19	12.09	-157.02	17.20	-906.32	154.83	-596.69	312.59
30201	67.65	6.19	12.09	-157.17	-12.07	-1198.46	170.89	-753.00	388.42
30202	68.59	6.19	12.09	-116.65	-37.79	-1570.86	172.36	-903.65	464.18
30203	69.53	6.18	12.09	-26.89	-57.19	-2016.20	152.24	-1014.88	529.84
30204	70.47	6.18	12.09	91.06	-74.60	-2512.29	117.08	-1060.40	580.84
30205	71.41	6.18	12.09	239.71	-79.56	-3020.45	60.42	-1013.38	602.92
30206	72.35	6.17	12.09	382.39	-72.45	-3472.84	-24.47	-849.41	575.80
30207	73.29	6.17	12.09	466.00	-78.79	-3802.92	-71.00	-600.48	506.89
30208	74.23	6.17	12.09	480.35	-76.52	-3980.14	-104.77	-315.27	418.87
30209	75.16	6.16	12.09	448.73	-69.01	-4003.11	-123.70	-36.07	318.15
30210	76.10	6.16	12.09	363.10	-70.05	-3893.53	-110.59	205.98	220.23
30211	77.04	6.16	12.09	254.60	-75.95	-3691.34	-80.95	376.68	147.48
30212	77.98	6.15	12.09	168.74	-75.28	-3451.28	-50.86	479.61	101.48
30213	64.38	7.27	12.09	-24.77	112.18	-484.49	89.96	-197.68	79.30
30214	65.29	7.27	12.09	-75.91	78.15	-586.14	124.22	-329.33	178.54
30215	66.20	7.27	12.09	-111.26	45.76	-746.49	154.80	-460.11	269.79
30216	67.10	7.27	12.09	-132.82	13.73	-963.02	182.09	-598.96	358.93
30217	68.01	7.27	12.09	-131.38	-16.31	-1241.61	201.40	-744.18	449.49
30218	68.92	7.27	12.09	-95.73	-42.00	-1590.07	205.76	-882.37	540.25
30219	69.83	7.26	12.09	-18.39	-60.41	-2006.08	189.06	-987.32	623.81
30220	70.73	7.26	12.09	97.77	-67.43	-2459.26	149.40	-1024.33	687.02
30221	71.64	7.26	12.09	197.19	-83.73	-2932.29	100.97	-999.45	729.04
30222	72.55	7.26	12.09	351.86	-69.10	-3373.91	24.17	-871.56	725.79
30223	73.46	7.26	12.09	437.10	-48.77	-3717.64	-31.87	-649.30	678.74
30224	74.37	7.26	12.09	456.50	-37.37	-3924.35	-84.75	-390.09	608.92
30225	75.27	7.26	12.09	440.42	-27.77	-3995.60	-111.25	-131.54	518.78
30226	76.18	7.25	12.09	385.89	-17.72	-3945.46	-114.44	108.24	424.21
30227	77.09	7.25	12.09	287.87	-17.85	-3795.90	-93.24	302.31	341.89
30228	78.00	7.25	12.09	203.99	-13.97	-3583.90	-66.59	430.33	284.90
30229	62.75	3.97	10.41	-42.95	112.64	-544.30	65.24	-186.58	100.69
30230	63.77	3.97	10.41	-45.12	83.63	-555.03	87.01	-264.91	148.06
30231	64.78	3.97	10.41	-30.28	53.80	-673.41	102.30	-354.54	187.56
30232	65.79	3.97	10.41	11.61	26.85	-876.87	109.35	-456.52	221.12
30233	66.80	3.96	10.41	70.18	1.10	-1151.08	109.25	-570.31	251.56
30234	67.82	3.96	10.41	146.56	-22.96	-1479.60	101.47	-677.03	277.92
30235	68.83	3.96	10.41	239.96	-45.77	-1848.48	85.17	-754.36	297.24
30236	69.84	3.96	10.41	355.54	-65.60	-2232.56	59.23	-773.88	304.22
30237	70.85	3.96	10.41	462.10	-85.44	-2598.93	28.49	-723.07	295.35
30238	71.87	3.96	10.41	559.36	-102.49	-2908.42	-5.70	-600.47	267.85
30239	72.88	3.96	10.41	612.27	-120.97	-3126.40	-34.38	-417.87	222.49
30240	73.89	3.96	10.41	616.02	-136.24	-3231.15	-53.77	-209.78	166.12
30241	74.91	3.95	10.41	577.31	-147.69	-3226.90	-60.46	-6.32	105.69
30242	75.92	3.95	10.41	503.58	-157.46	-3131.91	-54.11	169.43	49.54
30243	76.93	3.95	10.41	416.17	-162.98	-2974.01	-38.39	301.32	5.25
30244	77.94	3.95	10.41	332.58	-163.74	-2785.02	-18.42	390.85	-23.96
30245	63.07	5.10	10.41	-36.01	118.45	-603.48	82.62	-196.73	112.37
30246	64.06	5.09	10.41	-36.85	86.76	-621.84	110.46	-277.14	174.31
30247	65.05	5.09	10.41	-22.84	54.99	-740.38	131.22	-369.14	228.11
30248	66.04	5.09	10.41	16.03	27.08	-938.48	142.47	-471.18	275.41
30249	67.04	5.09	10.41	70.89	1.81	-1203.26	145.16	-581.99	319.20
30250	68.03	5.08	10.41	142.17	-20.30	-1519.64	138.55	-684.82	358.55
30251	69.02	5.08	10.41	228.79	-39.58	-1875.07	121.76	-760.14	390.40
30252	70.01	5.08	10.41	336.90	-53.47	-2246.49	93.53	-781.65	409.07
30253	71.01	5.07	10.41	435.51	-66.83	-2604.62	58.16	-738.81	410.23
30254	72.00	5.07	10.41	529.10	-75.14	-2915.20	18.27	-630.02	390.68
30255	72.99	5.07	10.41	585.30	-81.38	-3146.90	-18.00	-462.39	349.83
30256	73.98	5.06	10.41	597.76	-88.25	-3275.59	-42.56	-264.23	294.14
30257	74.98	5.06	10.41	568.15	-93.28	-3300.49	-55.26	-64.83	233.13
30258	75.97	5.06	10.41	507.45	-96.60	-3235.78	-55.55	113.88	173.33
30259	76.96	5.05	10.41	428.97	-99.65	-3103.83	-43.82	257.82	122.22
30260	77.95	5.05	10.41	349.20	-100.65	-2930.65	-25.41	362.88	85.85
30261	63.46	6.20	10.41	-26.80	121.50	-670.71	99.28	-208.62	121.98
30262	64.42	6.20	10.41	-25.79	87.38	-698.57	132.01	-290.46	197.22
30263	65.39	6.19	10.41	-11.96	53.75	-817.28	157.44	-383.59	264.76
30264	66.36	6.19	10.41	23.96	24.73	-1008.19	172.77	-484.27	325.64
30265	67.33	6.19	10.41	74.77	-0.43	-1260.04	178.45	-590.25	382.57
30266	68.29	6.18	10.41	140.43	-21.21	-1559.67	173.59	-687.13	434.71
30267	69.26	6.18	10.41	220.77	-37.51	-1894.64	157.58	-757.15	479.54
30268	70.23	6.18	10.41	315.86	-47.88	-2247.09	128.50	-780.99	510.95
30269	71.20	6.17	10.41	412.40	-53.99	-2590.18	89.48	-744.52	522.99
30270	72.16	6.17	10.41	495.65	-57.48	-2894.11	50.41	-648.08	515.08
30271	73.13	6.17	10.41	553.55	-54.98	-3131.07	7.45	-498.63	486.47
30272	74.10	6.16	10.41	575.10	-52.57	-3279.12	-25.62	-314.90	438.13
30273	75.06	6.16	10.41	555.53	-50.81	-3331.33	-44.58	-122.47	380.05
30274	76.03	6.16	10.41	507.05	-48.65	-3296.64	-51.22	55.31	321.18
30275	77.00	6.15	10.41	440.63	-47.01	-3193.24	-45.86	207.16	267.84
30276	77.97	6.15	10.41	366.50	-46.71	-3040.78	-32.47	326.41	226.23
30277	63.92	7.27	10.41	-16.20	120.81	-746.62	115.30	-222.60	132.40
30278	64.86	7.27	10.41	-11.99	84.65	-784.89	151.21	-304.12	217.57
30279	65.80	7.27	10.41	2.35	49.46	-903.04	180.28	-396.73	297.12
30280	66.73	7.27	10.41	35.48	19.37	-1084.60	199.11	-494.36	370.25
30281	67.67	7.27	10.41	82.11	-5.86	-1320.06	207.54	-593.65	439.14
30282	68.61	7.27	10.41	142.15	-25.86	-1598.24	204.66	-682.32	503.17
30283	69.55	7.26	10.41	215.71	-40.10	-1906.92	189.55	-744.82	559.40
30284	70.48	7.26	10.41	297.39	-49.59	-2233.49	162.82	-768.94	604.27
30285	71.42	7.26	10.41	390.89	-48.50	-2554.08	123.07	-737.86	630.40
30286	72.36	7.26	10.41	463.55	-45.81	-2842.21	81.09	-652.24	636.13
30287	73.30	7.26	10.41	521.06	-39.93	-3074.83	36.09	-522.17	620.74
30288	74.23	7.26	10.41	548.76	-30.85	-3234.81	0.21	-355.89	584.89
30289	75.17	7.26	10.41	540.18	-21.48	-3309.27	-26.66	-175.03	537.04
30290	76.11	7.25	10.41	502.82	-14.46	-3302.26	-40.87	-1.76	483.91
30291	77.04	7.25	10.41	449.24	-8.82	-3226.76	-44.37	152.64	432.65
30292	77.98	7.25	10.41	383.06	-6.96	-3098.16	-38.46	281.82	388.36
30293	62.33	3.97	8.72	20.88	124.61	-627.37	87.48	-153.59	161.87
30294	63.37	3.97	8.72	40.26	86.43	-576.98	121.49	-146.47	186.72

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
30295	64.41	3.97	8.72	162.80	60.22	-681.63	130.52	-162.20	201.43
30296	65.45	3.96	8.72	266.70	29.83	-895.42	130.26	-246.41	220.53
30297	66.49	3.96	8.72	348.03	0.41	-1152.97	125.54	-356.15	241.51
30298	67.53	3.96	8.72	417.38	-25.92	-1432.85	116.83	-460.19	260.82
30299	68.57	3.96	8.72	484.46	-48.30	-1722.59	103.37	-536.13	275.15
30300	69.61	3.96	8.72	549.40	-67.39	-2009.21	85.34	-569.82	281.88
30301	70.65	3.96	8.72	611.73	-83.27	-2275.20	63.23	-552.83	278.77
30302	71.69	3.96	8.72	659.10	-97.29	-2500.92	39.97	-485.17	264.86
30303	72.73	3.96	8.72	685.71	-109.11	-2668.18	18.03	-376.21	240.88
30304	73.77	3.96	8.72	684.03	-119.76	-2765.42	0.70	-239.78	208.97
30305	74.81	3.95	8.72	653.31	-128.84	-2789.34	-10.18	-94.74	173.16
30306	75.85	3.95	8.72	599.81	-135.62	-2747.16	-14.06	42.65	137.70
30307	76.89	3.95	8.72	531.29	-140.27	-2652.20	-11.57	161.83	106.40
30308	77.93	3.95	8.72	457.04	-142.50	-2519.63	-4.46	257.67	82.19
30309	62.64	5.10	8.72	29.66	138.19	-712.02	111.25	-165.40	183.38
30310	63.66	5.09	8.72	47.76	91.54	-669.78	152.06	-167.66	220.76
30311	64.68	5.09	8.72	159.44	58.62	-767.38	165.59	-188.95	246.06
30312	65.70	5.09	8.72	256.24	25.21	-967.48	168.04	-270.60	275.39
30313	66.72	5.08	8.72	332.96	-4.74	-1211.21	164.78	-375.14	306.25
30314	67.74	5.08	8.72	398.62	-29.74	-1477.63	156.21	-473.88	334.91
30315	68.76	5.08	8.72	462.07	-49.32	-1754.54	141.48	-546.05	357.92
30316	69.78	5.07	8.72	523.26	-64.63	-2029.96	120.78	-578.91	372.45
30317	70.80	5.07	8.72	582.88	-75.55	-2288.13	95.00	-564.57	376.01
30318	71.82	5.07	8.72	629.22	-83.91	-2511.02	67.13	-502.38	367.34
30319	72.84	5.07	8.72	657.45	-90.05	-2681.44	40.11	-400.60	347.06
30320	73.86	5.06	8.72	660.42	-94.44	-2788.27	17.02	-271.14	316.94
30321	74.88	5.06	8.72	637.15	-97.91	-2826.73	0.93	-130.09	280.66
30322	75.90	5.06	8.72	591.32	-100.56	-2800.97	-7.44	7.29	243.20
30323	76.92	5.05	8.72	530.23	-102.20	-2721.46	-8.89	130.16	208.72
30324	77.94	5.05	8.72	461.58	-103.12	-2601.22	-4.94	232.94	180.25
30325	63.01	6.20	8.72	40.01	147.44	-802.80	132.92	-180.30	195.56
30326	64.01	6.19	8.72	56.75	93.90	-773.79	178.35	-192.12	247.84
30327	65.01	6.19	8.72	156.06	54.91	-866.35	196.32	-219.32	286.17
30328	66.00	6.19	8.72	244.45	18.82	-1051.18	202.28	-297.62	326.64
30329	67.00	6.19	8.72	315.56	-11.53	-1277.66	201.18	-395.19	367.30
30330	67.99	6.18	8.72	376.97	-35.34	-1526.13	193.29	-486.28	405.01
30331	68.99	6.18	8.72	436.01	-52.79	-1785.49	177.90	-552.78	436.62
30332	69.98	6.18	8.72	494.24	-64.83	-2044.48	155.51	-582.78	459.47
30333	70.98	6.17	8.72	549.37	-72.15	-2289.43	127.65	-570.17	471.42
30334	71.98	6.17	8.72	595.31	-75.45	-2504.39	95.72	-513.85	470.35
30335	72.97	6.17	8.72	624.56	-76.68	-2673.87	65.02	-419.81	456.23
30336	73.97	6.16	8.72	631.85	-76.01	-2786.64	37.57	-298.82	431.48
30337	74.96	6.16	8.72	616.06	-74.51	-2837.36	16.15	-164.24	398.92
30338	75.96	6.16	8.72	578.74	-73.06	-2827.41	2.40	-29.21	362.80
30339	76.96	6.15	8.72	525.73	-71.95	-2764.04	-4.16	95.18	327.60
30340	77.95	6.15	8.72	463.95	-71.30	-2657.92	-4.80	202.97	296.53
30341	63.47	7.27	8.72	49.76	147.81	-895.68	150.09	-196.78	203.47
30342	64.43	7.27	8.72	67.08	92.01	-886.83	197.61	-217.59	269.99
30343	65.40	7.27	8.72	153.50	48.83	-977.24	220.41	-251.42	321.69
30344	66.37	7.27	8.72	232.01	11.05	-1145.67	230.72	-326.01	372.67
30345	67.33	7.27	8.72	296.41	-19.30	-1351.51	232.25	-414.94	422.15
30346	68.30	7.26	8.72	353.11	-42.23	-1577.75	225.36	-496.18	467.93
30347	69.27	7.26	8.72	407.77	-58.53	-1814.86	210.11	-554.81	507.81
30348	70.23	7.26	8.72	463.06	-68.43	-2052.43	186.82	-580.15	539.01
30349	71.20	7.26	8.72	513.66	-74.08	-2278.71	157.97	-567.87	559.57
30350	72.17	7.26	8.72	558.56	-74.86	-2480.25	124.67	-517.07	567.60
30351	73.13	7.26	8.72	588.25	-72.26	-2643.43	91.29	-431.05	562.56
30352	74.10	7.26	8.72	599.49	-67.83	-2756.96	59.87	-319.78	545.92
30353	75.07	7.25	8.72	590.36	-62.82	-2815.77	34.11	-193.76	519.90
30354	76.03	7.25	8.72	561.75	-57.93	-2818.94	14.95	-64.09	488.43
30355	77.00	7.25	8.72	517.16	-54.23	-2770.97	2.81	58.90	455.24
30356	77.97	7.25	8.72	463.05	-51.76	-2679.75	-3.52	168.82	423.67
30357	61.91	3.97	7.03	57.05	133.42	-454.05	154.18	-45.56	278.90
30358	62.98	3.97	7.03	436.20	143.97	-407.46	161.07	240.76	216.55
30359	64.04	3.97	7.03	635.20	96.12	-690.37	148.24	149.41	201.10
30360	65.11	3.96	7.03	709.48	45.49	-951.62	139.22	-13.04	207.95
30361	66.18	3.96	7.03	732.38	0.26	-1193.27	133.28	-171.97	222.87
30362	67.25	3.96	7.03	738.02	-36.37	-1424.05	127.11	-302.85	238.20
30363	68.31	3.96	7.03	741.20	-64.49	-1647.16	118.26	-395.92	250.13
30364	69.38	3.96	7.03	747.21	-85.43	-1859.23	105.70	-446.51	256.65
30365	70.45	3.96	7.03	753.93	-101.03	-2052.29	89.99	-453.70	256.74
30366	71.51	3.96	7.03	757.40	-112.67	-2215.86	72.36	-420.18	250.05
30367	72.58	3.96	7.03	751.24	-121.66	-2339.76	54.75	-352.29	236.96
30368	73.65	3.96	7.03	731.36	-128.59	-2416.42	38.92	-259.95	218.73
30369	74.72	3.95	7.03	695.84	-133.97	-2442.92	26.38	-154.25	197.21
30370	75.78	3.95	7.03	645.67	-137.98	-2421.02	17.91	-46.20	174.74
30371	76.85	3.95	7.03	584.57	-140.59	-2356.71	13.49	55.33	153.62
30372	77.92	3.95	7.03	517.11	-141.86	-2258.29	12.47	144.77	135.65
30373	62.20	5.09	7.03	-39.12	163.72	-590.89	196.28	-65.31	325.49
30374	63.25	5.09	7.03	417.16	147.83	-533.61	204.99	191.94	260.80
30375	64.30	5.09	7.03	605.26	89.51	-784.35	191.42	108.92	248.39
30376	65.35	5.08	7.03	676.48	33.19	-1025.56	182.91	-43.21	262.28
30377	66.40	5.08	7.03	698.38	-13.34	-1251.94	177.65	-193.62	284.74
30378	67.44	5.08	7.03	703.43	-48.44	-1469.71	170.99	-317.86	306.89
30379	68.49	5.08	7.03	706.13	-73.64	-1681.28	160.21	-406.24	324.84
30380	69.54	5.07	7.03	711.93	-91.04	-1883.42	144.58	-454.39	336.70
30381	70.59	5.07	7.03	718.89	-102.89	-2068.80	124.95	-461.53	341.39
30382	71.64	5.07	7.03	723.57	-110.65	-2227.81	102.88	-430.21	338.41
30383	72.69	5.06	7.03	719.96	-115.68	-2350.96	80.52	-365.92	327.95
30384	73.73	5.06	7.03	704.13	-118.88	-2430.68	59.94	-277.48	311.17
30385	74.78	5.06	7.03	673.85	-120.84	-2463.50	42.71	-174.95	289.93
30386	75.83	5.06	7.03	629.72	-121.98	-2450.05	29.86	-68.36	266.51
30387	76.88	5.05	7.03	574.48	-122.57	-2394.78	21.53	33.84	243.37
30388	77.93	5.05	7.03	512.09	-122.71	-2304.54	17.13	125.80	222.56
30389	62.57	6.19	7.03	-16.36	199.25	-740.59	235.22	-93.71	346.23
30390	63.59	6.19	7.03	392.40	149.37	-676.49	246.10	130.36	293.65
30391	64.62	6.19	7.03	565.55	78.19	-892.97	234.15	57.42	292.46
30392	65.64	6.19	7.03	631.92	17.34	-1111.57	227.65	-82.17	315.97
30393	66.67	6.18	7.03	652.37	-28.70	-1319.50	222.85	-221.11	345.50

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
30394	67.69	6.18	7.03	657.46	-61.25	-1520.74	214.77	-335.57	373.31
30395	68.72	6.18	7.03	661.05	-83.40	-1717.04	201.30	-416.45	396.52
30396	69.74	6.17	7.03	667.68	-97.90	-1905.53	182.38	-460.17	413.59
30397	70.77	6.17	7.03	676.18	-106.82	-2079.60	159.04	-466.06	423.34
30398	71.79	6.17	7.03	682.56	-111.75	-2230.63	133.28	-436.41	425.17
30399	72.82	6.17	7.03	682.08	-113.72	-2349.87	106.83	-376.09	419.07
30400	73.84	6.16	7.03	670.71	-113.87	-2430.20	81.99	-292.46	405.72
30401	74.86	6.16	7.03	646.16	-112.97	-2467.62	60.43	-194.38	386.82
30402	75.89	6.16	7.03	608.62	-111.62	-2461.77	43.17	-90.84	364.53
30403	76.91	6.15	7.03	560.04	-110.28	-2415.62	30.56	10.42	341.13
30404	77.94	6.15	7.03	503.57	-109.23	-2334.46	22.15	103.46	318.72
30405	63.01	7.27	7.03	2.39	224.25	-885.89	267.63	-134.70	340.82
30406	64.00	7.27	7.03	357.86	143.03	-829.47	280.95	56.69	318.16
30407	65.00	7.27	7.03	512.66	62.85	-1016.18	273.99	-7.47	336.22
30408	66.00	7.27	7.03	572.46	1.26	-1210.29	270.25	-132.25	368.85
30409	66.99	7.26	7.03	592.24	-42.25	-1396.13	264.87	-255.41	402.94
30410	67.99	7.26	7.03	599.51	-72.03	-1577.13	254.22	-355.86	434.57
30411	68.99	7.26	7.03	606.31	-92.11	-1754.59	237.60	-425.94	462.05
30412	69.98	7.26	7.03	615.68	-105.20	-1925.84	215.74	-462.93	484.07
30413	70.98	7.26	7.03	627.00	-112.69	-2084.97	189.60	-466.20	499.26
30414	71.97	7.26	7.03	635.89	-116.13	-2224.33	161.04	-437.54	506.70
30415	72.97	7.26	7.03	638.90	-116.58	-2336.08	131.70	-381.24	506.07
30416	73.97	7.26	7.03	632.05	-115.00	-2413.81	103.69	-303.13	497.77
30417	74.96	7.25	7.03	613.36	-112.26	-2453.18	78.40	-210.79	483.07
30418	75.96	7.25	7.03	582.52	-109.23	-2453.12	57.11	-111.97	463.70
30419	76.96	7.25	7.03	540.99	-106.42	-2415.23	40.20	-13.64	441.75
30420	77.95	7.25	7.03	491.03	-104.36	-2343.37	27.53	78.50	419.12
30421	61.49	3.97	5.34	1943.35	446.01	546.30	194.40	1136.26	370.12
30422	62.58	3.97	5.34	1787.18	280.45	-503.73	136.99	646.50	224.56
30423	63.68	3.96	5.34	1553.28	172.32	-873.21	122.73	286.55	196.43
30424	64.77	3.96	5.34	1355.63	81.28	-1104.05	119.89	33.48	196.49
30425	65.86	3.96	5.34	1200.72	8.33	-1286.17	122.70	-148.85	205.32
30426	66.96	3.96	5.34	1082.15	-45.67	-1451.04	125.47	-279.66	215.47
30427	68.05	3.96	5.34	993.14	-83.16	-1607.60	124.34	-367.33	223.62
30428	69.15	3.96	5.34	927.04	-108.23	-1755.45	118.16	-415.78	228.32
30429	70.24	3.96	5.34	877.11	-124.58	-1889.69	107.57	-427.88	228.99
30430	71.34	3.96	5.34	836.16	-135.10	-2003.56	94.03	-407.24	225.47
30431	72.43	3.96	5.34	797.86	-141.77	-2090.23	79.20	-359.05	217.99
30432	73.53	3.95	5.34	756.99	-145.96	-2144.30	64.64	-289.92	207.16
30433	74.62	3.95	5.34	710.37	-148.48	-2162.85	51.58	-207.49	193.98
30434	75.71	3.95	5.34	656.91	-149.87	-2145.83	40.81	-119.34	179.65
30435	76.81	3.95	5.34	597.30	-150.43	-2095.82	32.63	-32.16	165.47
30436	77.90	3.95	5.34	533.44	-150.32	-2017.27	26.90	48.90	152.55
30437	61.77	5.09	5.34	1865.93	423.45	309.79	265.42	1052.20	469.38
30438	62.85	5.09	5.34	1715.70	282.84	-627.50	185.52	592.85	278.65
30439	63.92	5.08	5.34	1495.11	165.10	-965.48	162.79	252.97	242.74
30440	65.00	5.08	5.34	1306.50	61.85	-1175.72	162.03	12.23	247.42
30441	66.08	5.08	5.34	1155.02	-15.68	-1343.09	169.07	-162.81	262.70
30442	67.15	5.08	5.34	1037.33	-67.84	-1496.02	173.24	-288.76	278.28
30443	68.23	5.07	5.34	949.12	-101.15	-1642.36	170.44	-373.02	290.80
30444	69.30	5.07	5.34	884.43	-121.90	-1781.45	160.78	-419.45	299.16
30445	70.38	5.07	5.34	836.58	-134.43	-1908.66	145.85	-431.06	302.95
30446	71.46	5.07	5.34	798.34	-141.66	-2017.58	127.66	-411.39	301.98
30447	72.53	5.06	5.34	763.43	-145.46	-2101.71	108.11	-365.28	296.39
30448	73.61	5.06	5.34	726.65	-147.08	-2155.81	88.90	-298.77	286.69
30449	74.68	5.06	5.34	684.72	-147.40	-2176.70	71.39	-218.83	273.81
30450	75.76	5.06	5.34	636.27	-146.95	-2163.79	56.44	-132.49	258.97
30451	76.84	5.05	5.34	581.63	-146.12	-2118.91	44.43	-46.08	243.48
30452	77.91	5.05	5.34	522.30	-145.14	-2045.68	35.27	35.32	228.57
30453	62.13	6.19	5.34	1771.83	431.42	16.59	340.49	933.48	543.04
30454	63.18	6.19	5.34	1626.18	289.20	-770.20	233.96	522.81	315.68
30455	64.23	6.19	5.34	1420.08	144.35	-1067.95	209.28	210.70	283.79
30456	65.29	6.18	5.34	1236.33	28.41	-1255.27	216.39	-16.12	298.63
30457	66.34	6.18	5.34	1086.37	-46.40	-1406.23	225.96	-182.12	320.64
30458	67.39	6.18	5.34	971.41	-91.70	-1545.43	226.95	-300.75	340.38
30459	68.45	6.18	5.34	887.39	-119.09	-1679.47	218.74	-379.24	356.20
30460	69.50	6.17	5.34	827.52	-135.54	-1807.53	203.42	-421.89	367.75
30461	70.55	6.17	5.34	784.36	-145.00	-1925.28	183.27	-431.95	374.71
30462	71.61	6.17	5.34	750.82	-149.84	-2026.90	160.25	-412.83	376.78
30463	72.66	6.16	5.34	720.66	-151.64	-2106.39	136.24	-368.90	373.88
30464	73.71	6.16	5.34	688.98	-151.47	-2158.73	112.79	-305.58	366.36
30465	74.76	6.16	5.34	652.57	-150.15	-2180.68	91.15	-229.03	354.98
30466	75.82	6.16	5.34	609.88	-148.28	-2171.18	72.21	-145.60	340.80
30467	76.87	6.15	5.34	560.98	-146.31	-2131.31	56.39	-61.15	325.09
30468	77.92	6.15	5.34	506.97	-144.54	-2063.89	43.66	19.44	309.02
30469	62.55	7.27	5.34	1662.70	477.70	-300.29	414.60	774.73	555.25
30470	63.58	7.27	5.34	1511.27	280.70	-923.33	294.01	430.21	339.44
30471	64.60	7.27	5.34	1304.83	97.13	-1178.12	282.15	148.56	330.71
30472	65.63	7.26	5.34	1123.15	-13.45	-1341.20	290.91	-60.08	354.91
30473	66.65	7.26	5.34	981.50	-74.36	-1474.92	291.09	-211.11	379.05
30474	67.68	7.26	5.34	878.42	-110.29	-1599.24	281.01	-317.22	399.92
30475	68.71	7.26	5.34	806.15	-132.76	-1719.36	263.78	-386.36	417.63
30476	69.73	7.26	5.34	756.36	-146.77	-1834.37	241.69	-422.97	431.84
30477	70.76	7.26	5.34	721.36	-155.02	-1940.44	216.38	-430.15	441.94
30478	71.78	7.26	5.34	694.68	-159.15	-2032.41	189.23	-410.99	447.37
30479	72.81	7.26	5.34	670.59	-160.32	-2104.95	161.61	-369.22	447.79
30480	73.83	7.26	5.34	644.86	-159.50	-2153.43	134.73	-309.53	443.30
30481	74.86	7.25	5.34	614.51	-157.47	-2174.70	109.72	-237.20	434.39
30482	75.89	7.25	5.34	578.07	-154.86	-2167.37	87.33	-157.81	421.94
30483	76.91	7.25	5.34	535.38	-152.21	-2131.90	68.03	-76.62	407.01
30484	77.94	7.25	5.34	487.28	-149.86	-2070.37	51.89	1.80	390.69
30485	90.68	8.10	17.16	33.28	-90.21	28.47	17.96	-80.00	55.81
30486	90.28	8.70	17.16	32.63	-83.35	28.06	19.97	-86.35	54.32
30487	89.89	8.10	17.16	77.13	-114.46	-9.41	14.71	-62.41	28.51
30488	89.52	8.70	17.16	74.66	-106.88	-10.92	20.04	-65.70	26.90
30489	89.10	8.10	17.16	104.81	-136.55	-32.30	10.13	-37.94	22.81
30490	88.75	8.70	17.16	100.73	-128.94	-35.67	18.44	-39.79	21.74
30491	88.31	8.10	17.16	110.14	-163.02	-51.40	0.60	-3.24	30.26
30492	87.99	8.70	17.16	105.51	-155.71	-55.74	11.84	-3.27	30.39

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
30493	87.52	8.10	17.16	84.02	-200.79	-76.14	-18.38	47.34	49.33
30494	87.23	8.70	17.16	79.89	-193.57	-81.64	-3.50	47.00	49.70
30495	86.73	8.10	17.16	12.84	-258.42	-118.95	-52.98	124.21	83.45
30496	86.46	8.70	17.16	10.86	-250.71	-124.60	-32.40	122.48	83.35
30497	85.94	8.10	17.16	-125.96	-349.47	-202.49	-108.22	247.43	139.77
30498	85.70	8.70	17.16	-128.70	-331.48	-204.72	-82.66	247.40	134.29
30499	85.15	8.10	17.16	-384.62	-451.88	-364.81	-182.65	467.30	201.88
30500	84.94	8.70	17.16	-401.41	-462.64	-379.58	-187.38	490.64	235.27
30501	84.37	8.10	17.16	-961.27	-640.89	-810.32	-363.57	1014.49	381.43
30502	84.17	8.70	17.16	-893.54	-692.06	-847.16	-425.20	1016.30	465.15
30503	83.58	8.10	17.16	-2153.99	-1139.58	-3180.33	-717.05	2669.52	810.96
30504	83.41	8.70	17.16	-1703.08	-1585.40	-2621.65	-977.91	2128.60	1632.39
30505	82.79	8.10	17.16	-774.94	-781.21	-5222.31	63.46	1116.09	332.04
30506	82.65	8.70	17.16	-1521.40	-1526.40	-4826.79	-515.86	1735.62	1406.88
30507	82.00	8.10	17.16	-594.28	-713.75	-4371.81	150.41	426.94	-470.80
30508	81.88	8.70	17.16	-799.75	-777.86	-5327.38	76.35	948.31	215.89
30509	81.21	8.10	17.16	-791.96	-775.29	-4336.00	59.02	1184.79	-432.20
30510	81.12	8.70	17.16	-749.58	-772.88	-5276.63	27.88	808.69	91.51
30511	80.42	8.10	17.16	-575.38	-903.25	-5492.90	31.33	620.79	-7.90
30512	80.36	8.70	17.16	-662.26	-902.72	-5752.07	80.48	609.16	26.98
30513	79.63	8.10	17.16	-533.81	-652.59	-3943.64	37.51	-1527.08	-156.93
30514	79.60	8.70	17.16	-592.69	-698.78	-4160.04	60.95	-1476.53	-214.94
30515	78.84	8.10	17.16	-282.04	-199.97	-1497.99	29.77	-99.73	-74.52
30516	78.83	8.70	17.16	-326.19	-310.01	-1738.72	52.34	-23.72	-252.51
30517	91.15	8.10	15.47	9.70	-46.97	61.76	3.37	-83.63	103.26
30518	90.76	8.70	15.47	8.95	-42.05	55.27	3.40	-85.27	100.88
30519	90.33	8.10	15.47	-29.48	-52.80	-35.66	-2.99	-38.35	96.37
30520	89.97	8.70	15.47	-32.40	-46.41	-44.00	-4.57	-36.87	97.61
30521	89.51	8.10	15.47	-79.14	-66.82	-109.66	-19.73	21.87	99.76
30522	89.18	8.70	15.47	-83.05	-60.75	-121.24	-22.90	25.45	104.56
30523	88.69	8.10	15.47	-143.97	-86.79	-180.04	-44.19	104.59	117.73
30524	88.38	8.70	15.47	-148.44	-81.76	-194.53	-49.22	110.10	126.32
30525	87.87	8.10	15.47	-227.56	-112.84	-266.97	-74.75	218.77	152.78
30526	87.59	8.70	15.47	-231.59	-108.78	-284.07	-81.36	223.82	164.75
30527	87.05	8.10	15.47	-331.20	-146.50	-396.68	-108.45	375.43	208.20
30528	86.79	8.70	15.47	-335.22	-142.29	-414.21	-117.54	378.71	224.20
30529	86.23	8.10	15.47	-452.14	-186.70	-608.31	-137.64	588.45	285.21
30530	86.00	8.70	15.47	-458.82	-182.42	-624.51	-154.04	591.23	308.39
30531	85.41	8.10	15.47	-578.26	-235.89	-975.97	-151.86	875.32	383.17
30532	85.20	8.70	15.47	-581.77	-220.65	-988.84	-179.61	877.60	418.94
30533	84.59	8.10	15.47	-619.36	-255.34	-1645.92	-109.61	1215.14	466.63
30534	84.41	8.70	15.47	-625.96	-248.57	-1632.38	-166.86	1208.85	559.65
30535	83.77	8.10	15.47	-173.76	-119.75	-2316.64	75.97	1148.61	417.41
30536	83.61	8.70	15.47	-359.71	-80.55	-2408.58	46.11	1298.06	454.80
30537	82.96	8.10	15.47	-260.68	-193.19	-2945.95	90.55	1145.70	308.45
30538	82.82	8.70	15.47	-190.15	-45.18	-3127.76	205.88	1219.18	324.91
30539	82.14	8.10	15.47	-378.80	-299.44	-3599.36	96.68	946.35	175.74
30540	82.03	8.70	15.47	-299.71	-218.68	-3764.98	106.11	1010.96	232.03
30541	81.32	8.10	15.47	-283.23	-372.68	-3903.92	19.23	671.47	41.34
30542	81.23	8.70	15.47	-285.54	-272.48	-4154.93	77.86	758.29	82.67
30543	80.50	8.10	15.47	-131.77	-388.19	-3829.53	59.90	356.72	-77.57
30544	80.44	8.70	15.47	-196.73	-320.93	-4164.25	111.79	387.02	-26.38
30545	79.68	8.10	15.47	-446.26	-494.08	-3692.92	67.90	293.10	-129.10
30546	79.64	8.70	15.47	-496.26	-458.00	-4114.48	141.96	395.19	-190.20
30547	78.86	8.10	15.47	-998.70	-640.76	-3619.00	11.79	381.70	-194.13
30548	78.85	8.70	15.47	-998.61	-643.54	-4185.75	37.61	421.31	-348.08
30549	91.62	8.10	13.78	1.38	-34.34	-4.75	-5.80	-31.17	106.73
30550	91.25	8.70	13.78	0.67	-30.59	-27.79	-7.06	-27.14	105.43
30551	90.77	8.10	13.78	-45.71	-33.81	-113.31	-11.23	35.31	131.16
30552	90.42	8.70	13.78	-46.66	-29.11	-135.36	-15.06	41.29	135.07
30553	89.92	8.10	13.78	-99.19	-36.81	-218.84	-22.41	110.36	153.58
30554	89.60	8.70	13.78	-99.48	-32.06	-242.20	-28.81	117.60	162.69
30555	89.07	8.10	13.78	-157.31	-43.10	-331.22	-38.21	201.87	179.98
30556	88.77	8.70	13.78	-156.74	-38.39	-356.51	-47.38	210.12	194.56
30557	88.22	8.10	13.78	-216.55	-51.26	-465.97	-55.66	314.87	214.07
30558	87.94	8.70	13.78	-214.45	-46.53	-493.40	-67.56	322.07	233.89
30559	87.37	8.10	13.78	-269.88	-59.48	-642.90	-70.25	450.69	256.87
30560	87.12	8.70	13.78	-266.33	-54.77	-671.19	-85.73	455.61	283.48
30561	86.52	8.10	13.78	-305.41	-65.61	-885.04	-75.89	604.24	306.03
30562	86.29	8.70	13.78	-301.04	-59.63	-911.51	-95.32	606.21	341.15
30563	85.67	8.10	13.78	-301.88	-63.65	-1210.16	-63.77	753.46	351.55
30564	85.47	8.70	13.78	-300.23	-57.26	-1230.69	-88.71	753.16	398.16
30565	84.82	8.10	13.78	-240.07	-51.78	-1579.77	-32.09	841.51	374.56
30566	84.64	8.70	13.78	-250.33	-35.66	-1604.30	-55.90	853.97	425.75
30567	83.97	8.10	13.78	-259.16	-67.56	-1997.39	-14.56	925.07	374.95
30568	83.82	8.70	13.78	-223.66	-40.17	-2017.12	-46.65	921.79	457.92
30569	83.12	8.10	13.78	-160.22	-40.35	-2436.56	22.68	938.88	351.78
30570	82.99	8.70	13.78	-170.64	-23.30	-2460.14	-45.38	946.99	473.22
30571	82.27	8.10	13.78	-62.59	-25.18	-2843.15	41.22	875.16	309.65
30572	82.17	8.70	13.78	-74.67	22.10	-2887.67	17.59	896.88	448.32
30573	81.42	8.10	13.78	-61.63	-39.84	-3165.36	61.54	740.48	251.63
30574	81.34	8.70	13.78	-50.79	18.38	-3241.23	38.48	773.33	388.45
30575	80.57	8.10	13.78	-151.67	-79.20	-3397.97	27.26	657.79	201.44
30576	80.51	8.70	13.78	-123.87	3.11	-3520.11	18.23	690.69	322.10
30577	79.72	8.10	13.78	-181.42	-107.48	-3613.48	-6.30	633.33	168.80
30578	79.69	8.70	13.78	-145.97	2.48	-3762.87	-23.42	631.94	302.95
30579	78.87	8.10	13.78	-144.55	-124.20	-3895.16	-44.82	635.37	169.26
30580	78.86	8.70	13.78	-98.29	17.56	-4036.83	-62.12	614.31	325.23
30581	92.09	8.10	12.09	-7.26	-37.50	-123.10	-7.37	10.25	107.76
30582	91.73	8.70	12.09	-8.11	-34.47	-161.00	-9.34	16.50	109.48
30583	91.21	8.10	12.09	-42.63	-39.14	-217.62	-14.15	80.37	142.53
30584	90.87	8.70	12.09	-42.69	-35.93	-253.19	-18.39	86.91	148.49
30585	90.33	8.10	12.09	-78.50	-39.94	-324.08	-21.73	154.77	174.24
30586	90.02	8.70	12.09	-77.15	-37.04	-358.73	-28.24	161.28	184.79
30587	89.45	8.10	12.09	-113.04	-40.51	-445.52	-30.28	236.66	205.06
30588	89.16	8.70	12.09	-110.04	-37.63	-479.80	-39.16	243.19	220.77
30589	88.57	8.10	12.09	-142.51	-40.41	-588.43	-38.56	327.31	236.73
30590	88.30	8.70	12.09	-137.58	-37.42	-622.88	-49.72	332.34	257.60
30591	87.69	8.10	12.09	-161.81	-38.77	-760.89	-44.59	424.55	269.69

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
30592	87.45	8.70	12.09	-154.97	-35.50	-794.84	-58.37	427.09	296.78
30593	86.81	8.10	12.09	-165.51	-34.20	-968.86	-46.07	521.89	302.43
30594	86.59	8.70	12.09	-157.47	-30.46	-1000.96	-62.57	521.73	336.88
30595	85.93	8.10	12.09	-151.59	-26.54	-1211.13	-42.61	609.06	331.65
30596	85.73	8.70	12.09	-143.18	-21.99	-1241.21	-61.68	606.85	374.37
30597	85.05	8.10	12.09	-130.81	-17.70	-1489.83	-36.63	685.54	356.32
30598	84.88	8.70	12.09	-118.39	-13.12	-1514.94	-59.99	678.40	411.64
30599	84.17	8.10	12.09	-74.20	-0.56	-1793.34	-24.59	729.43	374.60
30600	84.02	8.70	12.09	-72.00	4.62	-1814.12	-49.36	723.99	439.47
30601	83.29	8.10	12.09	-31.55	7.70	-2103.87	-15.83	738.50	383.92
30602	83.16	8.70	12.09	-19.79	20.76	-2121.13	-32.19	734.12	455.33
30603	82.41	8.10	12.09	9.27	17.72	-2403.35	-7.27	722.24	383.74
30604	82.31	8.70	12.09	23.24	30.90	-2420.58	-32.71	717.01	466.37
30605	81.53	8.10	12.09	50.45	27.55	-2690.07	-11.19	689.73	380.14
30606	81.45	8.70	12.09	65.12	47.62	-2707.66	-31.77	682.00	478.92
30607	80.65	8.10	12.09	92.83	34.24	-2960.02	-16.51	633.86	379.02
30608	80.59	8.70	12.09	112.91	58.91	-2976.59	-36.64	622.22	492.61
30609	79.77	8.10	12.09	126.60	36.17	-3207.24	-34.74	564.72	388.98
30610	79.74	8.70	12.09	151.32	61.79	-3222.52	-49.58	547.06	508.28
30611	78.89	8.10	12.09	173.60	37.30	-3430.12	-56.68	481.16	414.86
30612	78.88	8.70	12.09	196.67	58.85	-3439.79	-67.73	452.24	536.57
30613	92.56	8.10	10.41	-12.27	-51.79	-233.12	-5.19	34.70	115.65
30614	92.21	8.70	10.41	-13.11	-49.35	-279.76	-7.19	40.81	120.95
30615	91.65	8.10	10.41	-35.27	-56.46	-313.49	-12.72	97.04	148.98
30616	91.33	8.70	10.41	-34.93	-54.09	-357.86	-16.38	102.43	157.16
30617	90.74	8.10	10.41	-55.59	-58.85	-409.48	-19.19	162.23	180.76
30618	90.44	8.70	10.41	-53.79	-57.09	-452.12	-24.51	166.55	192.23
30619	89.83	8.10	10.41	-71.96	-59.59	-522.08	-24.95	230.41	211.32
30620	89.55	8.70	10.41	-68.49	-58.16	-562.97	-32.02	233.93	226.74
30621	88.92	8.10	10.41	-82.35	-58.71	-653.34	-29.78	300.92	241.04
30622	88.66	8.70	10.41	-77.18	-57.49	-692.83	-38.55	302.65	260.52
30623	88.01	8.10	10.41	-84.36	-56.12	-805.61	-33.27	371.65	270.10
30624	87.77	8.70	10.41	-77.54	-54.98	-843.32	-43.85	371.02	294.54
30625	87.10	8.10	10.41	-76.27	-51.65	-980.28	-34.85	439.42	298.36
30626	86.89	8.70	10.41	-68.08	-50.33	-1015.43	-47.06	436.26	328.47
30627	86.19	8.10	10.41	-57.35	-45.56	-1178.14	-34.36	500.52	325.28
30628	86.00	8.70	10.41	-48.07	-44.24	-1209.63	-48.45	494.28	361.74
30629	85.28	8.10	10.41	-24.53	-37.26	-1395.87	-31.54	547.84	349.63
30630	85.11	8.70	10.41	-15.87	-35.37	-1423.08	-46.70	539.58	392.58
30631	84.37	8.10	10.41	13.23	-28.71	-1628.28	-27.88	578.80	370.31
30632	84.22	8.70	10.41	24.20	-26.22	-1650.69	-44.04	568.06	420.98
30633	83.46	8.10	10.41	61.44	-17.45	-1868.61	-23.60	590.93	387.43
30634	83.33	8.70	10.41	70.82	-15.72	-1886.22	-42.45	578.02	447.59
30635	82.55	8.10	10.41	112.24	-7.45	-2110.08	-21.96	581.37	402.79
30636	82.45	8.70	10.41	122.30	-4.19	-2122.25	-38.39	566.98	471.62
30637	81.64	8.10	10.41	164.42	1.25	-2343.70	-21.53	551.54	418.10
30638	81.56	8.70	10.41	175.67	4.57	-2350.74	-37.65	535.22	493.92
30639	80.73	8.10	10.41	217.76	8.41	-2564.84	-25.41	504.31	435.47
30640	80.67	8.70	10.41	229.07	12.13	-2566.15	-38.36	485.05	517.93
30641	79.82	8.10	10.41	275.12	13.12	-2769.46	-30.32	438.12	456.98
30642	79.78	8.70	10.41	286.11	17.77	-2763.40	-39.98	415.60	546.00
30643	78.91	8.10	10.41	333.40	14.41	-2952.36	-36.39	352.12	484.93
30644	78.89	8.70	10.41	343.64	20.26	-2937.04	-41.65	326.25	578.66
30645	93.03	8.10	8.72	-14.78	-71.56	-312.45	-0.81	45.20	128.89
30646	92.70	8.70	8.72	-15.67	-69.62	-362.88	-2.41	49.96	137.36
30647	92.09	8.10	8.72	-27.96	-78.52	-383.26	-8.27	97.11	156.84
30648	91.78	8.70	8.72	-27.62	-76.66	-431.89	-10.95	100.79	167.27
30649	91.15	8.10	8.72	-37.49	-83.13	-468.56	-14.29	151.10	184.73
30650	90.86	8.70	8.72	-35.85	-81.98	-515.51	-18.03	153.26	197.41
30651	90.21	8.10	8.72	-42.47	-85.93	-568.80	-19.15	206.25	212.25
30652	89.94	8.70	8.72	-39.36	-85.32	-613.67	-24.07	207.16	227.74
30653	89.27	8.10	8.72	-41.74	-87.04	-684.58	-22.90	261.27	239.21
30654	89.02	8.70	8.72	-37.37	-86.92	-727.43	-29.00	260.27	257.64
30655	88.33	8.10	8.72	-34.11	-86.55	-816.51	-25.55	314.34	265.57
30656	88.10	8.70	8.72	-28.53	-86.83	-856.96	-32.84	311.09	287.66
30657	87.39	8.10	8.72	-18.56	-84.47	-964.70	-26.85	363.29	291.31
30658	87.18	8.70	8.72	-11.96	-85.01	-1002.05	-35.14	357.76	317.62
30659	86.45	8.10	8.72	5.85	-80.97	-1128.24	-26.79	405.14	316.05
30660	86.26	8.70	8.72	12.90	-81.97	-1161.98	-36.08	397.22	346.87
30661	85.50	8.10	8.72	38.05	-76.30	-1305.27	-25.61	437.25	339.48
30662	85.34	8.70	8.72	45.57	-77.57	-1334.63	-35.79	426.86	375.46
30663	84.56	8.10	8.72	78.77	-70.38	-1492.50	-23.48	456.68	361.60
30664	84.42	8.70	8.72	85.81	-71.84	-1516.86	-34.18	444.15	403.05
30665	83.62	8.10	8.72	125.03	-64.38	-1685.63	-21.09	461.18	382.61
30666	83.51	8.70	8.72	132.14	-65.63	-1704.42	-31.29	446.78	429.37
30667	82.68	8.10	8.72	176.57	-58.14	-1879.47	-18.41	449.91	402.79
30668	82.59	8.70	8.72	183.04	-59.69	-1892.49	-28.47	433.70	455.01
30669	81.74	8.10	8.72	231.50	-52.55	-2069.19	-16.33	421.87	423.00
30670	81.67	8.70	8.72	237.06	-54.07	-2075.93	-24.92	404.02	480.61
30671	80.80	8.10	8.72	288.77	-48.19	-2249.06	-14.17	376.75	444.45
30672	80.75	8.70	8.72	293.15	-49.81	-2249.08	-21.14	357.43	506.59
30673	79.86	8.10	8.72	346.87	-45.35	-2413.64	-11.94	314.82	468.23
30674	79.83	8.70	8.72	349.27	-47.38	-2406.29	-16.44	294.18	533.72
30675	78.92	8.10	8.72	405.05	-44.33	-2556.94	-8.23	235.87	494.92
30676	78.91	8.70	8.72	404.44	-47.02	-2541.46	-9.75	214.64	562.39
30677	93.50	8.10	7.03	-15.76	-93.73	-359.29	4.50	46.50	143.98
30678	93.18	8.70	7.03	-16.82	-92.30	-410.51	3.56	49.51	154.88
30679	92.53	8.10	7.03	-21.87	-101.92	-424.45	-2.21	88.68	166.28
30680	92.23	8.70	7.03	-21.79	-100.52	-474.36	-3.76	90.61	178.72
30681	91.56	8.10	7.03	-24.36	-108.29	-501.52	-7.73	132.62	189.44
30682	91.28	8.70	7.03	-23.21	-107.61	-550.09	-9.88	132.96	203.50
30683	90.59	8.10	7.03	-22.59	-113.22	-590.76	-12.22	176.86	212.90
30684	90.33	8.70	7.03	-20.23	-113.19	-637.39	-15.08	175.86	229.02
30685	89.62	8.10	7.03	-15.70	-116.69	-692.39	-15.61	219.85	236.25
30686	89.38	8.70	7.03	-12.49	-117.32	-736.98	-19.26	216.99	254.48
30687	88.65	8.10	7.03	-2.91	-118.74	-806.59	-17.93	259.90	259.33
30688	88.43	8.70	7.03	1.07	-119.97	-848.66	-22.32	255.01	280.25
30689	87.67	8.10	7.03	16.43	-119.43	-932.95	-19.00	295.33	282.08
30690	87.48	8.70	7.03	21.01	-121.19	-971.91	-23.95	288.49	306.07

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
30691	86.70	8.10	7.03	42.65	-119.03	-1070.62	-18.92	324.27	304.33
30692	86.53	8.70	7.03	47.43	-121.49	-1105.99	-24.48	315.35	331.57
30693	85.73	8.10	7.03	75.82	-117.60	-1217.98	-17.74	344.63	325.99
30694	85.58	8.70	7.03	80.43	-120.52	-1249.15	-23.62	333.73	356.74
30695	84.76	8.10	7.03	115.24	-115.39	-1372.63	-15.50	354.60	347.08
30696	84.63	8.70	7.03	119.49	-118.81	-1399.07	-21.45	341.88	381.46
30697	83.79	8.10	7.03	160.47	-112.65	-1531.41	-12.25	352.65	367.64
30698	83.68	8.70	7.03	163.84	-116.60	-1552.67	-18.11	338.34	405.78
30699	82.82	8.10	7.03	210.16	-109.90	-1690.65	-8.24	337.54	387.98
30700	82.73	8.70	7.03	212.40	-114.22	-1706.29	-13.44	321.94	429.74
30701	81.85	8.10	7.03	263.26	-107.43	-1846.08	-3.32	308.66	408.46
30702	81.78	8.70	7.03	263.93	-112.16	-1855.79	-7.60	292.10	453.49
30703	80.88	8.10	7.03	318.34	-105.62	-1993.29	2.58	265.76	429.39
30704	80.83	8.70	7.03	316.95	-110.72	-1996.81	-0.24	248.63	477.25
30705	79.91	8.10	7.03	373.94	-104.80	-2127.45	10.00	208.99	451.03
30706	79.88	8.70	7.03	369.98	-110.24	-2124.66	8.96	191.88	501.00
30707	78.94	8.10	7.03	428.04	-105.18	-2243.54	19.51	139.19	473.37
30708	78.93	8.70	7.03	421.02	-110.93	-2234.57	20.47	122.83	524.55
30709	93.97	8.10	5.34	-14.85	-115.80	-379.03	10.19	42.22	158.12
30710	93.66	8.70	5.34	-16.06	-114.75	-429.34	10.10	43.41	170.60
30711	92.97	8.10	5.34	-16.51	-124.79	-441.43	4.38	76.89	176.00
30712	92.68	8.70	5.34	-16.79	-123.91	-491.03	4.00	77.31	190.10
30713	91.97	8.10	5.34	-15.23	-132.75	-512.24	-0.97	113.19	195.00
30714	91.70	8.70	5.34	-14.71	-132.65	-560.83	-1.62	112.22	210.45
30715	90.97	8.10	5.34	-10.15	-139.50	-591.92	-5.46	148.86	214.19
30716	90.72	8.70	5.34	-8.69	-140.17	-638.80	-6.54	146.68	231.29
30717	89.97	8.10	5.34	-0.52	-144.91	-681.14	-8.86	182.40	233.29
30718	89.74	8.70	5.34	1.42	-146.40	-726.08	-10.47	178.56	252.01
30719	88.96	8.10	5.34	14.24	-148.98	-780.16	-11.10	212.38	252.26
30720	88.76	8.70	5.34	16.58	-151.24	-822.67	-13.15	206.78	273.02
30721	87.96	8.10	5.34	34.60	-151.77	-888.67	-11.98	237.55	271.13
30722	87.77	8.70	5.34	37.19	-154.80	-928.16	-14.33	230.31	294.15
30723	86.96	8.10	5.34	60.87	-153.56	-1005.91	-11.58	256.49	289.80
30724	86.79	8.70	5.34	63.32	-157.48	-1041.99	-14.28	247.55	315.12
30725	85.96	8.10	5.34	92.89	-154.42	-1130.56	-9.90	267.77	308.26
30726	85.81	8.70	5.34	94.94	-159.04	-1162.72	-12.73	257.25	336.05
30727	84.96	8.10	5.34	130.43	-154.55	-1260.68	-6.90	270.11	326.54
30728	84.83	8.70	5.34	131.73	-159.84	-1288.49	-9.66	258.18	356.86
30729	83.96	8.10	5.34	172.82	-154.29	-1393.81	-2.59	262.36	344.70
30730	83.85	8.70	5.34	173.05	-160.18	-1416.89	-5.04	249.30	377.50
30731	82.96	8.10	5.34	219.26	-153.88	-1526.97	3.08	243.73	362.79
30732	82.87	8.70	5.34	218.02	-160.34	-1545.07	1.15	229.85	397.94
30733	81.95	8.10	5.34	268.68	-153.63	-1656.84	10.17	213.71	380.89
30734	81.89	8.70	5.34	265.57	-160.59	-1669.77	9.06	199.41	418.18
30735	80.95	8.10	5.34	319.85	-153.77	-1779.76	18.89	172.28	399.06
30736	80.90	8.70	5.34	314.48	-161.16	-1787.48	18.82	158.05	438.11
30737	79.95	8.10	5.34	371.38	-154.47	-1891.89	29.53	119.92	417.24
30738	79.92	8.70	5.34	363.33	-162.23	-1894.54	30.71	106.29	457.60
30739	78.95	8.10	5.34	421.75	-155.85	-1989.34	42.44	57.67	435.21
30740	78.94	8.70	5.34	410.69	-163.88	-1987.29	44.99	45.30	476.32
30741	78.06	8.10	17.16	-590.41	-259.50	-1740.14	28.31	982.01	-60.33
30742	78.07	8.70	17.16	-595.26	-347.92	-1969.47	13.09	887.40	-218.62
30743	77.27	8.10	17.16	-1512.99	-932.90	-5106.60	27.17	2853.97	-141.62
30744	77.31	8.70	17.16	-1507.58	-953.37	-5329.70	15.96	2791.96	-177.84
30745	76.48	8.10	17.16	-927.17	-1241.07	-7704.88	1.05	660.79	-2.39
30746	76.54	8.70	17.16	-1018.00	-1220.48	-7975.85	-72.73	658.28	62.80
30747	75.69	8.10	17.16	-1148.92	-1200.21	-7200.12	12.28	-373.42	-814.31
30748	75.78	8.70	17.16	-1222.91	-1223.74	-8726.97	-44.63	345.62	146.79
30749	74.90	8.10	17.16	-1306.15	-1387.89	-8958.04	-204.13	926.07	-840.16
30750	75.02	8.70	17.16	-1395.72	-1480.08	-10475.60	-212.88	-67.27	425.26
30751	74.11	8.10	17.16	-1583.90	-1794.49	-12747.80	-219.39	-720.89	740.42
30752	74.25	8.70	17.16	-3004.00	-3148.20	-10936.60	942.24	-2374.43	3485.07
30753	73.32	8.10	17.16	-5134.62	-2519.97	-8183.46	1489.87	-6170.03	2164.07
30754	73.49	8.70	17.16	-3965.49	-3223.49	-6297.02	1992.52	-4526.85	4181.99
30755	72.53	8.10	17.16	-2573.74	-1184.08	-1956.30	704.82	-2222.72	976.66
30756	72.73	8.70	17.16	-2354.96	-1214.61	-1960.91	828.86	-2145.56	1122.64
30757	71.75	8.10	17.16	-1342.30	-736.60	-854.75	287.74	-983.13	502.86
30758	71.96	8.70	17.16	-1349.32	-713.61	-847.65	314.55	-1023.47	552.22
30759	70.96	8.10	17.16	-790.42	-529.08	-481.26	118.21	-563.30	364.22
30760	71.20	8.70	17.16	-767.64	-454.25	-452.01	79.94	-530.12	308.52
30761	70.17	8.10	17.16	-446.71	-347.68	-277.52	-13.88	-318.98	199.69
30762	70.44	8.70	17.16	-440.96	-310.75	-274.50	-36.36	-295.14	184.52
30763	69.38	8.10	17.16	-226.69	-246.82	-175.17	-90.11	-161.79	97.07
30764	69.67	8.70	17.16	-240.27	-218.71	-179.47	-103.28	-153.01	92.52
30765	68.59	8.10	17.16	-96.70	-191.81	-119.81	-123.39	-58.72	33.98
30766	68.91	8.70	17.16	-119.05	-169.94	-125.27	-134.09	-57.05	31.42
30767	67.80	8.10	17.16	-32.24	-165.01	-81.20	-129.38	10.49	-4.37
30768	68.15	8.70	17.16	-55.71	-147.60	-85.46	-139.81	10.56	-8.70
30769	67.01	8.10	17.16	-14.16	-154.40	-35.57	-118.56	55.66	-22.09
30770	67.38	8.70	17.16	-34.71	-141.42	-36.34	-128.41	54.90	-27.69
30771	66.22	8.10	17.16	-28.44	-149.25	49.37	-97.31	77.72	-12.08
30772	66.62	8.70	17.16	-43.88	-142.01	50.74	-105.92	79.04	-17.85
30773	78.04	8.10	15.47	-1015.38	-681.47	-4031.77	-60.57	1028.38	-177.99
30774	78.05	8.70	15.47	-1014.46	-686.82	-4599.75	-106.79	963.71	-328.58
30775	77.22	8.10	15.47	-373.04	-581.58	-4841.53	-121.28	987.45	-81.20
30776	77.26	8.70	15.47	-419.81	-536.10	-5262.08	-224.11	860.81	-118.71
30777	76.40	8.10	15.47	-166.34	-540.36	-5640.82	-110.29	771.16	-17.62
30778	76.46	8.70	15.47	-222.85	-445.65	-6023.91	-199.96	738.67	97.87
30779	75.58	8.10	15.47	-341.38	-582.60	-6475.90	-117.68	371.36	198.97
30780	75.67	8.70	15.47	-241.26	-405.84	-6715.45	-208.61	158.93	276.97
30781	74.76	8.10	15.47	-263.78	-512.22	-6844.40	-331.58	-348.76	552.81
30782	74.87	8.70	15.47	-112.49	-375.19	-6831.72	-332.72	-561.44	655.46
30783	73.94	8.10	15.47	85.95	-315.32	-6057.21	-306.70	-1367.33	995.95
30784	74.08	8.70	15.47	207.65	-72.14	-6135.74	-556.53	-1440.89	885.13
30785	73.13	8.10	15.47	234.23	-260.56	-5051.66	-191.75	-1734.80	1222.11
30786	73.29	8.70	15.47	-195.96	-241.22	-5016.53	-107.73	-2012.37	1172.02
30787	72.31	8.10	15.47	-1071.37	-675.86	-3752.92	285.91	-2350.22	1322.19
30788	72.49	8.70	15.47	-1027.55	-635.00	-3520.56	404.14	-2234.95	1433.86
30789	71.49	8.10	15.47	-1140.33	-625.48	-2240.51	418.24	-1807.66	1075.86



Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
30790	71.70	8.70	15.47	-1095.55	-559.01	-2138.92	445.22	-1727.46	1065.38
30791	70.67	8.10	15.47	-969.75	-459.44	-1399.62	394.25	-1299.61	772.29
30792	70.90	8.70	15.47	-938.77	-442.46	-1355.37	398.96	-1238.41	769.35
30793	69.85	8.10	15.47	-778.43	-322.54	-910.88	320.01	-905.40	525.71
30794	70.11	8.70	15.47	-743.63	-316.47	-903.09	317.41	-864.86	530.73
30795	69.03	8.10	15.47	-587.47	-212.47	-614.13	227.53	-602.96	339.33
30796	69.31	8.70	15.47	-561.76	-212.63	-625.61	229.97	-585.98	350.71
30797	68.21	8.10	15.47	-413.10	-131.04	-425.09	143.22	-378.58	208.40
30798	68.52	8.70	15.47	-398.95	-130.81	-441.28	148.93	-376.89	219.33
30799	67.39	8.10	15.47	-262.76	-70.51	-283.24	76.29	-216.07	118.25
30800	67.72	8.70	15.47	-256.89	-67.80	-297.49	81.54	-221.35	124.78
30801	66.57	8.10	15.47	-136.54	-25.43	-140.61	29.49	-98.74	56.06
30802	66.93	8.70	15.47	-136.37	-20.85	-150.07	33.00	-106.88	57.25
30803	65.75	8.10	15.47	-32.22	5.92	50.39	5.69	-7.64	8.08
30804	66.14	8.70	15.47	-33.93	9.84	43.55	6.92	-15.38	2.48
30805	78.03	8.10	13.78	-81.95	-129.71	-4183.70	-93.86	533.77	203.58
30806	78.04	8.70	13.78	-34.60	17.92	-4313.44	-110.71	489.72	370.24
30807	77.18	8.10	13.78	-36.90	-131.44	-4472.02	-137.41	461.06	275.40
30808	77.21	8.70	13.78	3.36	-9.29	-4589.37	-149.87	397.95	438.69
30809	76.33	8.10	13.78	105.95	-116.56	-4791.23	-187.65	290.50	401.52
30810	76.39	8.70	13.78	150.41	-16.04	-4840.01	-198.42	176.61	562.93
30811	75.48	8.10	13.78	317.03	-86.21	-4984.29	-238.60	-64.53	569.11
30812	75.56	8.70	13.78	319.71	-17.20	-4934.23	-220.87	-169.05	767.02
30813	74.63	8.10	13.78	390.71	-87.00	-4871.59	-183.07	-555.09	750.73
30814	74.73	8.70	13.78	348.89	-27.14	-4763.93	-156.21	-613.24	950.04
30815	73.78	8.10	13.78	225.65	-169.47	-4518.82	-108.95	-931.27	882.50
30816	73.91	8.70	13.78	183.85	-147.90	-4363.05	19.53	-958.90	1060.44
30817	72.93	8.10	13.78	-13.28	-250.37	-3962.19	9.70	-1213.33	983.92
30818	73.08	8.70	13.78	54.42	-187.10	-3796.66	46.23	-1185.05	1075.16
30819	72.08	8.10	13.78	-4.21	-202.20	-3292.54	102.18	-1317.58	997.01
30820	72.26	8.70	13.78	-42.35	-178.95	-3167.63	119.14	-1301.86	1024.82
30821	71.23	8.10	13.78	-260.95	-210.38	-2607.79	220.35	-1381.22	922.03
30822	71.43	8.70	13.78	-251.47	-212.21	-2515.70	243.89	-1322.43	964.22
30823	70.38	8.10	13.78	-387.49	-188.01	-1937.55	276.90	-1227.73	776.34
30824	70.61	8.70	13.78	-358.14	-188.22	-1900.21	291.20	-1177.71	810.20
30825	69.53	8.10	13.78	-408.05	-139.22	-1423.08	275.14	-1005.60	614.83
30826	69.78	8.70	13.78	-375.28	-142.96	-1421.03	287.37	-972.73	644.35
30827	68.68	8.10	13.78	-367.22	-85.81	-1048.16	240.95	-783.06	467.73
30828	68.96	8.70	13.78	-337.06	-89.38	-1065.39	252.45	-767.57	493.36
30829	67.83	8.10	13.78	-292.29	-34.20	-772.29	192.50	-585.34	342.69
30830	68.13	8.70	13.78	-268.63	-37.23	-798.18	204.25	-583.13	364.13
30831	66.98	8.10	13.78	-202.99	12.16	-557.12	143.14	-418.60	237.02
30832	67.30	8.70	13.78	-186.64	10.53	-585.62	154.08	-423.79	251.94
30833	66.13	8.10	13.78	-111.23	52.17	-371.57	100.69	-275.28	140.56
30834	66.48	8.70	13.78	-101.55	51.98	-400.11	110.03	-284.62	148.15
30835	65.28	8.10	13.78	-23.91	85.46	-198.68	67.77	-137.38	39.27
30836	65.65	8.70	13.78	-18.69	86.61	-228.18	74.71	-148.90	37.88
30837	78.01	8.10	12.09	234.92	35.26	-3640.22	-77.35	383.84	456.91
30838	78.02	8.70	12.09	256.36	56.00	-3635.16	-82.64	345.75	582.79
30839	77.13	8.10	12.09	317.77	30.95	-3822.80	-97.07	236.22	517.05
30840	77.16	8.70	12.09	337.33	55.53	-3791.10	-95.99	187.44	648.24
30841	76.25	8.10	12.09	397.62	23.09	-3931.65	-106.16	34.37	595.33
30842	76.31	8.70	12.09	402.90	44.79	-3871.00	-95.20	-11.83	726.09
30843	75.37	8.10	12.09	438.58	6.15	-3933.99	-87.73	-202.85	682.11
30844	75.45	8.70	12.09	433.56	22.44	-3852.31	-71.34	-239.08	794.58
30845	74.49	8.10	12.09	434.82	-20.09	-3829.19	-58.50	-438.40	760.85
30846	74.59	8.70	12.09	427.61	-13.05	-3730.58	-31.54	-463.87	850.13
30847	73.61	8.10	12.09	405.51	-34.60	-3606.09	-1.93	-670.71	819.21
30848	73.74	8.70	12.09	394.83	-27.57	-3501.07	4.33	-677.04	893.60
30849	72.73	8.10	12.09	338.65	-41.84	-3266.17	61.41	-862.60	834.75
30850	72.88	8.70	12.09	308.91	-54.23	-3175.57	89.59	-847.77	908.83
30851	71.85	8.10	12.09	189.20	-68.48	-2851.38	129.09	-975.55	813.14
30852	72.02	8.70	12.09	193.94	-76.31	-2783.09	155.07	-942.93	879.00
30853	70.97	8.10	12.09	96.97	-70.40	-2410.68	178.52	-991.87	762.53
30854	71.17	8.70	12.09	101.87	-74.87	-2370.96	196.42	-961.92	809.97
30855	70.09	8.10	12.09	-4.22	-64.01	-1989.51	214.21	-954.98	686.84
30856	70.31	8.70	12.09	10.09	-69.49	-1974.73	230.06	-925.76	726.59
30857	69.21	8.10	12.09	-74.00	-47.16	-1603.13	228.61	-859.32	592.45
30858	69.45	8.70	12.09	-54.22	-52.50	-1612.37	242.52	-837.99	625.53
30859	68.33	8.10	12.09	-106.72	-21.32	-1275.97	222.13	-732.81	491.71
30860	68.60	8.70	12.09	-85.86	-26.80	-1302.44	235.16	-721.91	519.31
30861	67.45	8.10	12.09	-109.86	9.14	-1010.60	201.18	-597.85	391.56
30862	67.74	8.70	12.09	-90.68	3.75	-1048.13	213.72	-595.58	413.91
30863	66.57	8.10	12.09	-92.41	42.03	-800.68	171.79	-465.80	292.51
30864	66.88	8.70	12.09	-76.83	37.25	-844.98	183.52	-469.15	308.84
30865	65.69	8.10	12.09	-61.84	75.88	-642.34	138.41	-338.90	191.15
30866	66.03	8.70	12.09	-49.91	72.36	-689.65	148.89	-346.35	201.65
30867	64.81	8.10	12.09	-16.63	110.83	-538.57	100.58	-211.40	82.42
30868	65.17	8.70	12.09	-8.75	109.76	-585.89	109.61	-222.03	86.67
30869	77.99	8.10	10.41	394.78	13.20	-3104.15	-41.00	242.74	521.72
30870	78.01	8.70	10.41	401.35	18.34	-3076.80	-41.60	213.55	616.93
30871	77.08	8.10	10.41	452.54	8.91	-3213.11	-39.76	109.83	566.36
30872	77.12	8.70	10.41	452.19	10.98	-3172.44	-34.77	81.26	659.27
30873	76.17	8.10	10.41	497.69	0.49	-3267.59	-29.19	-43.38	613.95
30874	76.23	8.70	10.41	491.57	0.21	-3214.78	-19.09	-68.16	701.40
30875	75.26	8.10	10.41	524.53	-11.24	-3257.37	-9.93	-209.04	658.99
30876	75.34	8.70	10.41	513.02	-13.09	-3194.68	5.12	-227.22	740.75
30877	74.35	8.10	10.41	527.30	-22.93	-3171.81	22.26	-378.23	695.73
30878	74.45	8.70	10.41	510.83	-25.53	-3105.16	38.03	-385.64	771.43
30879	73.44	8.10	10.41	497.52	-36.67	-3009.46	61.37	-530.93	718.14
30880	73.57	8.70	10.41	479.72	-42.01	-2947.44	83.08	-526.99	784.12
30881	72.53	8.10	10.41	438.43	-50.09	-2784.47	106.45	-647.77	723.16
30882	72.68	8.70	10.41	427.80	-52.16	-2731.98	122.26	-635.92	776.88
30883	71.62	8.10	10.41	373.07	-53.15	-2512.77	149.02	-722.67	706.51
30884	71.79	8.70	10.41	361.58	-57.14	-2476.25	164.09	-705.81	752.18
30885	70.71	8.10	10.41	288.44	-52.78	-2215.44	185.87	-750.64	668.62
30886	70.90	8.70	10.41	284.94	-58.48	-2198.48	200.69	-731.32	709.40
30887	69.80	8.10	10.41	213.51	-45.08	-1913.97	211.59	-729.42	614.76
30888	70.01	8.70	10.41	214.50	-50.78	-1917.69	224.65	-713.73	649.68

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
30889	68.89	8.10	10.41	146.17	-31.39	-1628.33	225.42	-673.47	550.07
30890	69.13	8.70	10.41	151.10	-37.36	-1650.75	237.77	-663.23	579.68
30891	67.98	8.10	10.41	90.43	-11.79	-1369.82	226.97	-592.74	478.02
30892	68.24	8.70	10.41	98.41	-17.65	-1408.06	238.56	-589.43	502.87
30893	67.07	8.10	10.41	46.87	13.36	-1149.35	216.90	-499.92	401.04
30894	67.35	8.70	10.41	56.96	7.37	-1199.84	227.75	-502.28	421.44
30895	66.16	8.10	10.41	15.62	43.94	-976.70	196.07	-405.95	319.84
30896	66.46	8.70	10.41	26.08	38.19	-1035.09	206.16	-411.80	335.59
30897	65.25	8.10	10.41	0.69	80.21	-860.14	165.02	-314.96	232.57
30898	65.57	8.70	10.41	10.57	74.98	-920.92	174.77	-323.49	244.71
30899	64.34	8.10	10.41	-6.21	117.66	-814.13	126.93	-234.80	140.35
30900	64.69	8.70	10.41	3.82	114.47	-870.35	135.40	-243.76	148.43
30901	77.98	8.10	8.72	459.78	-45.70	-2672.16	-1.61	140.52	524.12
30902	77.99	8.70	8.72	455.30	-49.00	-2648.45	0.32	120.07	592.06
30903	77.04	8.10	8.72	507.84	-49.39	-2752.00	9.43	31.08	554.64
30904	77.07	8.70	8.72	499.21	-53.02	-2720.64	14.62	12.72	621.50
30905	76.10	8.10	8.72	545.45	-54.82	-2789.46	26.01	-88.60	584.60
30906	76.15	8.70	8.72	532.24	-58.97	-2751.80	34.06	-103.15	648.88
30907	75.16	8.10	8.72	568.14	-61.20	-2778.39	49.24	-212.34	611.03
30908	75.23	8.70	8.72	550.85	-66.06	-2737.33	59.28	-221.22	671.14
30909	74.22	8.10	8.72	572.38	-68.29	-2716.33	77.84	-330.57	630.52
30910	74.31	8.70	8.72	552.53	-73.85	-2675.81	89.94	-333.18	685.09
30911	73.28	8.10	8.72	558.54	-74.23	-2605.71	110.97	-433.40	639.85
30912	73.39	8.70	8.72	537.79	-79.68	-2569.73	122.83	-430.19	689.13
30913	72.34	8.10	8.72	529.43	-77.32	-2451.64	145.26	-512.89	636.89
30914	72.48	8.70	8.72	507.94	-83.92	-2424.99	158.50	-504.86	681.41
30915	71.40	8.10	8.72	485.83	-78.12	-2264.26	178.69	-560.55	621.47
30916	71.56	8.70	8.72	466.85	-84.42	-2250.20	191.34	-550.48	660.72
30917	70.45	8.10	8.72	437.70	-73.72	-2055.53	207.88	-573.30	594.27
30918	70.64	8.70	8.72	420.09	-79.47	-2056.30	219.70	-564.48	628.62
30919	69.51	8.10	8.72	385.43	-63.95	-1837.57	230.81	-552.42	556.63
30920	69.72	8.70	8.72	370.07	-69.18	-1854.25	242.12	-547.41	587.11
30921	68.57	8.10	8.72	333.75	-48.04	-1620.73	245.73	-501.51	510.93
30922	68.80	8.70	8.72	320.20	-53.04	-1653.76	256.69	-502.79	537.63
30923	67.63	8.10	8.72	280.89	-25.53	-1414.28	251.74	-429.34	459.60
30924	67.88	8.70	8.72	270.07	-30.50	-1462.90	262.16	-438.27	483.03
30925	66.69	8.10	8.72	222.37	4.28	-1226.75	248.31	-348.17	404.25
30926	66.96	8.70	8.72	216.21	-1.31	-1289.80	257.57	-363.44	424.42
30927	65.75	8.10	8.72	152.79	42.11	-1072.10	234.53	-276.55	346.20
30928	66.04	8.70	8.72	153.08	36.11	-1145.84	241.93	-293.95	362.17
30929	64.81	8.10	8.72	77.03	86.85	-982.40	207.77	-236.89	285.79
30930	65.12	8.70	8.72	85.47	80.33	-1056.17	213.84	-250.20	296.74
30931	63.87	8.10	8.72	59.17	141.80	-972.40	158.09	-208.24	209.82
30932	64.20	8.70	8.72	64.49	135.34	-1034.76	168.33	-217.26	219.32
30933	77.96	8.10	7.03	478.62	-106.77	-2336.45	31.91	57.99	496.02
30934	77.97	8.70	7.03	467.99	-112.84	-2321.77	34.95	43.21	547.41
30935	76.99	8.10	7.03	523.22	-109.45	-2401.24	47.82	-32.00	518.07
30936	77.02	8.70	7.03	508.71	-115.84	-2381.82	52.96	-44.18	568.66
30937	76.02	8.10	7.03	559.30	-112.91	-2433.59	67.77	-126.74	538.06
30938	76.07	8.70	7.03	540.99	-119.53	-2411.10	74.80	-135.36	586.88
30939	75.05	8.10	7.03	584.89	-116.74	-2430.70	91.68	-220.79	554.25
30940	75.12	8.70	7.03	563.16	-123.40	-2407.40	100.29	-225.32	600.56
30941	74.08	8.10	7.03	599.20	-120.05	-2391.84	119.14	-307.88	564.92
30942	74.17	8.70	7.03	574.56	-126.56	-2370.39	128.69	-308.24	608.31
30943	73.11	8.10	7.03	602.60	-122.07	-2318.42	148.89	-381.39	568.70
30944	73.22	8.70	7.03	575.59	-128.39	-2301.78	159.27	-378.18	608.78
30945	72.14	8.10	7.03	596.73	-121.98	-2214.75	179.62	-434.62	564.69
30946	72.27	8.70	7.03	568.09	-127.54	-2205.50	190.04	-429.37	601.37
30947	71.17	8.10	7.03	585.48	-118.38	-2086.77	209.36	-462.81	552.63
30948	71.32	8.70	7.03	554.79	-123.32	-2087.21	220.05	-457.55	586.29
30949	70.20	8.10	7.03	571.41	-110.61	-1941.51	236.66	-462.49	533.19
30950	70.37	8.70	7.03	538.58	-114.90	-1953.30	247.59	-459.77	564.08
30951	69.23	8.10	7.03	558.45	-97.51	-1785.81	260.16	-432.12	507.50
30952	69.42	8.70	7.03	522.42	-100.97	-1810.04	271.37	-434.87	535.94
30953	68.25	8.10	7.03	547.45	-77.82	-1625.11	278.81	-372.45	476.99
30954	68.47	8.70	7.03	507.32	-80.74	-1662.65	290.77	-383.59	503.29
30955	67.28	8.10	7.03	536.32	-49.61	-1462.27	291.73	-285.91	443.24
30956	67.52	8.70	7.03	492.10	-52.57	-1514.00	304.65	-308.79	468.07
30957	66.31	8.10	7.03	515.60	-9.04	-1296.73	298.16	-178.76	407.57
30958	66.57	8.70	7.03	469.30	-14.38	-1364.98	311.62	-215.66	431.51
30959	65.34	8.10	7.03	461.55	50.35	-1124.86	299.29	-68.18	371.21
30960	65.62	8.70	7.03	419.34	42.29	-1212.78	309.88	-118.15	393.78
30961	64.37	8.10	7.03	325.14	131.39	-958.17	298.39	-7.71	338.05
30962	64.67	8.70	7.03	302.28	121.07	-1062.19	300.86	-58.59	354.32
30963	63.40	8.10	7.03	10.94	226.63	-991.53	278.85	-169.43	322.57
30964	63.72	8.70	7.03	34.58	208.46	-1061.26	259.45	-180.33	312.36
30965	77.95	8.10	5.34	469.29	-157.92	-2068.32	58.00	-12.69	452.54
30966	77.96	8.70	5.34	454.82	-166.11	-2062.30	62.00	-23.17	493.83
30967	76.95	8.10	5.34	512.52	-160.53	-2125.43	76.51	-88.50	468.57
30968	76.98	8.70	5.34	494.50	-168.74	-2116.51	81.92	-96.45	509.46
30969	75.95	8.10	5.34	550.17	-163.36	-2158.05	98.09	-166.29	482.39
30970	76.00	8.70	5.34	528.57	-171.46	-2147.63	104.77	-171.24	522.35
30971	74.95	8.10	5.34	581.61	-166.00	-2164.65	122.60	-241.83	493.04
30972	75.02	8.70	5.34	556.46	-173.81	-2154.48	130.32	-243.59	531.65
30973	73.94	8.10	5.34	607.03	-167.91	-2145.13	149.55	-310.39	499.64
30974	74.03	8.70	5.34	578.37	-175.24	-2137.17	158.16	-309.15	536.57
30975	72.94	8.10	5.34	627.76	-168.40	-2101.06	178.25	-367.01	501.50
30976	73.05	8.70	5.34	595.49	-175.00	-2097.24	187.52	-363.47	536.59
30977	71.94	8.10	5.34	646.42	-166.66	-2035.40	207.74	-407.14	498.32
30978	72.07	8.70	5.34	609.98	-172.39	-2037.55	217.70	-402.45	531.53
30979	70.94	8.10	5.34	666.55	-161.88	-1952.37	237.11	-426.71	490.21
30980	71.09	8.70	5.34	624.99	-166.48	-1961.89	247.79	-422.53	521.57
30981	69.94	8.10	5.34	693.04	-153.04	-1856.73	265.49	-422.55	477.68
30982	70.11	8.70	5.34	644.41	-156.28	-1874.61	277.22	-420.96	507.36
30983	68.94	8.10	5.34	731.38	-138.91	-1753.06	292.13	-392.06	461.54
30984	69.13	8.70	5.34	672.67	-140.84	-1779.85	305.76	-395.60	489.90
30985	67.94	8.10	5.34	788.31	-117.61	-1644.70	316.55	-332.69	442.78
30986	68.14	8.70	5.34	715.12	-118.32	-1680.64	333.43	-344.51	470.18
30987	66.93	8.10	5.34	871.85	-86.74	-1532.70	338.50	-240.85	422.45

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
30988	67.16	8.70	5.34	777.86	-86.79	-1577.77	361.27	-265.69	449.86
30989	65.93	8.10	5.34	992.19	-39.15	-1413.14	356.10	-109.22	401.22
30990	66.18	8.70	5.34	867.69	-43.35	-1468.75	390.45	-154.21	430.66
30991	64.93	8.10	5.34	1158.15	46.55	-1270.87	366.08	75.46	377.78
30992	65.20	8.70	5.34	995.37	28.46	-1341.23	420.91	-0.19	413.59
30993	63.93	8.10	5.34	1365.59	234.30	-1053.87	379.46	325.63	364.45
30994	64.22	8.70	5.34	1164.82	176.75	-1156.84	458.14	208.67	394.03
30995	62.93	8.10	5.34	1568.58	538.27	-544.20	482.88	614.56	512.09
30996	63.24	8.70	5.34	1355.75	556.37	-733.00	607.56	425.07	464.80
30997	86.37	9.28	17.16	20.58	-228.29	-118.54	-8.20	104.10	79.04
30998	87.07	9.26	17.16	77.66	-179.19	-81.60	12.75	37.76	47.40
30999	87.78	9.23	17.16	99.25	-145.60	-57.03	22.33	-7.27	29.79
31000	86.44	9.85	17.16	43.38	-188.84	-102.74	19.44	65.09	58.56
31001	87.07	9.77	17.16	78.36	-155.00	-75.47	28.90	17.36	36.56
31002	87.68	9.68	17.16	91.56	-131.20	-54.75	31.25	-17.10	23.96
31003	86.52	10.41	17.16	53.12	-151.36	-88.45	40.44	28.71	38.08
31004	87.05	10.27	17.16	73.13	-131.57	-68.21	41.35	-3.29	26.59
31005	87.58	10.13	17.16	81.14	-116.19	-52.01	39.33	-29.67	18.93
31006	78.83	9.50	17.16	-875.31	-819.68	-4884.92	152.24	334.71	-1619.87
31007	79.59	9.50	17.16	-895.49	-861.81	-5732.78	169.63	-391.22	-658.56
31008	80.35	9.49	17.16	-858.56	-883.22	-6313.70	120.15	697.34	164.49
31009	81.11	9.47	17.16	-903.03	-824.28	-6114.74	80.08	884.09	330.39
31010	81.87	9.46	17.16	-943.27	-870.77	-6445.89	2.50	1103.31	515.88
31011	82.63	9.44	17.16	-2239.23	-1128.00	-4057.55	-610.01	2901.43	542.12
31012	83.38	9.41	17.16	-991.80	-1071.75	-1372.45	-424.90	1220.07	799.13
31013	84.14	9.38	17.16	-646.87	-705.95	-695.52	-326.46	787.88	487.05
31014	84.89	9.35	17.16	-308.76	-431.66	-331.46	-142.12	411.72	231.40
31015	85.64	9.31	17.16	-97.40	-303.79	-188.30	-50.85	213.19	127.02
31016	78.84	10.50	17.16	-1447.08	-866.33	-8817.27	9.26	600.45	621.19
31017	79.62	10.49	17.16	-1300.27	-889.53	-8292.49	60.94	661.53	639.24
31018	80.40	10.46	17.16	-1160.33	-991.30	-8051.56	43.60	861.54	741.60
31019	81.18	10.42	17.16	-1791.34	-1764.43	-6082.28	-617.30	2278.80	1605.39
31020	81.95	10.37	17.16	-1274.09	-2570.00	-4331.23	-685.28	1238.88	2935.32
31021	82.72	10.31	17.16	-1662.78	-1720.20	-2524.63	-936.93	2181.84	1835.42
31022	83.49	10.23	17.16	-760.05	-711.02	-791.32	-278.71	875.11	533.86
31023	84.25	10.15	17.16	-357.77	-509.79	-412.21	-131.79	463.74	308.57
31024	85.01	10.05	17.16	-162.67	-346.19	-241.87	-54.94	268.82	175.72
31025	85.76	9.94	17.16	-31.09	-244.55	-150.39	-3.05	140.60	95.43
31026	78.85	11.50	17.16	-1504.04	-3608.95	-5526.82	-55.33	426.08	4243.55
31027	79.65	11.48	17.16	-1411.48	-3456.43	-5255.38	-209.44	588.60	4056.77
31028	80.45	11.43	17.16	-1327.60	-3363.02	-5025.01	-459.49	921.29	4004.75
31029	81.25	11.37	17.16	-1608.79	-2266.69	-3047.51	-841.02	2140.41	2495.98
31030	82.04	11.29	17.16	-777.94	-1142.57	-1080.82	-237.91	890.58	981.96
31031	82.82	11.18	17.16	-493.55	-903.67	-713.35	-232.59	592.09	722.83
31032	83.60	11.06	17.16	-433.13	-575.20	-486.79	-155.39	519.24	442.23
31033	84.37	10.92	17.16	-212.65	-350.17	-277.39	-27.39	288.02	208.38
31034	85.13	10.75	17.16	-74.12	-251.00	-179.02	15.61	158.55	114.86
31035	85.88	10.57	17.16	7.41	-187.01	-122.33	34.24	77.39	62.80
31036	78.86	12.50	17.16	-726.51	-1393.09	-1086.08	86.69	144.44	1354.65
31037	79.68	12.47	17.16	-663.98	-1337.24	-1019.80	31.06	230.75	1284.89
31038	80.50	12.41	17.16	-603.45	-1207.57	-851.84	-44.01	404.44	1099.67
31039	81.31	12.32	17.16	-520.18	-963.12	-739.96	-111.25	419.00	871.71
31040	82.12	12.20	17.16	-503.55	-669.96	-596.28	-83.95	474.50	590.59
31041	82.92	12.06	17.16	-312.56	-448.49	-383.30	5.15	302.90	333.78
31042	83.71	11.88	17.16	-191.80	-328.96	-269.89	19.58	210.30	213.89
31043	84.49	11.68	17.16	-112.55	-229.72	-193.76	39.79	145.19	123.81
31044	85.25	11.46	17.16	-31.45	-167.41	-135.98	56.97	73.63	62.60
31045	86.00	11.20	17.16	21.73	-133.70	-97.08	57.82	21.38	32.58
31046	78.87	13.50	17.16	-533.87	-419.40	-483.59	108.66	38.65	411.35
31047	79.71	13.46	17.16	-469.49	-412.14	-449.16	109.99	74.36	378.81
31048	80.55	13.38	17.16	-400.54	-387.89	-411.03	97.34	99.65	337.13
31049	81.38	13.27	17.16	-341.17	-337.32	-351.28	83.22	129.25	274.03
31050	82.20	13.12	17.16	-267.61	-267.20	-285.25	76.89	123.53	199.25
31051	83.01	12.93	17.16	-200.78	-202.45	-228.60	80.55	106.66	128.31
31052	83.81	12.71	17.16	-122.35	-155.26	-172.82	85.01	63.48	72.34
31053	84.60	12.45	17.16	-62.73	-124.56	-128.38	79.06	27.69	39.86
31054	85.37	12.16	17.16	-18.16	-102.39	-92.48	72.86	-4.12	19.53
31055	86.12	11.84	17.16	15.84	-89.43	-63.07	64.96	-33.57	10.47
31056	78.88	14.50	17.16	-402.85	-62.32	-150.56	68.96	-52.74	-14.85
31057	79.74	14.45	17.16	-351.13	-69.64	-141.37	87.26	-56.44	-10.48
31058	80.59	14.36	17.16	-296.20	-75.30	-127.99	96.17	-57.67	-7.57
31059	81.44	14.22	17.16	-240.90	-76.41	-111.99	96.89	-58.92	-6.14
31060	82.28	14.04	17.16	-190.20	-72.77	-92.41	93.49	-59.38	-7.00
31061	83.11	13.81	17.16	-140.67	-66.74	-69.59	88.59	-64.53	-9.08
31062	83.92	13.54	17.16	-95.92	-61.93	-47.34	82.12	-72.93	-9.22
31063	84.71	13.22	17.16	-56.49	-58.97	-26.68	73.75	-84.21	-5.80
31064	85.49	12.87	17.16	-26.25	-57.39	-8.85	63.84	-93.97	1.17
31065	86.24	12.47	17.16	-4.37	-56.74	6.21	54.35	-101.89	10.26
31066	89.84	9.32	17.16	31.34	-76.81	28.73	22.45	-92.73	52.55
31067	89.35	9.94	17.16	28.99	-70.14	30.45	25.26	-99.42	50.36
31068	88.82	10.54	17.16	25.79	-64.38	32.14	27.89	-106.21	46.55
31069	89.15	9.28	17.16	70.21	-99.34	-11.25	25.15	-69.32	25.91
31070	88.80	9.82	17.16	63.14	-91.12	-9.90	29.78	-73.92	25.28
31071	88.43	10.34	17.16	54.47	-83.30	-7.74	33.92	-79.05	24.45
31072	88.47	9.23	17.16	94.34	-120.59	-37.22	25.73	-43.02	21.06
31073	88.26	9.70	17.16	85.35	-111.06	-36.13	31.43	-48.15	18.66
31074	88.03	10.15	17.16	74.40	-101.40	-33.15	36.43	-52.73	17.35
31075	86.95	12.04	17.16	10.21	-57.25	17.33	45.75	-107.21	20.18
31076	86.79	11.50	17.16	35.96	-83.28	-41.81	55.69	-54.25	9.17
31077	86.64	10.96	17.16	50.54	-115.07	-72.22	53.80	-12.56	18.47
31078	87.61	11.58	17.16	18.87	-58.94	24.65	38.13	-109.92	30.50
31079	87.38	11.15	17.16	45.76	-81.19	-26.12	47.14	-67.64	13.59
31080	87.16	10.73	17.16	63.04	-106.27	-54.45	48.35	-32.65	15.18
31081	88.24	11.08	17.16	22.91	-60.82	31.02	32.06	-109.36	40.50
31082	87.95	10.79	17.16	49.27	-79.95	-12.13	39.41	-76.95	20.18
31083	87.67	10.49	17.16	67.82	-100.70	-39.15	41.98	-49.14	15.95
31084	86.70	9.30	15.47	-310.73	-127.88	-396.59	-119.58	341.28	225.67
31085	87.44	9.27	15.47	-218.72	-97.89	-281.86	-82.27	205.69	168.02
31086	88.18	9.24	15.47	-144.21	-73.99	-198.41	-51.11	104.23	130.89

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
31087	86.80	9.90	15.47	-255.50	-103.03	-346.27	-108.09	262.30	202.81
31088	87.44	9.82	15.47	-186.42	-79.92	-259.38	-74.77	163.09	157.60
31089	88.08	9.72	15.47	-129.28	-61.84	-189.96	-47.80	85.44	127.12
31090	86.88	10.50	15.47	-200.41	-76.62	-298.73	-92.81	188.65	177.54
31091	87.43	10.36	15.47	-153.07	-61.48	-234.23	-66.32	121.09	146.13
31092	87.98	10.20	15.47	-111.05	-49.23	-179.22	-43.55	64.46	122.67
31093	78.85	9.53	15.47	-773.29	-155.61	-4940.91	34.75	506.88	15.02
31094	79.64	9.53	15.47	-499.90	-162.50	-4767.87	181.63	524.86	93.33
31095	80.44	9.52	15.47	-308.58	-173.58	-4627.04	136.83	602.94	252.06
31096	81.23	9.50	15.47	-316.62	-150.25	-4342.11	96.76	914.19	474.76
31097	82.02	9.49	15.47	-264.35	-93.16	-3610.34	15.83	1216.53	654.23
31098	82.81	9.46	15.47	-150.62	-164.38	-2974.05	37.85	1192.82	803.53
31099	83.60	9.44	15.47	-630.21	-242.57	-2241.23	-155.91	1388.55	723.08
31100	84.38	9.41	15.47	-609.32	-227.22	-1399.67	-215.39	1077.80	581.37
31101	85.16	9.37	15.47	-538.47	-202.23	-888.92	-205.24	780.94	428.99
31102	85.95	9.33	15.47	-421.32	-161.83	-578.64	-161.43	527.24	306.11
31103	78.86	10.60	15.47	-474.04	215.59	-5115.54	-53.40	551.92	984.16
31104	79.68	10.59	15.47	-389.25	127.23	-4840.94	16.76	640.60	1017.20
31105	80.50	10.56	15.47	-255.75	25.41	-4372.10	9.89	915.39	1111.67
31106	81.31	10.52	15.47	-181.05	22.47	-3880.88	120.04	1013.44	1130.40
31107	82.12	10.46	15.47	-365.77	85.92	-3132.29	-56.12	1344.66	957.06
31108	82.92	10.39	15.47	-345.42	-84.58	-2304.65	-211.44	1187.98	912.17
31109	83.72	10.31	15.47	-610.77	-270.20	-1636.32	-318.98	1140.11	788.12
31110	84.52	10.22	15.47	-550.26	-222.92	-1047.35	-266.88	847.05	553.76
31111	85.30	10.12	15.47	-445.28	-173.60	-696.96	-207.09	596.46	387.34
31112	86.08	10.00	15.47	-342.77	-132.56	-479.77	-151.57	401.92	272.61
31113	78.87	11.67	15.47	-265.13	70.56	-4164.68	-143.68	452.25	1861.26
31114	79.71	11.65	15.47	-216.82	55.46	-3864.28	-139.34	627.27	1735.76
31115	80.55	11.60	15.47	-132.52	46.65	-3365.21	-196.40	887.99	1537.87
31116	81.39	11.53	15.47	-194.86	-218.66	-2871.10	-254.55	952.22	1466.02
31117	82.21	11.44	15.47	-499.35	-483.90	-2316.95	-386.54	1119.93	1344.06
31118	83.03	11.33	15.47	-497.64	-382.31	-1631.55	-390.66	997.48	993.76
31119	83.84	11.19	15.47	-453.63	-265.57	-1120.90	-329.72	792.43	686.97
31120	84.65	11.04	15.47	-416.85	-197.66	-780.67	-261.44	602.09	476.29
31121	85.44	10.87	15.47	-340.82	-139.85	-550.83	-189.76	427.04	329.56
31122	86.22	10.68	15.47	-262.01	-100.02	-396.87	-132.03	286.26	232.83
31123	78.88	12.74	15.47	-183.54	-896.92	-2559.68	-156.50	274.99	1935.24
31124	79.75	12.71	15.47	-174.91	-832.22	-2380.23	-222.04	435.12	1792.40
31125	80.61	12.64	15.47	-185.40	-759.28	-2131.68	-308.55	586.92	1601.70
31126	81.46	12.55	15.47	-245.67	-606.52	-1746.11	-387.55	711.16	1296.66
31127	82.30	12.42	15.47	-280.72	-445.41	-1334.16	-369.38	678.51	975.07
31128	83.14	12.26	15.47	-318.86	-338.51	-1021.82	-336.64	605.06	729.66
31129	83.96	12.08	15.47	-309.86	-230.65	-773.75	-279.93	500.82	526.50
31130	84.77	11.86	15.47	-275.48	-149.27	-578.66	-214.09	384.74	370.68
31131	85.57	11.62	15.47	-232.07	-97.68	-430.94	-154.71	276.16	262.23
31132	86.35	11.35	15.47	-181.49	-64.99	-318.79	-104.96	181.64	190.00
31133	78.89	13.81	15.47	-14.91	-647.92	-1271.83	-101.04	109.67	1084.34
31134	79.78	13.77	15.47	-27.03	-594.09	-1191.14	-157.75	200.83	1005.98
31135	80.66	13.69	15.47	-46.57	-516.79	-1081.35	-212.93	278.90	896.36
31136	81.53	13.56	15.47	-81.15	-416.47	-954.42	-249.43	327.16	761.29
31137	82.39	13.40	15.47	-123.30	-307.05	-810.90	-255.52	343.01	610.66
31138	83.24	13.20	15.47	-145.20	-210.32	-659.73	-229.41	315.44	466.51
31139	84.08	12.96	15.47	-153.54	-138.19	-524.95	-192.45	266.57	348.74
31140	84.90	12.69	15.47	-145.33	-84.27	-408.99	-149.39	207.48	256.69
31141	85.70	12.37	15.47	-125.53	-49.52	-310.20	-107.51	145.59	189.14
31142	86.48	12.03	15.47	-100.08	-30.55	-227.06	-71.82	87.37	143.61
31143	78.90	14.88	15.47	121.38	-226.65	-602.65	-35.96	-0.88	439.92
31144	79.80	14.83	15.47	110.84	-205.94	-570.22	-65.33	40.07	412.38
31145	80.70	14.73	15.47	96.26	-176.93	-526.91	-91.03	74.56	374.25
31146	81.59	14.58	15.47	74.52	-139.96	-472.73	-109.82	100.84	325.69
31147	82.47	14.39	15.47	47.41	-99.60	-410.11	-116.43	113.64	270.36
31148	83.34	14.14	15.47	20.12	-63.21	-342.44	-109.54	111.28	214.71
31149	84.18	13.85	15.47	0.33	-35.50	-272.90	-92.71	93.93	165.44
31150	85.01	13.51	15.47	-11.30	-17.40	-206.66	-72.15	66.93	127.03
31151	85.82	13.13	15.47	-14.78	-7.59	-146.42	-51.02	35.23	99.92
31152	86.61	12.70	15.47	-11.72	-5.21	-92.96	-32.18	2.65	83.33
31153	90.32	9.34	15.47	9.46	-36.88	48.57	2.86	-85.57	97.55
31154	89.82	10.00	15.47	10.11	-30.99	41.34	2.05	-84.38	92.64
31155	89.28	10.64	15.47	10.47	-25.03	32.40	1.07	-80.56	85.96
31156	89.61	9.29	15.47	-33.14	-40.87	-50.02	-6.46	-35.91	98.46
31157	89.25	9.87	15.47	-32.04	-34.15	-52.75	-8.08	-36.20	97.97
31158	88.87	10.43	15.47	-30.36	-27.77	-54.99	-10.11	-35.76	96.24
31159	88.90	9.25	15.47	-82.45	-54.65	-127.28	-24.90	24.74	107.95
31160	88.68	9.74	15.47	-77.30	-46.18	-126.08	-25.02	18.96	107.68
31161	88.46	10.22	15.47	-72.09	-37.91	-122.35	-25.65	14.07	107.22
31162	87.34	12.24	15.47	-6.21	-6.98	-49.32	-17.50	-26.41	75.93
31163	87.18	11.67	15.47	-76.35	-21.80	-164.23	-45.60	40.93	116.68
31164	87.01	11.09	15.47	-139.81	-47.02	-242.85	-70.83	112.72	147.97
31165	88.03	11.75	15.47	0.24	-12.50	-14.95	-7.61	-50.10	75.84
31166	87.79	11.30	15.47	-56.01	-20.90	-117.01	-28.60	6.49	103.71
31167	87.55	10.85	15.47	-108.49	-39.04	-189.72	-49.52	67.02	126.47
31168	88.69	11.22	15.47	6.96	-18.53	14.67	-1.50	-68.58	79.61
31169	88.38	10.90	15.47	-37.92	-22.59	-74.96	-16.41	-21.57	96.62
31170	88.08	10.59	15.47	-80.68	-35.58	-142.53	-33.34	28.34	112.51
31171	87.04	9.32	13.78	-246.51	-47.56	-651.39	-96.88	424.20	296.48
31172	87.81	9.29	13.78	-199.42	-40.43	-492.29	-75.46	305.94	244.59
31173	88.57	9.26	13.78	-148.00	-33.41	-365.69	-54.04	205.76	203.60
31174	87.15	9.96	13.78	-208.42	-38.78	-586.12	-100.02	356.04	287.52
31175	87.82	9.87	13.78	-169.82	-32.47	-461.91	-76.93	265.53	240.50
31176	88.48	9.77	13.78	-129.84	-27.45	-357.58	-56.05	187.45	202.31
31177	87.25	10.60	13.78	-164.18	-29.58	-523.52	-96.95	289.40	269.57
31178	87.82	10.44	13.78	-137.00	-25.02	-430.25	-76.07	225.09	231.25
31179	88.38	10.27	13.78	-108.18	-21.82	-348.97	-56.69	166.89	197.70
31180	78.86	9.57	13.78	-42.21	113.35	-4087.36	-91.85	554.29	632.64
31181	79.69	9.56	13.78	-69.22	114.75	-3809.84	-62.05	623.21	599.42
31182	80.52	9.55	13.78	-55.98	109.46	-3522.10	-15.79	717.44	602.71
31183	81.34	9.54	13.78	-30.68	85.55	-3173.92	-15.66	821.40	614.49
31184	82.17	9.52	13.78	-98.27	35.97	-2791.15	-28.00	897.31	617.05
31185	82.99	9.49	13.78	-198.04	22.54	-2341.32	-85.87	934.58	579.34

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
31186	83.81	9.46	13.78	-177.29	2.68	-1906.60	-90.86	873.68	542.79
31187	84.63	9.43	13.78	-263.86	-37.00	-1520.73	-110.74	824.69	493.85
31188	85.44	9.39	13.78	-290.59	-50.39	-1155.71	-120.16	702.61	429.04
31189	86.25	9.35	13.78	-281.71	-52.19	-866.61	-113.93	560.29	357.94
31190	78.88	10.71	13.78	50.68	105.81	-3835.14	-120.16	460.71	1077.62
31191	79.74	10.69	13.78	29.44	107.13	-3555.99	-101.88	596.56	1011.59
31192	80.59	10.66	13.78	-6.11	85.99	-3250.29	-95.36	697.58	957.23
31193	81.44	10.61	13.78	-49.02	39.72	-2877.20	-153.28	809.94	888.10
31194	82.28	10.55	13.78	-84.66	-25.11	-2473.72	-152.15	844.82	818.18
31195	83.12	10.48	13.78	-184.98	-42.91	-2065.06	-146.46	864.92	726.36
31196	83.95	10.39	13.78	-196.79	-29.76	-1657.04	-155.39	802.34	630.03
31197	84.78	10.30	13.78	-253.70	-46.80	-1300.19	-163.77	721.62	532.51
31198	85.60	10.19	13.78	-263.66	-49.09	-993.14	-149.43	596.70	433.92
31199	86.41	10.06	13.78	-242.82	-44.44	-756.35	-124.96	467.21	349.65
31200	78.89	11.85	13.78	136.51	-79.81	-3224.35	-139.43	350.46	1344.48
31201	79.78	11.82	13.78	92.34	-75.04	-2987.87	-160.62	504.30	1248.74
31202	80.65	11.76	13.78	25.19	-95.47	-2712.65	-174.01	607.56	1154.79
31203	81.52	11.69	13.78	-22.19	-65.48	-2392.34	-188.79	691.81	1030.04
31204	82.39	11.59	13.78	-37.70	-19.41	-2041.66	-199.99	725.09	888.10
31205	83.24	11.47	13.78	-128.66	-47.73	-1700.15	-209.71	728.50	766.21
31206	84.09	11.33	13.78	-188.64	-64.59	-1368.74	-209.72	673.79	641.82
31207	84.92	11.17	13.78	-210.30	-56.52	-1079.47	-188.96	582.59	518.54
31208	85.75	10.98	13.78	-210.39	-46.01	-843.55	-158.59	477.61	412.10
31209	86.56	10.78	13.78	-190.73	-35.93	-656.19	-124.73	372.90	326.89
31210	78.90	12.99	13.78	205.37	-180.96	-2447.57	-131.80	226.81	1337.71
31211	79.81	12.95	13.78	157.77	-157.04	-2284.23	-173.60	359.84	1237.65
31212	80.71	12.88	13.78	106.01	-134.36	-2073.61	-204.01	462.00	1115.91
31213	81.60	12.77	13.78	46.71	-136.73	-1844.45	-219.84	524.23	996.73
31214	82.49	12.64	13.78	-25.06	-136.34	-1599.40	-240.80	562.29	867.87
31215	83.36	12.47	13.78	-79.01	-107.44	-1338.24	-237.04	553.56	719.37
31216	84.22	12.27	13.78	-118.88	-80.08	-1095.02	-215.51	505.81	579.48
31217	85.06	12.04	13.78	-139.44	-57.10	-885.33	-184.46	436.94	460.76
31218	85.89	11.78	13.78	-140.85	-38.53	-709.10	-148.54	359.47	363.99
31219	86.70	11.50	13.78	-128.95	-26.48	-562.57	-113.43	281.86	288.05
31220	78.92	14.13	13.78	248.45	-300.29	-1737.47	-96.92	117.74	1079.40
31221	79.84	14.08	13.78	208.96	-268.44	-1639.53	-144.49	216.90	1005.67
31222	80.76	13.99	13.78	161.88	-231.11	-1512.37	-180.21	295.54	910.53
31223	81.68	13.86	13.78	109.88	-188.12	-1358.02	-203.39	350.11	796.87
31224	82.58	13.69	13.78	58.09	-145.11	-1190.57	-209.51	373.01	676.53
31225	83.47	13.47	13.78	8.73	-106.19	-1025.28	-202.32	370.21	560.66
31226	84.34	13.21	13.78	-28.36	-70.99	-866.52	-181.64	344.67	453.64
31227	85.19	12.92	13.78	-51.81	-44.05	-719.88	-153.29	302.32	361.27
31228	86.03	12.59	13.78	-62.26	-25.84	-588.81	-122.40	251.07	286.10
31229	86.84	12.22	13.78	-61.73	-15.34	-473.41	-92.74	197.01	227.38
31230	78.92	15.27	13.78	304.71	-183.31	-1282.40	-44.35	47.44	602.23
31231	79.87	15.22	13.78	273.67	-165.06	-1220.66	-80.95	109.88	564.27
31232	80.81	15.11	13.78	236.33	-140.12	-1141.07	-109.65	161.08	513.09
31233	81.74	14.95	13.78	193.71	-111.12	-1046.64	-128.55	198.28	452.25
31234	82.66	14.74	13.78	148.55	-81.17	-940.26	-136.42	219.57	386.01
31235	83.57	14.48	13.78	105.35	-53.54	-826.44	-133.31	223.40	319.81
31236	84.45	14.16	13.78	67.39	-30.88	-711.29	-121.53	211.72	258.95
31237	85.32	13.80	13.78	37.94	-14.30	-599.34	-103.80	187.67	206.51
31238	86.16	13.39	13.78	17.89	-4.28	-493.96	-83.52	155.18	164.39
31239	86.97	12.94	13.78	6.55	-0.20	-397.55	-63.62	118.26	132.71
31240	90.81	9.36	13.78	1.25	-26.15	-55.64	-9.30	-21.12	103.79
31241	90.30	10.07	13.78	2.38	-20.73	-89.31	-12.15	-12.26	100.19
31242	89.74	10.74	13.78	3.62	-15.02	-128.47	-15.90	0.10	95.55
31243	90.07	9.31	13.78	-44.90	-25.38	-156.77	-19.50	46.39	137.69
31244	89.70	9.92	13.78	-40.39	-20.85	-177.37	-23.71	50.17	137.39
31245	89.31	10.52	13.78	-34.86	-16.42	-200.77	-28.29	55.10	135.44
31246	89.32	9.26	13.78	-94.93	-28.37	-258.33	-34.30	119.41	168.77
31247	89.11	9.79	13.78	-85.34	-23.48	-265.99	-37.88	115.12	169.19
31248	88.88	10.30	13.78	-75.11	-19.01	-273.43	-41.63	111.80	167.97
31249	87.74	12.45	13.78	1.49	-0.01	-313.84	-46.15	82.28	111.63
31250	87.56	11.83	13.78	-55.67	-10.41	-381.42	-68.60	149.44	186.58
31251	87.38	11.22	13.78	-111.90	-19.61	-456.12	-85.94	218.55	236.56
31252	88.45	11.92	13.78	0.54	-3.68	-242.11	-32.60	50.26	99.99
31253	88.19	11.44	13.78	-47.36	-10.33	-308.94	-50.92	110.44	160.76
31254	87.94	10.96	13.78	-95.17	-16.94	-379.30	-66.69	171.85	204.18
31255	89.13	11.36	13.78	2.57	-8.54	-178.51	-22.37	21.80	94.07
31256	88.81	11.02	13.78	-37.41	-12.32	-243.57	-36.78	75.54	141.28
31257	88.49	10.69	13.78	-77.63	-17.13	-310.29	-50.75	129.49	178.58
31258	87.38	9.34	12.09	-141.27	-33.62	-784.93	-70.36	403.79	313.14
31259	88.18	9.31	12.09	-125.78	-35.23	-629.47	-58.84	318.91	269.90
31260	88.97	9.27	12.09	-102.02	-35.24	-498.03	-46.55	238.84	230.51
31261	87.50	10.01	12.09	-119.66	-33.88	-733.39	-78.32	353.33	311.10
31262	88.19	9.91	12.09	-106.57	-33.70	-608.82	-64.41	285.86	268.46
31263	88.88	9.81	12.09	-88.60	-33.17	-500.32	-51.06	222.32	229.91
31264	87.61	10.69	12.09	-93.44	-34.04	-686.30	-81.54	301.37	297.04
31265	88.20	10.52	12.09	-85.03	-32.42	-590.59	-67.75	251.66	259.97
31266	88.79	10.35	12.09	-73.13	-31.22	-505.36	-54.28	203.45	225.16
31267	78.88	9.60	12.09	235.16	75.16	-3366.97	-81.45	403.66	735.18
31268	79.74	9.60	12.09	182.15	71.54	-3152.84	-70.91	512.22	692.79
31269	80.60	9.58	12.09	133.76	61.19	-2905.06	-70.08	595.06	656.34
31270	81.46	9.57	12.09	79.90	46.32	-2637.24	-68.65	654.11	622.94
31271	82.32	9.55	12.09	37.28	33.69	-2348.33	-75.37	693.49	587.51
31272	83.17	9.52	12.09	-8.13	11.82	-2048.75	-74.56	708.08	552.80
31273	84.02	9.49	12.09	-75.17	-4.77	-1745.93	-84.14	693.33	510.05
31274	84.87	9.46	12.09	-104.34	-12.64	-1457.77	-86.37	639.84	460.89
31275	85.72	9.42	12.09	-132.36	-22.99	-1201.72	-84.96	573.12	409.99
31276	86.56	9.37	12.09	-144.36	-29.58	-974.58	-79.39	490.75	359.39
31277	78.90	10.81	12.09	276.55	35.24	-3123.56	-95.52	329.00	970.50
31278	79.79	10.79	12.09	215.29	34.59	-2926.12	-104.04	447.74	907.11
31279	80.68	10.75	12.09	162.37	28.62	-2688.33	-111.77	541.35	841.66
31280	81.57	10.70	12.09	106.87	20.20	-2425.00	-107.87	604.25	778.89
31281	82.45	10.64	12.09	45.19	13.70	-2144.57	-117.67	641.61	712.69
31282	83.32	10.56	12.09	-1.77	0.89	-1856.56	-126.18	645.92	639.76
31283	84.18	10.47	12.09	-60.49	-16.67	-1579.16	-123.57	622.56	564.70
31284	85.04	10.37	12.09	-92.28	-23.83	-1321.02	-116.36	570.29	493.04

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
31285	85.89	10.25	12.09	-115.98	-29.59	-1092.13	-106.61	504.68	425.31
31286	86.73	10.12	12.09	-124.34	-32.55	-892.20	-92.79	427.96	362.32
31287	78.91	12.02	12.09	304.67	-53.80	-2724.72	-96.65	241.63	1103.69
31288	79.84	11.99	12.09	246.78	-44.84	-2561.59	-120.50	360.34	1032.18
31289	80.75	11.93	12.09	192.25	-36.59	-2359.11	-139.30	453.83	949.44
31290	81.66	11.85	12.09	130.98	-41.40	-2128.46	-153.55	518.73	860.44
31291	82.56	11.74	12.09	61.80	-51.93	-1884.08	-158.90	550.66	768.24
31292	83.45	11.62	12.09	13.27	-46.09	-1637.54	-157.14	551.13	672.26
31293	84.33	11.47	12.09	-32.28	-41.25	-1401.63	-148.30	528.81	579.21
31294	85.20	11.29	12.09	-67.96	-39.96	-1182.56	-135.70	484.65	493.31
31295	86.05	11.10	12.09	-88.70	-37.79	-986.67	-118.57	425.89	415.72
31296	86.89	10.88	12.09	-96.07	-35.55	-816.04	-98.93	360.03	347.63
31297	78.93	13.23	12.09	319.44	-167.32	-2272.48	-84.20	157.17	1074.97
31298	79.88	13.19	12.09	269.56	-150.96	-2147.26	-120.34	264.00	1007.62
31299	80.82	13.11	12.09	213.04	-135.25	-1990.86	-146.06	346.39	925.95
31300	81.75	13.00	12.09	155.43	-113.21	-1810.57	-163.69	404.15	830.86
31301	82.67	12.85	12.09	101.06	-91.24	-1617.16	-168.28	434.01	730.25
31302	83.58	12.67	12.09	47.12	-77.60	-1423.27	-166.07	439.62	633.18
31303	84.47	12.46	12.09	1.94	-65.00	-1234.33	-156.16	423.51	540.35
31304	85.35	12.22	12.09	-31.23	-53.20	-1056.61	-139.49	389.24	454.32
31305	86.21	11.95	12.09	-52.15	-43.61	-895.17	-119.03	342.87	378.25
31306	87.05	11.64	12.09	-61.55	-36.72	-751.56	-97.13	290.38	313.08
31307	78.94	14.44	12.09	328.11	-207.79	-1896.11	-60.17	88.76	887.84
31308	79.91	14.39	12.09	287.11	-189.13	-1803.60	-99.01	173.45	834.89
31309	80.87	14.30	12.09	239.10	-166.45	-1687.11	-127.84	240.92	767.08
31310	81.83	14.15	12.09	187.15	-143.12	-1554.30	-145.98	288.85	690.62
31311	82.77	13.97	12.09	134.65	-119.13	-1410.24	-154.75	317.84	608.98
31312	83.69	13.74	12.09	86.52	-94.65	-1259.61	-153.23	326.78	525.53
31313	84.60	13.47	12.09	44.79	-72.91	-1109.71	-143.40	317.72	445.79
31314	85.49	13.15	12.09	12.06	-54.91	-965.78	-127.46	294.55	373.35
31315	86.36	12.80	12.09	-10.66	-41.14	-831.02	-108.01	261.26	310.03
31316	87.20	12.41	12.09	-23.96	-31.71	-707.14	-87.63	222.00	256.49
31317	78.95	15.66	12.09	325.54	-165.93	-1726.48	-31.73	46.64	600.24
31318	79.94	15.60	12.09	293.37	-151.98	-1651.22	-65.72	107.63	566.79
31319	80.92	15.48	12.09	254.63	-133.00	-1557.19	-92.08	157.75	522.53
31320	81.89	15.31	12.09	211.94	-110.94	-1447.53	-109.93	195.19	470.51
31321	82.85	15.09	12.09	167.99	-88.00	-1326.43	-118.89	218.57	414.44
31322	83.80	14.81	12.09	125.46	-66.17	-1198.47	-119.59	228.04	357.89
31323	84.72	14.48	12.09	87.27	-46.90	-1067.78	-113.06	224.44	303.78
31324	85.62	14.09	12.09	55.34	-31.60	-938.36	-101.17	209.69	254.75
31325	86.50	13.66	12.09	30.80	-20.79	-813.55	-86.06	186.54	212.57
31326	87.34	13.18	12.09	13.72	-14.42	-695.96	-69.87	157.76	177.73
31327	91.29	9.38	12.09	-8.05	-30.56	-208.39	-12.43	24.90	111.93
31328	90.77	10.13	12.09	-7.16	-25.49	-266.65	-16.53	36.28	113.30
31329	90.20	10.84	12.09	-5.74	-20.35	-332.10	-21.88	50.54	114.64
31330	90.52	9.33	12.09	-40.73	-33.29	-291.19	-23.23	92.41	153.19
31331	90.15	9.98	12.09	-36.27	-29.80	-332.16	-28.19	96.57	155.05
31332	89.75	10.61	12.09	-30.78	-26.24	-378.18	-33.48	101.78	155.86
31333	89.75	9.28	12.09	-72.61	-35.07	-387.30	-34.19	162.56	191.75
31334	89.53	9.83	12.09	-64.45	-32.27	-409.42	-38.98	158.12	192.85
31335	89.30	10.37	12.09	-55.33	-29.56	-433.88	-43.70	154.54	192.19
31336	88.13	12.66	12.09	3.20	-11.58	-589.61	-54.39	127.77	151.43
31337	87.95	12.00	12.09	-29.91	-26.01	-603.64	-69.48	184.66	216.40
31338	87.76	11.35	12.09	-62.62	-32.16	-641.54	-78.65	243.39	265.25
31339	88.87	12.10	12.09	-2.56	-12.38	-494.41	-41.25	99.41	133.06
31340	88.60	11.58	12.09	-31.28	-23.87	-518.24	-54.88	151.97	188.33
31341	88.34	11.08	12.09	-59.38	-29.52	-558.95	-64.45	205.80	232.38
31342	89.57	11.50	12.09	-4.52	-14.94	-407.40	-30.13	72.47	120.02
31343	89.23	11.14	12.09	-29.42	-23.46	-439.57	-42.18	120.86	165.29
31344	88.90	10.79	12.09	-53.64	-28.84	-483.33	-51.80	169.77	204.55
31345	87.72	9.35	10.41	-68.76	-55.47	-846.13	-53.55	351.56	310.06
31346	88.54	9.32	10.41	-69.18	-57.14	-709.65	-46.20	290.28	272.55
31347	89.37	9.29	10.41	-62.49	-56.98	-590.69	-38.19	228.75	236.75
31348	87.85	10.06	10.41	-57.85	-57.80	-816.91	-61.06	311.91	310.31
31349	88.57	9.96	10.41	-58.33	-57.17	-705.42	-51.81	262.68	272.92
31350	89.28	9.86	10.41	-54.01	-55.82	-606.07	-42.59	213.77	237.89
31351	87.97	10.78	10.41	-44.39	-59.14	-794.78	-65.19	270.36	299.98
31352	88.58	10.60	10.41	-46.10	-56.61	-706.31	-55.55	233.87	267.19
31353	89.19	10.42	10.41	-44.45	-54.21	-625.91	-45.85	196.88	235.73
31354	78.90	9.64	10.41	353.33	7.79	-2856.22	-48.25	281.06	715.76
31355	79.79	9.63	10.41	297.11	7.40	-2693.20	-54.38	376.22	674.48
31356	80.69	9.62	10.41	239.73	3.30	-2502.96	-56.99	450.41	634.95
31357	81.58	9.60	10.41	184.85	-3.26	-2291.53	-60.14	504.34	596.47
31358	82.47	9.58	10.41	128.84	-12.85	-2067.14	-62.05	536.55	558.40
31359	83.35	9.55	10.41	75.76	-21.65	-1837.78	-66.09	546.52	518.32
31360	84.24	9.52	10.41	32.12	-31.33	-1611.13	-67.04	536.77	476.89
31361	85.12	9.48	10.41	-10.38	-40.98	-1393.24	-67.13	509.70	434.64
31362	86.00	9.44	10.41	-39.79	-47.45	-1189.59	-64.70	465.48	391.77
31363	86.87	9.39	10.41	-59.37	-52.24	-1005.81	-59.88	411.12	349.31
31364	78.92	10.92	10.41	359.97	-35.77	-2669.95	-52.09	217.97	860.97
31365	79.85	10.89	10.41	306.23	-32.47	-2521.98	-68.37	318.68	810.78
31366	80.78	10.85	10.41	247.52	-32.90	-2343.35	-79.28	396.66	756.83
31367	81.70	10.80	10.41	188.94	-36.25	-2143.61	-88.94	451.56	699.09
31368	82.61	10.73	10.41	133.34	-41.90	-1931.53	-92.84	483.61	639.13
31369	83.51	10.65	10.41	78.66	-47.02	-1716.45	-93.43	493.05	579.49
31370	84.41	10.55	10.41	34.33	-50.14	-1505.36	-92.41	482.18	520.05
31371	85.30	10.44	10.41	-4.70	-53.82	-1305.28	-87.79	454.60	461.39
31372	86.18	10.32	10.41	-32.10	-56.03	-1120.55	-80.25	413.05	405.68
31373	87.05	10.18	10.41	-49.76	-57.32	-954.25	-70.69	363.19	353.87
31374	78.93	12.20	10.41	357.35	-106.63	-2419.16	-49.46	153.71	926.53
31375	79.90	12.16	10.41	307.88	-98.29	-2292.75	-75.54	250.65	873.22
31376	80.86	12.10	10.41	251.68	-92.11	-2136.85	-94.24	326.64	810.71
31377	81.80	12.01	10.41	194.53	-85.51	-1961.43	-105.89	379.64	742.40
31378	82.74	11.90	10.41	140.59	-78.73	-1774.79	-112.42	411.37	670.69
31379	83.66	11.76	10.41	87.76	-75.56	-1584.82	-113.37	422.03	598.39
31380	84.58	11.60	10.41	43.15	-72.25	-1398.76	-109.40	413.02	527.84
31381	85.48	11.42	10.41	7.34	-68.37	-1222.58	-100.97	389.06	460.93
31382	86.36	11.21	10.41	-19.20	-64.81	-1059.53	-89.81	353.71	399.13
31383	87.23	10.98	10.41	-36.33	-61.61	-911.36	-76.94	310.93	343.19

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
31384	78.95	13.48	10.41	346.38	-170.77	-2165.03	-40.14	94.88	890.50
31385	79.94	13.43	10.41	302.89	-158.37	-2061.44	-71.97	180.09	841.84
31386	80.92	13.35	10.41	253.22	-144.09	-1932.98	-96.01	248.60	781.22
31387	81.90	13.23	10.41	200.43	-130.56	-1787.05	-111.52	298.15	713.23
31388	82.85	13.07	10.41	147.74	-117.32	-1630.77	-119.71	328.47	641.30
31389	83.80	12.88	10.41	99.87	-103.02	-1470.26	-120.27	340.34	568.11
31390	84.73	12.66	10.41	57.97	-89.96	-1311.61	-114.87	335.96	497.20
31391	85.64	12.40	10.41	23.55	-78.77	-1159.22	-105.04	318.37	430.93
31392	86.53	12.11	10.41	-2.33	-69.41	-1015.98	-92.14	290.78	370.56
31393	87.40	11.79	10.41	-19.74	-62.10	-883.65	-77.67	256.45	316.62
31394	78.96	14.76	10.41	326.70	-199.88	-1986.39	-26.94	48.43	761.24
31395	79.98	14.70	10.41	290.70	-186.56	-1900.10	-59.98	117.85	722.73
31396	80.98	14.60	10.41	248.18	-169.43	-1794.10	-85.42	174.88	673.14
31397	81.98	14.45	10.41	202.50	-149.52	-1672.81	-102.76	217.80	615.54
31398	82.96	14.25	10.41	156.67	-128.87	-1541.32	-111.72	245.59	553.66
31399	83.92	14.01	10.41	112.99	-109.42	-1404.71	-113.39	258.94	491.10
31400	84.86	13.72	10.41	74.13	-91.71	-1266.95	-108.80	259.14	430.29
31401	85.79	13.39	10.41	41.65	-76.41	-1131.59	-99.41	248.14	373.25
31402	86.69	13.01	10.41	16.36	-64.04	-1001.49	-86.85	228.43	321.44
31403	87.56	12.60	10.41	-1.62	-54.69	-878.48	-72.75	202.64	275.56
31404	78.97	16.04	10.41	299.51	-161.61	-1947.43	-14.99	19.28	584.88
31405	80.00	15.98	10.41	270.97	-151.14	-1869.32	-44.49	72.21	557.63
31406	81.03	15.86	10.41	236.67	-136.35	-1773.95	-67.83	116.73	521.75
31407	82.04	15.68	10.41	198.90	-118.97	-1664.62	-84.24	151.28	479.72
31408	83.04	15.44	10.41	160.08	-100.52	-1544.68	-93.61	175.14	433.93
31409	84.03	15.14	10.41	122.51	-82.47	-1417.61	-96.25	188.13	386.76
31410	84.99	14.79	10.41	88.11	-66.26	-1286.96	-93.07	190.89	340.55
31411	85.92	14.38	10.41	58.43	-52.79	-1155.96	-85.34	184.73	297.17
31412	86.83	13.92	10.41	34.38	-42.55	-1027.41	-74.54	171.35	257.96
31413	87.71	13.41	10.41	16.19	-35.68	-903.62	-62.17	152.60	223.56
31414	91.78	9.40	10.41	-13.38	-45.95	-339.31	-10.29	49.00	128.13
31415	91.24	10.19	10.41	-12.63	-41.28	-413.30	-14.56	59.66	135.47
31416	90.66	10.95	10.41	-11.08	-36.74	-494.58	-20.12	72.06	143.44
31417	90.98	9.35	10.41	-33.30	-51.91	-407.46	-20.51	106.85	164.73
31418	90.60	10.03	10.41	-29.56	-48.74	-463.12	-24.99	110.02	170.59
31419	90.19	10.69	10.41	-24.89	-45.42	-524.32	-29.81	113.90	176.10
31420	90.18	9.29	10.41	-50.25	-55.79	-490.86	-29.44	166.46	200.53
31421	89.96	9.88	10.41	-44.33	-53.51	-525.84	-33.77	161.57	204.08
31422	89.72	10.45	10.41	-37.32	-51.00	-564.26	-37.97	157.42	206.47
31423	88.53	12.86	10.41	3.80	-31.83	-788.64	-49.65	131.67	195.44
31424	88.33	12.17	10.41	-12.64	-48.43	-772.30	-59.41	176.52	239.45
31425	88.13	11.48	10.41	-28.95	-56.74	-778.61	-64.86	223.63	275.49
31426	89.29	12.27	10.41	-4.16	-31.16	-682.93	-38.44	110.75	173.21
31427	89.01	11.73	10.41	-18.77	-45.15	-681.78	-48.00	152.57	212.31
31428	88.73	11.19	10.41	-32.72	-53.02	-697.22	-54.34	196.09	245.87
31429	90.01	11.64	10.41	-8.40	-32.34	-584.06	-28.27	89.85	155.23
31430	89.66	11.26	10.41	-21.51	-43.35	-596.84	-37.54	128.71	188.83
31431	89.31	10.89	10.41	-33.80	-50.95	-621.33	-44.52	168.63	219.80
31432	88.06	9.37	8.72	-23.87	-87.70	-870.97	-39.56	293.56	302.58
31433	88.91	9.34	8.72	-32.59	-86.88	-753.14	-34.33	248.30	270.06
31434	89.76	9.30	8.72	-35.35	-84.43	-648.61	-28.38	201.16	238.84
31435	88.20	10.12	8.72	-20.27	-88.91	-861.82	-44.96	260.60	305.56
31436	88.95	10.01	8.72	-27.54	-86.21	-763.64	-38.37	224.50	273.41
31437	89.68	9.90	8.72	-30.60	-82.86	-674.62	-31.57	187.43	243.04
31438	88.33	10.87	8.72	-15.22	-88.26	-861.11	-47.96	226.13	300.63
31439	88.97	10.69	8.72	-21.72	-84.34	-780.24	-41.00	199.78	272.32
31440	89.59	10.49	8.72	-25.39	-80.48	-705.46	-33.88	172.31	245.02
31441	78.92	9.67	8.72	398.02	-63.45	-2483.30	-11.26	178.97	661.21
31442	79.84	9.66	8.72	345.72	-62.57	-2355.80	-23.07	260.35	627.43
31443	80.77	9.65	8.72	291.15	-63.79	-2205.08	-32.15	325.49	592.50
31444	81.70	9.63	8.72	235.81	-66.86	-2038.02	-38.74	373.34	556.92
31445	82.62	9.61	8.72	182.51	-70.80	-1860.78	-43.86	403.96	520.68
31446	83.54	9.58	8.72	132.53	-75.44	-1679.05	-46.90	418.04	484.12
31447	84.45	9.54	8.72	86.53	-79.67	-1498.34	-48.76	416.10	447.18
31448	85.36	9.50	8.72	48.06	-83.14	-1323.64	-48.79	400.02	409.99
31449	86.27	9.46	8.72	16.02	-85.98	-1158.76	-47.22	372.55	373.01
31450	87.18	9.41	8.72	-7.88	-87.39	-1006.15	-43.98	335.78	336.60
31451	78.94	11.02	8.72	383.50	-102.25	-2363.24	-11.05	130.18	760.33
31452	79.91	10.99	8.72	334.42	-98.60	-2245.54	-30.15	212.55	721.04
31453	80.87	10.95	8.72	281.75	-96.29	-2104.18	-44.76	278.69	676.82
31454	81.83	10.89	8.72	227.85	-95.06	-1946.10	-54.71	327.34	629.57
31455	82.77	10.82	8.72	175.03	-94.44	-1778.34	-61.37	358.03	580.59
31456	83.71	10.73	8.72	126.40	-94.28	-1607.05	-64.73	371.90	530.61
31457	84.64	10.63	8.72	82.25	-94.37	-1437.82	-64.82	370.27	481.01
31458	85.56	10.52	8.72	45.40	-93.78	-1275.03	-62.47	355.36	432.79
31459	86.48	10.39	8.72	15.60	-92.72	-1121.99	-57.93	329.99	386.51
31460	87.38	10.24	8.72	-6.31	-91.02	-980.66	-51.61	296.70	342.82
31461	78.96	12.37	8.72	361.79	-149.81	-2219.54	-8.07	81.54	799.25
31462	79.96	12.33	8.72	317.83	-143.00	-2114.91	-32.99	159.53	759.14
31463	80.96	12.26	8.72	269.12	-135.84	-1988.21	-52.08	222.80	711.27
31464	81.94	12.17	8.72	218.46	-129.00	-1845.73	-65.56	269.98	658.02
31465	82.91	12.05	8.72	168.36	-122.57	-1693.93	-73.46	300.29	601.84
31466	83.87	11.90	8.72	122.12	-115.82	-1538.72	-76.57	314.73	544.86
31467	84.82	11.74	8.72	80.72	-109.40	-1384.97	-75.56	315.11	488.73
31468	85.75	11.54	8.72	45.79	-103.36	-1236.52	-71.31	303.36	434.85
31469	86.67	11.33	8.72	17.98	-97.64	-1096.25	-64.52	282.16	384.22
31470	87.57	11.08	8.72	-2.66	-92.46	-965.76	-56.10	254.18	337.48
31471	78.97	13.72	8.72	333.32	-187.53	-2094.10	-3.20	37.81	769.66
31472	80.01	13.67	8.72	295.72	-178.49	-2002.17	-31.33	106.71	733.38
31473	81.03	13.58	8.72	252.60	-167.43	-1890.94	-53.14	163.66	688.02
31474	82.04	13.45	8.72	207.05	-154.88	-1765.57	-68.51	206.97	636.30
31475	83.04	13.29	8.72	161.89	-141.82	-1631.18	-77.53	236.15	580.94
31476	84.02	13.09	8.72	119.09	-129.30	-1492.61	-80.97	251.68	524.51
31477	84.98	12.85	8.72	80.82	-117.46	-1353.92	-79.56	254.81	468.97
31478	85.92	12.58	8.72	48.36	-106.62	-1218.46	-74.31	247.44	415.92
31479	86.85	12.27	8.72	22.30	-97.11	-1088.68	-66.37	231.75	366.48
31480	87.75	11.93	8.72	2.72	-89.16	-966.12	-56.79	209.97	321.16
31481	78.98	15.07	8.72	299.27	-193.72	-2030.42	1.28	3.14	684.34
31482	80.04	15.01	8.72	268.27	-184.50	-1947.64	-26.69	60.05	654.97

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
31483	81.09	14.90	8.72	231.98	-171.83	-1848.19	-48.89	108.25	617.01
31484	82.13	14.74	8.72	192.81	-157.13	-1735.88	-64.76	146.11	572.93
31485	83.14	14.53	8.72	153.18	-141.51	-1614.51	-74.38	172.99	525.09
31486	84.15	14.28	8.72	115.38	-125.86	-1487.73	-78.13	188.94	475.70
31487	85.13	13.97	8.72	81.04	-111.22	-1358.94	-76.85	194.81	426.78
31488	86.08	13.62	8.72	51.42	-98.26	-1231.00	-71.63	191.92	379.91
31489	87.01	13.23	8.72	27.25	-87.36	-1106.20	-63.60	181.88	336.18
31490	87.92	12.79	8.72	8.74	-78.65	-986.17	-53.93	166.44	296.20
31491	78.99	16.43	8.72	260.34	-159.54	-2055.34	1.86	-20.40	577.31
31492	80.07	16.36	8.72	235.64	-152.01	-1976.89	-23.10	24.13	555.09
31493	81.14	16.23	8.72	206.26	-140.91	-1883.04	-43.23	62.77	525.86
31494	82.19	16.04	8.72	174.10	-127.44	-1776.50	-57.89	94.20	491.30
31495	83.23	15.79	8.72	141.06	-112.94	-1660.19	-66.89	117.65	453.23
31496	84.25	15.47	8.72	108.90	-98.64	-1537.08	-70.53	132.98	413.50
31497	85.25	15.10	8.72	79.19	-85.51	-1409.98	-69.46	140.55	373.71
31498	86.23	14.67	8.72	53.10	-74.30	-1281.53	-64.60	141.14	335.26
31499	87.17	14.19	8.72	31.36	-65.48	-1154.05	-57.03	135.85	299.22
31500	88.08	13.65	8.72	14.25	-59.20	-1029.56	-47.85	125.87	266.20
31501	92.26	9.42	8.72	-16.26	-66.71	-428.62	-4.97	56.55	148.77
31502	91.72	10.25	8.72	-15.82	-62.44	-511.39	-8.68	64.79	161.57
31503	91.12	11.05	8.72	-14.48	-58.42	-601.18	-13.62	73.65	175.20
31504	91.43	9.37	8.72	-26.55	-74.70	-487.97	-13.96	103.61	177.91
31505	91.05	10.08	8.72	-23.83	-71.64	-552.48	-17.42	105.09	188.19
31506	90.63	10.78	8.72	-20.33	-68.39	-622.35	-21.27	106.87	198.50
31507	90.60	9.31	8.72	-33.46	-80.82	-560.71	-21.48	151.84	207.72
31508	90.38	9.92	8.72	-29.59	-78.46	-604.50	-24.69	146.44	214.71
31509	90.15	10.52	8.72	-24.69	-75.66	-651.96	-27.82	141.53	221.09
31510	88.92	13.07	8.72	2.04	-55.37	-912.01	-38.17	113.42	237.69
31511	88.72	12.33	8.72	-3.67	-72.55	-880.38	-44.31	149.66	263.52
31512	88.51	11.61	8.72	-9.51	-83.11	-866.57	-47.89	187.84	285.77
31513	89.71	12.45	8.72	-6.31	-54.21	-802.19	-29.20	100.07	213.29
31514	89.42	11.87	8.72	-11.54	-68.99	-788.31	-35.72	133.60	237.53
31515	89.12	11.30	8.72	-16.32	-78.74	-787.69	-40.17	168.64	259.42
31516	90.45	11.78	8.72	-11.30	-54.75	-697.89	-20.71	85.99	192.04
31517	90.09	11.38	8.72	-16.34	-66.65	-700.75	-27.58	116.88	214.18
31518	89.72	10.98	8.72	-20.73	-75.83	-713.12	-32.76	148.85	235.51
31519	88.40	9.39	7.03	2.43	-120.64	-871.46	-26.14	238.96	296.01
31520	89.28	9.35	7.03	-10.31	-117.18	-769.23	-22.23	205.37	268.37
31521	90.16	9.32	7.03	-17.98	-112.39	-677.05	-17.49	169.22	241.87
31522	88.55	10.17	7.03	1.01	-120.17	-878.23	-29.06	210.83	303.17
31523	89.32	10.06	7.03	-9.30	-115.45	-791.02	-24.27	184.37	275.75
31524	90.09	9.94	7.03	-16.03	-110.28	-710.64	-19.16	156.37	249.73
31525	88.70	10.96	7.03	0.48	-117.23	-893.64	-30.30	181.32	304.59
31526	89.35	10.77	7.03	-7.89	-112.16	-819.00	-25.32	162.55	279.93
31527	90.00	10.57	7.03	-13.97	-107.14	-748.86	-20.17	142.43	256.15
31528	78.93	9.71	7.03	403.83	-127.51	-2202.09	21.94	94.83	600.88
31529	79.90	9.70	7.03	356.09	-125.73	-2097.41	6.62	164.12	573.71
31530	80.86	9.68	7.03	305.70	-124.89	-1974.56	-5.52	221.32	544.62
31531	81.81	9.66	7.03	254.86	-124.77	-1838.45	-15.00	265.32	514.25
31532	82.77	9.63	7.03	205.17	-125.17	-1693.93	-22.07	295.71	483.10
31533	83.72	9.60	7.03	158.26	-125.70	-1545.62	-27.14	312.65	451.43
31534	84.67	9.57	7.03	115.66	-126.09	-1397.61	-30.22	317.07	419.52
31535	85.61	9.53	7.03	78.02	-126.02	-1253.41	-31.54	310.15	387.65
31536	86.55	9.48	7.03	46.53	-125.14	-1115.87	-31.17	293.47	356.08
31537	87.49	9.43	7.03	21.25	-123.30	-987.10	-29.25	268.93	325.05
31538	78.96	11.12	7.03	374.97	-157.97	-2138.80	24.24	56.44	678.25
31539	79.96	11.09	7.03	331.25	-154.25	-2039.79	4.03	125.48	647.36
31540	80.96	11.05	7.03	284.03	-150.65	-1922.53	-11.96	182.65	612.03
31541	81.95	10.99	7.03	235.75	-147.26	-1792.27	-24.07	226.55	573.59
31542	82.94	10.91	7.03	188.57	-144.00	-1654.03	-32.47	256.86	533.24
31543	83.91	10.82	7.03	144.06	-140.68	-1512.50	-37.60	273.85	492.14
31544	84.87	10.71	7.03	103.98	-137.12	-1371.69	-39.90	278.64	451.09
31545	85.83	10.59	7.03	69.03	-133.34	-1234.91	-39.70	272.72	410.83
31546	86.77	10.46	7.03	40.07	-129.19	-1104.60	-37.49	257.89	371.98
31547	87.70	10.31	7.03	17.19	-124.72	-982.40	-33.61	236.13	335.00
31548	78.98	12.54	7.03	340.46	-188.07	-2074.80	26.49	18.47	711.05
31549	80.02	12.50	7.03	301.95	-182.51	-1982.83	2.87	83.33	679.88
31550	81.06	12.43	7.03	259.39	-175.84	-1873.78	-15.93	137.66	642.23
31551	82.08	12.33	7.03	215.25	-168.42	-1752.42	-29.84	179.86	600.05
31552	83.09	12.20	7.03	171.79	-160.59	-1623.41	-39.20	209.52	555.13
31553	84.08	12.05	7.03	130.75	-152.72	-1490.97	-44.38	226.94	509.06
31554	85.06	11.87	7.03	93.76	-144.86	-1358.77	-45.97	233.10	463.22
31555	86.03	11.67	7.03	61.72	-137.16	-1229.73	-44.61	229.56	418.69
31556	86.98	11.44	7.03	35.20	-129.76	-1105.96	-40.98	218.02	376.27
31557	87.91	11.19	7.03	14.33	-122.89	-988.86	-35.79	200.35	336.45
31558	78.99	13.97	7.03	301.56	-203.69	-2036.94	27.56	-16.00	696.19
31559	80.07	13.91	7.03	268.88	-197.24	-1951.24	2.75	41.33	667.90
31560	81.14	13.81	7.03	232.01	-188.40	-1850.16	-17.18	90.22	632.29
31561	82.19	13.68	7.03	193.16	-178.03	-1737.57	-31.96	129.15	591.39
31562	83.22	13.50	7.03	154.43	-166.85	-1617.35	-41.72	157.44	547.19
31563	84.24	13.29	7.03	117.72	-155.40	-1493.07	-46.85	175.25	501.50
31564	85.24	13.04	7.03	84.39	-144.25	-1367.86	-48.01	183.38	455.91
31565	86.21	12.76	7.03	55.44	-133.81	-1244.27	-45.97	183.05	411.65
31566	87.17	12.43	7.03	31.44	-124.33	-1124.26	-41.53	175.72	369.60
31567	88.10	12.08	7.03	12.51	-116.03	-1009.20	-35.51	162.95	330.27
31568	79.00	15.39	7.03	259.68	-194.33	-2047.18	25.59	-44.52	643.74
31569	80.11	15.32	7.03	232.85	-188.24	-1965.58	1.95	3.21	620.30
31570	81.20	15.21	7.03	202.04	-179.11	-1869.88	-17.25	44.89	589.92
31571	82.27	15.04	7.03	169.12	-167.90	-1763.06	-31.59	79.14	554.31
31572	83.33	14.82	7.03	135.92	-155.61	-1648.20	-41.03	105.23	515.23
31573	84.37	14.54	7.03	104.03	-143.15	-1528.24	-45.89	123.08	474.38
31574	85.39	14.22	7.03	74.82	-131.22	-1405.85	-46.76	133.11	433.22
31575	86.38	13.85	7.03	49.24	-120.35	-1283.37	-44.40	136.17	392.96
31576	87.34	13.44	7.03	27.86	-110.91	-1162.72	-39.64	133.32	354.51
31577	88.28	12.98	7.03	10.92	-103.08	-1045.36	-33.36	125.77	318.45
31578	79.01	16.81	7.03	216.05	-159.15	-2112.05	18.46	-65.90	575.59
31579	80.13	16.74	7.03	194.59	-154.21	-2032.40	-2.21	-28.29	557.34
31580	81.24	16.61	7.03	169.69	-146.35	-1938.94	-19.10	5.51	533.25
31581	82.34	16.40	7.03	142.77	-136.54	-1834.03	-31.71	34.35	504.53



Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
31582	83.42	16.14	7.03	115.27	-125.75	-1720.13	-39.92	57.54	472.48
31583	84.48	15.81	7.03	88.57	-114.89	-1599.73	-43.93	74.77	438.41
31584	85.52	15.42	7.03	63.82	-104.76	-1475.23	-44.21	86.16	403.56
31585	86.53	14.96	7.03	41.93	-95.96	-1348.87	-41.44	92.15	369.01
31586	87.50	14.45	7.03	23.46	-88.90	-1222.66	-36.43	93.39	335.60
31587	88.44	13.89	7.03	8.66	-83.71	-1098.37	-29.97	90.66	303.93
31588	92.75	9.44	7.03	-17.77	-89.93	-478.87	1.93	53.95	169.80
31589	92.19	10.32	7.03	-17.86	-86.20	-566.35	-0.70	59.13	187.21
31590	91.59	11.15	7.03	-17.12	-82.73	-660.66	-4.42	64.05	205.41
31591	91.89	9.38	7.03	-21.39	-98.87	-533.53	-5.50	91.71	192.21
31592	91.50	10.14	7.03	-19.82	-96.04	-603.08	-7.66	91.22	206.60
31593	91.07	10.87	7.03	-17.66	-92.96	-677.76	-10.25	90.59	221.12
31594	91.03	9.32	7.03	-21.94	-106.58	-598.82	-11.77	130.37	216.07
31595	90.81	9.97	7.03	-19.87	-104.15	-648.16	-13.64	124.31	226.66
31596	90.57	10.60	7.03	-16.93	-101.18	-701.17	-15.50	118.39	236.96
31597	89.32	13.27	7.03	-2.09	-80.44	-979.89	-22.96	85.40	275.43
31598	89.10	12.50	7.03	-0.90	-97.42	-940.50	-26.79	116.36	288.04
31599	88.88	11.74	7.03	-0.08	-109.58	-914.16	-29.57	148.76	298.95
31600	90.13	12.62	7.03	-9.62	-79.33	-868.20	-16.32	78.78	249.69
31601	89.82	12.01	7.03	-8.74	-93.96	-848.02	-20.73	106.76	262.76
31602	89.52	11.42	7.03	-7.69	-104.87	-837.60	-24.14	136.02	274.95
31603	90.90	11.92	7.03	-14.27	-79.63	-761.18	-9.87	71.01	226.13
31604	90.51	11.50	7.03	-13.98	-91.48	-759.30	-14.87	96.14	239.37
31605	90.14	11.08	7.03	-13.34	-101.48	-764.47	-18.87	122.35	252.59
31606	88.73	9.41	5.34	15.40	-152.23	-852.02	-14.41	192.28	290.99
31607	89.65	9.37	5.34	1.52	-146.59	-762.97	-11.23	167.51	268.25
31608	90.56	9.33	5.34	-7.98	-139.80	-681.46	-7.12	139.70	246.37
31609	88.90	10.23	5.34	10.66	-151.02	-871.44	-14.71	168.05	303.68
31610	89.70	10.11	5.34	-0.24	-144.49	-793.57	-11.07	148.76	280.41
31611	90.49	9.99	5.34	-8.12	-137.65	-720.68	-7.03	127.48	258.12
31612	89.06	11.05	5.34	6.50	-146.67	-899.64	-13.74	142.13	312.02
31613	89.73	10.85	5.34	-1.84	-140.44	-830.38	-10.17	128.92	290.11
31614	90.40	10.64	5.34	-8.31	-134.20	-764.33	-6.41	114.17	268.88
31615	78.95	9.74	5.34	386.17	-180.91	-1976.69	48.65	23.57	541.08
31616	79.95	9.73	5.34	342.35	-178.42	-1887.08	31.54	84.11	519.59
31617	80.94	9.71	5.34	296.60	-176.16	-1783.31	17.36	135.69	496.11
31618	81.93	9.69	5.34	250.44	-174.13	-1669.11	5.93	177.04	471.27
31619	82.92	9.66	5.34	205.38	-172.20	-1548.20	-3.00	207.60	445.54
31620	83.90	9.63	5.34	162.74	-170.18	-1424.07	-9.61	227.39	419.33
31621	84.88	9.59	5.34	123.57	-167.86	-1299.90	-14.13	236.85	392.93
31622	85.85	9.55	5.34	88.82	-165.04	-1178.42	-16.70	236.84	366.60
31623	86.83	9.51	5.34	58.99	-161.58	-1061.82	-17.50	228.49	340.56
31624	87.79	9.45	5.34	34.47	-157.25	-951.72	-16.64	213.05	314.98
31625	78.98	11.23	5.34	347.17	-207.14	-1958.03	52.69	-6.67	611.86
31626	80.02	11.20	5.34	307.77	-203.27	-1870.73	32.07	53.16	587.32
31627	81.06	11.15	5.34	265.90	-198.78	-1769.55	15.14	104.26	558.98
31628	82.08	11.08	5.34	223.31	-193.89	-1658.34	1.84	145.26	527.93
31629	83.10	11.00	5.34	181.62	-188.65	-1540.86	-8.07	175.54	495.15
31630	84.11	10.90	5.34	142.30	-183.11	-1420.58	-14.86	195.24	461.49
31631	85.10	10.79	5.34	106.45	-177.25	-1300.54	-18.85	204.95	427.70
31632	86.09	10.67	5.34	74.95	-171.03	-1183.19	-20.45	205.69	394.35
31633	87.06	10.52	5.34	48.25	-164.48	-1070.41	-20.00	198.70	361.89
31634	88.03	10.37	5.34	26.62	-157.67	-963.44	-17.84	185.37	330.70
31635	79.00	12.72	5.34	303.62	-226.41	-1953.61	54.71	-37.40	651.41
31636	80.08	12.67	5.34	269.57	-221.57	-1868.98	32.27	18.86	626.31
31637	81.16	12.59	5.34	232.69	-215.05	-1771.33	13.84	67.42	595.93
31638	82.22	12.49	5.34	194.77	-207.34	-1664.20	-0.46	106.80	561.69
31639	83.26	12.35	5.34	157.46	-198.84	-1550.99	-10.78	136.36	524.95
31640	84.29	12.19	5.34	122.23	-189.84	-1434.84	-17.44	156.17	486.94
31641	85.31	12.01	5.34	90.21	-180.63	-1318.45	-20.89	166.82	448.71
31642	86.30	11.79	5.34	62.19	-171.41	-1204.01	-21.64	169.27	411.11
31643	87.28	11.55	5.34	38.61	-162.36	-1093.14	-20.26	164.75	374.78
31644	88.24	11.29	5.34	19.56	-153.80	-986.92	-17.34	154.57	340.14
31645	79.01	14.21	5.34	257.52	-227.65	-1981.26	53.48	-66.61	656.46
31646	80.14	14.15	5.34	229.10	-222.79	-1898.38	31.29	-16.53	633.14
31647	81.24	14.05	5.34	197.82	-215.36	-1803.34	13.00	27.47	603.78
31648	82.33	13.90	5.34	165.27	-206.10	-1699.10	-1.14	63.93	569.86
31649	83.40	13.72	5.34	133.03	-195.71	-1588.55	-11.18	92.15	532.87
31650	84.46	13.50	5.34	102.43	-184.78	-1474.41	-17.43	112.05	494.20
31651	85.49	13.24	5.34	74.57	-173.83	-1359.06	-20.34	124.05	455.07
31652	86.50	12.93	5.34	50.20	-163.24	-1244.44	-20.50	128.94	416.47
31653	87.49	12.60	5.34	29.73	-153.32	-1132.10	-18.55	127.73	379.14
31654	88.45	12.22	5.34	13.28	-144.27	-1023.15	-15.14	121.54	343.59
31655	79.03	15.70	5.34	211.02	-205.09	-2050.02	47.36	-92.54	630.16
31656	80.17	15.63	5.34	187.92	-201.11	-1967.51	27.39	-50.60	610.37
31657	81.31	15.51	5.34	162.21	-194.32	-1873.03	10.84	-12.81	584.63
31658	82.42	15.33	5.34	135.22	-185.53	-1769.04	-1.94	19.54	554.22
31659	83.52	15.10	5.34	108.26	-175.55	-1658.00	-10.91	45.69	520.48
31660	84.60	14.81	5.34	82.52	-165.10	-1542.29	-16.31	65.40	484.70
31661	85.65	14.48	5.34	58.95	-154.82	-1424.06	-18.55	78.84	448.07
31662	86.68	14.09	5.34	38.28	-145.19	-1305.24	-18.20	86.51	411.58
31663	87.67	13.65	5.34	20.91	-136.55	-1187.42	-15.89	89.11	375.99
31664	88.64	13.17	5.34	7.01	-129.06	-1071.90	-12.26	87.50	341.88
31665	79.03	17.20	5.34	166.06	-163.91	-2151.32	34.91	-113.98	582.19
31666	80.20	17.12	5.34	147.55	-161.07	-2068.53	18.29	-81.21	566.86
31667	81.35	16.98	5.34	126.88	-155.82	-1973.19	4.60	-50.62	546.40
31668	82.49	16.77	5.34	105.06	-148.89	-1867.38	-5.84	-23.26	521.69
31669	83.61	16.49	5.34	83.15	-141.06	-1753.28	-12.94	0.15	493.69
31670	84.71	16.14	5.34	62.10	-133.02	-1633.09	-16.86	19.22	463.39
31671	85.79	15.73	5.34	42.75	-125.38	-1508.89	-17.96	33.87	431.76
31672	86.83	15.25	5.34	25.74	-118.63	-1382.66	-16.74	44.27	399.66
31673	87.84	14.72	5.34	11.47	-113.10	-1256.21	-13.80	50.76	367.81
31674	88.81	14.12	5.34	0.13	-108.88	-1131.14	-9.72	53.83	336.75
31675	93.23	9.47	5.34	-17.43	-113.12	-498.48	9.72	45.57	188.39
31676	92.67	10.38	5.34	-18.33	-110.29	-588.66	8.68	47.62	209.66
31677	92.05	11.25	5.34	-18.61	-107.58	-685.67	6.67	48.75	231.56
31678	92.34	9.40	5.34	-17.11	-122.87	-551.48	3.67	76.85	206.13
31679	91.95	10.19	5.34	-16.80	-120.62	-624.09	3.11	74.37	224.16
31680	91.52	10.96	5.34	-16.16	-118.01	-701.68	2.11	71.31	242.27

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
31681	91.46	9.34	5.34	-14.47	-132.06	-611.36	-1.95	108.72	225.33
31682	91.23	10.01	5.34	-13.95	-129.94	-664.44	-2.22	101.91	239.37
31683	90.99	10.67	5.34	-12.79	-127.11	-721.16	-2.53	94.81	253.24
31684	89.71	13.48	5.34	-8.02	-106.12	-1011.33	-5.19	54.40	307.95
31685	89.49	12.67	5.34	-2.74	-123.47	-967.67	-8.20	83.65	312.36
31686	89.25	11.87	5.34	2.08	-137.11	-931.96	-11.43	113.17	314.73
31687	90.55	12.79	5.34	-13.62	-105.08	-897.90	-0.91	53.34	280.95
31688	90.23	12.16	5.34	-9.22	-119.85	-874.86	-4.38	79.01	286.96
31689	89.91	11.53	5.34	-4.80	-131.84	-857.49	-7.83	105.19	291.99
31690	91.34	12.06	5.34	-16.88	-105.15	-788.74	3.30	50.92	255.42
31691	90.94	11.61	5.34	-13.59	-117.03	-785.26	-0.67	73.11	262.92
31692	90.55	11.18	5.34	-10.15	-127.77	-785.71	-4.35	96.02	270.29
31693	70.53	9.28	17.16	-400.32	-261.29	-247.47	-67.74	-251.13	154.74
31694	69.83	9.26	17.16	-235.35	-189.69	-172.24	-119.42	-131.70	77.38
31695	69.12	9.23	17.16	-132.74	-151.10	-124.51	-142.44	-49.78	24.72
31696	70.46	9.85	17.16	-320.94	-190.90	-206.25	-108.34	-176.04	97.19
31697	69.83	9.77	17.16	-209.82	-150.40	-155.21	-138.23	-92.96	43.61
31698	69.22	9.68	17.16	-136.23	-130.17	-117.36	-149.90	-33.38	5.87
31699	70.38	10.41	17.16	-265.62	-136.05	-172.78	-137.30	-112.33	43.53
31700	69.85	10.27	17.16	-193.94	-119.68	-138.03	-150.57	-58.38	12.13
31701	69.32	10.13	17.16	-141.00	-112.41	-108.83	-155.69	-15.88	-12.48
31702	78.07	9.50	17.16	-1040.23	-909.38	-5254.65	79.36	729.42	-1648.04
31703	77.31	9.50	17.16	-1449.64	-1124.31	-7104.36	-64.76	1658.24	-651.53
31704	76.55	9.49	17.16	-1214.81	-1220.57	-8837.47	-153.78	476.75	266.52
31705	75.79	9.47	17.16	-1406.62	-1313.01	-10076.40	-163.51	120.45	544.71
31706	75.03	9.46	17.16	-1599.85	-1644.93	-12508.40	-69.07	-497.65	923.47
31707	74.27	9.44	17.16	-4464.74	-2156.85	-8384.06	1054.89	-5310.39	1092.32
31708	73.52	9.41	17.16	-2305.46	-1901.38	-2924.26	823.61	-2214.29	1810.59
31709	72.76	9.38	17.16	-1778.98	-1172.59	-1508.73	632.59	-1581.66	1118.02
31710	72.01	9.35	17.16	-1118.43	-621.98	-698.90	237.56	-839.72	509.89
31711	71.26	9.31	17.16	-675.53	-386.30	-392.59	33.93	-455.37	270.51
31712	78.06	10.50	17.16	-1532.87	-935.66	-9421.57	-65.88	559.88	668.10
31713	77.28	10.49	17.16	-1546.22	-1109.15	-10164.60	-129.12	448.26	785.82
31714	76.50	10.46	17.16	-1546.43	-1421.88	-11449.90	-135.50	75.64	1041.05
31715	75.72	10.42	17.16	-2794.13	-2774.97	-9746.36	877.68	-2565.27	2761.78
31716	74.95	10.37	17.16	-2276.49	-4241.33	-8102.56	1203.81	-1348.62	5585.86
31717	74.18	10.31	17.16	-3422.90	-2886.55	-4962.16	1715.74	-4015.27	3644.99
31718	73.41	10.23	17.16	-1829.57	-1074.64	-1524.45	539.44	-1558.69	1056.92
31719	72.65	10.15	17.16	-1135.77	-722.56	-803.89	254.25	-857.25	632.62
31720	71.89	10.05	17.16	-778.79	-439.41	-476.72	81.15	-537.25	359.43
31721	71.14	9.94	17.16	-502.03	-271.04	-297.28	-45.44	-310.21	184.37
31722	78.05	11.50	17.16	-1605.05	-3817.99	-5907.61	97.87	260.28	4536.08
31723	77.25	11.48	17.16	-1714.87	-4088.42	-6427.10	311.11	25.99	4963.80
31724	76.45	11.43	17.16	-1835.78	-4422.58	-7028.06	730.57	-574.78	5627.22
31725	75.65	11.37	17.16	-2573.64	-3137.38	-4583.74	1370.11	-2886.77	3821.96
31726	74.86	11.29	17.16	-1537.30	-1598.64	-1697.39	510.11	-1218.51	1637.45
31727	74.08	11.18	17.16	-1194.88	-1278.52	-1212.42	486.64	-869.84	1291.61
31728	73.30	11.06	17.16	-1180.64	-781.44	-876.00	328.91	-903.07	826.87
31729	72.53	10.92	17.16	-810.92	-419.01	-505.13	70.10	-527.39	387.87
31730	71.77	10.75	17.16	-556.12	-268.93	-332.50	-40.65	-322.68	209.68
31731	71.02	10.57	17.16	-381.72	-178.26	-231.96	-104.86	-193.54	102.39
31732	78.04	12.50	17.16	-799.14	-1446.54	-1149.46	137.17	70.36	1440.05
31733	77.22	12.47	17.16	-880.76	-1490.25	-1203.06	196.82	-60.43	1536.76
31734	76.40	12.41	17.16	-959.80	-1416.51	-1074.81	274.15	-372.05	1428.43
31735	75.59	12.32	17.16	-965.99	-1165.88	-1016.99	337.54	-452.81	1227.10
31736	74.78	12.20	17.16	-1049.34	-813.44	-888.27	270.79	-635.02	898.45
31737	73.98	12.06	17.16	-843.37	-524.16	-604.24	100.14	-448.31	540.74
31738	73.19	11.88	17.16	-689.97	-364.97	-446.38	31.18	-351.75	360.32
31739	72.41	11.68	17.16	-570.92	-228.98	-334.47	-44.41	-283.52	206.46
31740	71.65	11.46	17.16	-421.70	-146.35	-243.03	-110.39	-179.54	89.90
31741	70.90	11.20	17.16	-304.34	-110.53	-179.94	-142.16	-101.52	25.58
31742	78.03	13.50	17.16	-592.33	-421.09	-506.33	96.89	3.09	431.74
31743	77.19	13.46	17.16	-638.93	-416.96	-512.28	79.80	-51.39	431.97
31744	76.35	13.38	17.16	-661.61	-393.81	-509.73	66.20	-100.19	413.97
31745	75.52	13.27	17.16	-676.59	-338.16	-465.96	44.94	-167.05	355.80
31746	74.70	13.12	17.16	-643.25	-256.71	-401.75	8.36	-184.87	269.22
31747	73.89	12.93	17.16	-593.82	-181.07	-342.36	-40.95	-189.23	175.52
31748	73.09	12.71	17.16	-503.76	-126.94	-273.90	-90.02	-148.07	90.80
31749	72.30	12.45	17.16	-417.27	-95.48	-213.92	-120.01	-110.07	33.21
31750	71.53	12.16	17.16	-336.25	-77.00	-161.70	-142.97	-70.91	-10.50
31751	70.78	11.84	17.16	-259.28	-73.34	-115.90	-156.01	-28.61	-37.96
31752	78.02	14.50	17.16	-444.65	-56.70	-156.07	42.07	-49.46	-19.95
31753	77.16	14.45	17.16	-471.92	-53.99	-157.35	11.49	-45.46	-25.39
31754	76.31	14.36	17.16	-485.10	-52.57	-151.77	-19.55	-44.46	-32.66
31755	75.46	14.22	17.16	-481.28	-50.09	-140.94	-48.54	-42.19	-41.23
31756	74.62	14.04	17.16	-464.95	-46.33	-122.67	-76.18	-40.97	-52.27
31757	73.79	13.81	17.16	-430.78	-43.31	-96.61	-102.21	-32.61	-64.83
31758	72.98	13.54	17.16	-385.64	-44.68	-68.30	-123.46	-19.23	-74.74
31759	72.19	13.22	17.16	-333.00	-50.35	-39.33	-138.09	-0.25	-79.65
31760	71.41	12.87	17.16	-280.96	-59.18	-11.81	-145.53	18.16	-78.99
31761	70.66	12.47	17.16	-231.85	-70.29	13.38	-147.89	35.86	-74.64
31762	67.06	9.32	17.16	-60.18	-133.87	54.81	-113.80	77.51	-24.67
31763	67.55	9.94	17.16	-80.18	-125.19	59.46	-121.05	76.58	-30.73
31764	68.08	10.54	17.16	-101.87	-116.15	63.92	-127.33	74.96	-37.81
31765	67.75	9.28	17.16	-55.23	-130.71	-34.44	-135.51	52.82	-33.73
31766	68.10	9.82	17.16	-77.53	-120.08	-29.60	-140.63	52.73	-38.84
31767	68.47	10.34	17.16	-100.97	-110.22	-22.65	-143.96	52.18	-44.39
31768	68.43	9.23	17.16	-75.70	-134.07	-85.86	-146.38	11.74	-15.26
31769	68.64	9.70	17.16	-93.07	-121.26	-81.66	-150.34	16.79	-24.05
31770	68.87	10.15	17.16	-113.00	-110.30	-74.69	-152.41	20.79	-32.18
31771	69.95	12.04	17.16	-190.65	-82.26	33.65	-145.98	51.33	-65.61
31772	70.11	11.50	17.16	-202.42	-78.79	-81.09	-158.41	3.87	-49.20
31773	70.26	10.96	17.16	-226.11	-97.45	-139.09	-155.65	-48.32	-9.04
31774	69.29	11.58	17.16	-155.74	-95.30	47.76	-141.53	63.08	-55.94
31775	69.52	11.15	17.16	-160.47	-89.23	-54.72	-155.55	26.37	-51.41
31776	69.74	10.73	17.16	-176.07	-98.41	-110.01	-158.08	-15.63	-24.68
31777	68.66	11.08	17.16	-126.75	-106.94	60.32	-134.56	71.15	-44.88
31778	68.95	10.79	17.16	-127.75	-100.77	-30.11	-149.33	43.67	-49.14
31779	69.23	10.49	17.16	-137.78	-104.32	-83.34	-155.08	10.61	-34.11

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
31780	70.20	9.30	15.47	-667.20	-277.32	-826.09	299.04	-765.69	490.68
31781	69.46	9.27	15.47	-510.37	-189.89	-597.66	217.06	-534.07	332.59
31782	68.72	9.24	15.47	-370.73	-119.57	-436.01	145.09	-357.57	215.44
31783	70.10	9.90	15.47	-543.37	-212.69	-694.78	256.06	-607.06	397.97
31784	69.46	9.82	15.47	-428.56	-148.53	-534.83	187.96	-446.56	280.82
31785	68.82	9.72	15.47	-325.23	-95.75	-408.58	130.12	-318.94	190.10
31786	70.02	10.50	15.47	-424.60	-149.35	-582.56	210.08	-472.85	308.71
31787	69.47	10.36	15.47	-348.89	-107.23	-472.63	159.43	-369.06	229.30
31788	68.92	10.20	15.47	-276.82	-70.49	-377.67	114.42	-281.37	163.31
31789	78.05	9.53	15.47	-779.45	-175.46	-5346.87	-188.71	768.63	68.71
31790	77.26	9.53	15.47	-448.93	-214.50	-5935.95	-333.47	646.06	246.41
31791	76.46	9.52	15.47	-280.18	-266.47	-6515.64	-289.92	402.95	523.06
31792	75.67	9.50	15.47	-205.50	-237.80	-6832.97	-285.47	-209.15	950.15
31793	74.88	9.49	15.47	24.09	-151.65	-6196.02	-170.40	-1111.86	1396.22
31794	74.09	9.46	15.47	257.43	-392.24	-5571.08	-178.95	-1401.73	1807.41
31795	73.30	9.44	15.47	-841.65	-625.42	-4447.66	284.03	-2254.61	1663.79
31796	72.52	9.41	15.47	-974.72	-565.37	-2836.60	466.39	-1914.65	1348.90
31797	71.74	9.37	15.47	-982.06	-488.52	-1819.57	468.47	-1490.65	995.88
31798	70.95	9.33	15.47	-836.37	-376.47	-1191.92	385.71	-1077.61	700.58
31799	78.04	10.60	15.47	-459.86	207.61	-5472.34	-156.23	504.47	1089.89
31800	77.22	10.59	15.47	-326.98	100.75	-5894.41	-229.57	317.62	1342.52
31801	76.40	10.56	15.47	-89.68	-18.19	-5940.71	-225.13	-236.19	1688.05
31802	75.59	10.52	15.47	85.03	-32.73	-5877.12	-397.65	-603.94	1917.19
31803	74.78	10.46	15.47	-151.10	50.97	-5132.61	-78.95	-1528.79	1751.18
31804	73.98	10.39	15.47	-188.68	-266.07	-4049.07	312.02	-1580.87	1779.74
31805	73.18	10.31	15.47	-881.28	-629.77	-3021.77	578.20	-1833.19	1611.52
31806	72.38	10.22	15.47	-898.94	-523.17	-1979.82	528.93	-1475.72	1161.59
31807	71.60	10.12	15.47	-800.76	-398.93	-1342.60	438.84	-1122.10	817.97
31808	70.82	10.00	15.47	-673.65	-293.27	-941.89	340.50	-827.70	566.51
31809	78.03	11.67	15.47	-233.52	53.08	-4423.08	-164.81	281.09	1997.82
31810	77.19	11.65	15.47	-108.46	2.78	-4610.61	-147.22	-4.02	2135.55
31811	76.35	11.60	15.47	75.84	-29.83	-4421.71	-19.54	-531.23	2123.11
31812	75.51	11.53	15.47	11.36	-474.57	-4143.85	153.10	-817.36	2266.18
31813	74.69	11.44	15.47	-500.17	-950.77	-3633.69	465.20	-1344.82	2273.47
31814	73.87	11.33	15.47	-604.81	-796.52	-2709.17	602.41	-1415.80	1787.15
31815	73.06	11.19	15.47	-640.89	-569.78	-1930.60	565.95	-1245.85	1280.78
31816	72.25	11.04	15.47	-675.28	-432.24	-1387.70	485.35	-1041.38	910.65
31817	71.46	10.87	15.47	-608.53	-306.04	-1008.00	377.50	-814.01	632.64
31818	70.68	10.68	15.47	-512.49	-210.97	-749.33	280.96	-616.63	434.70
31819	78.02	12.74	15.47	-160.96	-967.97	-2697.88	-91.53	100.31	2055.20
31820	77.15	12.71	15.47	-107.94	-1040.29	-2773.46	16.44	-137.54	2135.81
31821	76.29	12.64	15.47	-98.96	-1084.95	-2717.21	194.46	-432.88	2117.41
31822	75.44	12.55	15.47	-193.16	-967.60	-2388.66	395.78	-744.96	1863.88
31823	74.60	12.42	15.47	-276.62	-783.49	-1937.46	456.00	-835.49	1505.82
31824	73.76	12.26	15.47	-388.59	-640.54	-1573.01	483.61	-854.36	1197.98
31825	72.94	12.08	15.47	-441.24	-462.29	-1253.63	451.69	-801.05	900.90
31826	72.13	11.86	15.47	-442.75	-309.74	-977.79	375.44	-691.36	644.51
31827	71.33	11.62	15.47	-414.56	-203.81	-757.95	292.29	-566.23	449.82
31828	70.55	11.35	15.47	-357.98	-128.41	-585.45	213.97	-444.20	306.70
31829	78.01	13.81	15.47	-0.69	-691.37	-1325.48	-37.28	3.53	1138.70
31830	77.12	13.77	15.47	10.71	-718.04	-1344.59	46.82	-122.40	1160.14
31831	76.24	13.69	15.47	0.57	-697.08	-1312.43	153.30	-263.77	1122.57
31832	75.37	13.56	15.47	-45.56	-620.20	-1239.68	249.03	-385.44	1024.44
31833	74.51	13.40	15.47	-119.55	-501.72	-1121.08	307.85	-473.94	872.97
31834	73.66	13.20	15.47	-176.21	-373.96	-964.93	314.97	-499.28	698.39
31835	72.82	12.96	15.47	-219.54	-262.15	-809.80	295.08	-484.39	535.57
31836	72.00	12.69	15.47	-238.07	-165.53	-663.96	251.89	-440.71	391.11
31837	71.20	12.37	15.47	-232.03	-94.03	-529.58	197.72	-377.45	271.61
31838	70.42	12.03	15.47	-208.95	-47.24	-409.82	144.94	-307.12	180.03
31839	78.00	14.88	15.47	130.96	-239.51	-622.65	-2.44	-47.89	456.00
31840	77.10	14.83	15.47	137.38	-241.62	-628.30	37.99	-101.84	457.61
31841	76.20	14.73	15.47	133.08	-227.94	-617.84	83.34	-159.95	440.72
31842	75.31	14.58	15.47	111.99	-195.39	-587.77	126.05	-216.68	401.39
31843	74.43	14.39	15.47	75.90	-148.46	-539.21	154.95	-260.66	342.14
31844	73.56	14.14	15.47	32.09	-97.61	-475.57	164.20	-285.62	270.94
31845	72.72	13.85	15.47	-6.58	-51.52	-400.27	155.17	-287.41	197.80
31846	71.89	13.51	15.47	-36.37	-14.77	-320.92	134.82	-270.19	131.48
31847	71.08	13.13	15.47	-54.02	11.30	-242.57	107.44	-238.95	75.88
31848	70.29	12.70	15.47	-59.07	25.73	-168.32	78.59	-198.34	32.91
31849	66.58	9.34	15.47	-33.71	14.17	37.27	9.12	-26.65	-3.70
31850	67.08	10.00	15.47	-33.16	18.80	30.02	11.76	-39.71	-10.03
31851	67.62	10.64	15.47	-33.02	24.15	20.15	14.83	-56.61	-16.99
31852	67.29	9.29	15.47	-131.42	-16.39	-153.85	35.99	-114.78	55.53
31853	67.65	9.87	15.47	-122.63	-8.89	-151.21	37.77	-119.30	50.81
31854	68.03	10.43	15.47	-113.79	-0.91	-146.97	40.14	-125.17	44.57
31855	68.00	9.25	15.47	-242.54	-61.48	-300.12	82.25	-220.04	123.65
31856	68.22	9.74	15.47	-220.43	-48.63	-289.64	78.31	-209.78	114.41
31857	68.44	10.22	15.47	-199.68	-35.23	-274.89	75.48	-201.21	104.04
31858	69.56	12.24	15.47	-56.92	31.95	-104.42	53.73	-156.32	5.66
31859	69.72	11.67	15.47	-180.26	-19.45	-315.36	103.04	-244.94	119.34
31860	69.89	11.09	15.47	-301.55	-81.59	-465.66	156.43	-349.00	215.61
31861	68.87	11.75	15.47	-49.74	31.18	-52.50	34.85	-117.89	-10.25
31862	69.11	11.30	15.47	-151.94	-6.81	-242.74	73.67	-194.65	80.99
31863	69.35	10.85	15.47	-254.52	-55.52	-380.97	118.41	-282.26	160.60
31864	68.21	11.22	15.47	-39.19	28.89	-6.63	21.85	-82.88	-18.02
31865	68.52	10.90	15.47	-123.66	1.08	-175.95	51.30	-150.20	52.44
31866	68.82	10.59	15.47	-209.50	-37.42	-303.60	87.87	-224.34	117.10
31867	69.86	9.32	13.78	-330.51	-128.40	-1325.66	289.03	-891.66	628.82
31868	69.09	9.29	13.78	-294.91	-80.42	-1026.86	252.59	-718.92	488.41
31869	68.33	9.26	13.78	-236.86	-33.14	-793.06	207.63	-562.07	367.44
31870	69.75	9.96	13.78	-270.52	-99.07	-1154.20	278.08	-763.30	563.35
31871	69.08	9.87	13.78	-238.69	-58.31	-938.35	240.90	-636.58	447.71
31872	68.42	9.77	13.78	-195.67	-19.80	-758.04	201.66	-520.43	345.91
31873	69.65	10.60	13.78	-201.08	-65.56	-1004.10	257.87	-646.12	487.15
31874	69.08	10.44	13.78	-180.19	-34.66	-855.08	226.22	-559.86	399.78
31875	68.52	10.27	13.78	-152.61	-5.13	-724.11	193.60	-477.73	318.70
31876	78.04	9.57	13.78	21.00	111.90	-4347.99	-122.69	421.70	695.93
31877	77.21	9.56	13.78	98.69	107.85	-4574.57	-148.88	268.24	792.64
31878	76.38	9.55	13.78	229.65	97.42	-4716.05	-188.75	-1.04	930.82

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
31879	75.56	9.54	13.78	339.28	48.01	-4655.06	-156.94	-365.95	1064.57
31880	74.73	9.52	13.78	260.48	-56.27	-4436.33	-97.33	-697.10	1161.71
31881	73.91	9.49	13.78	92.39	-72.24	-3974.78	62.78	-1011.05	1157.18
31882	73.09	9.46	13.78	123.08	-101.96	-3425.49	121.02	-1130.46	1142.31
31883	72.27	9.43	13.78	-114.90	-185.57	-2864.00	215.09	-1269.14	1077.66
31884	71.46	9.39	13.78	-254.62	-196.14	-2247.05	283.76	-1215.00	950.42
31885	70.65	9.35	13.78	-326.12	-171.67	-1726.46	305.74	-1069.73	787.57
31886	78.02	10.71	13.78	112.77	95.45	-4058.69	-142.57	299.42	1162.40
31887	77.16	10.69	13.78	209.27	75.59	-4191.27	-143.19	68.81	1261.54
31888	76.31	10.66	13.78	252.89	24.93	-4231.95	-110.31	-188.97	1352.01
31889	75.46	10.61	13.78	259.59	-55.26	-4073.52	36.11	-532.03	1385.40
31890	74.62	10.55	13.78	224.92	-171.49	-3774.96	99.54	-772.92	1391.36
31891	73.78	10.48	13.78	54.89	-210.03	-3363.93	142.43	-1013.71	1325.55
31892	72.95	10.39	13.78	15.20	-177.00	-2848.16	229.16	-1103.66	1211.36
31893	72.12	10.30	13.78	-158.51	-195.54	-2332.23	304.73	-1138.82	1059.80
31894	71.30	10.19	13.78	-250.81	-178.49	-1841.41	323.87	-1045.54	878.71
31895	70.49	10.06	13.78	-280.30	-140.73	-1446.06	309.04	-904.86	706.31
31896	78.01	11.85	13.78	190.86	-103.13	-3389.13	-111.19	164.55	1429.80
31897	77.12	11.82	13.78	245.03	-143.89	-3453.24	-60.53	-67.22	1492.87
31898	76.25	11.76	13.78	233.64	-214.72	-3428.33	1.51	-292.18	1537.49
31899	75.38	11.69	13.78	223.19	-196.37	-3273.64	79.32	-544.52	1501.86
31900	74.51	11.59	13.78	231.32	-133.09	-2990.88	165.93	-746.83	1395.79
31901	73.66	11.47	13.78	83.45	-188.17	-2645.76	246.68	-908.58	1287.33
31902	72.81	11.33	13.78	-52.41	-219.95	-2243.29	316.98	-970.29	1137.91
31903	71.98	11.17	13.78	-139.41	-190.83	-1847.09	337.63	-941.90	951.50
31904	71.15	10.98	13.78	-194.21	-149.29	-1500.48	325.56	-858.15	768.77
31905	70.34	10.78	13.78	-210.07	-103.62	-1213.03	293.18	-747.31	607.56
31906	78.00	12.99	13.78	247.89	-203.84	-2555.84	-77.21	65.23	1407.83
31907	77.09	12.95	13.78	276.23	-222.22	-2594.91	-7.59	-118.62	1438.05
31908	76.19	12.88	13.78	279.61	-232.16	-2547.22	71.93	-311.59	1420.40
31909	75.30	12.77	13.78	246.28	-271.10	-2437.17	147.20	-483.91	1381.15
31910	74.41	12.64	13.78	162.96	-295.37	-2256.75	243.09	-644.68	1293.80
31911	73.54	12.47	13.78	78.33	-258.33	-1996.95	302.83	-740.69	1135.72
31912	72.68	12.27	13.78	-4.70	-209.62	-1716.87	325.87	-764.96	955.82
31913	71.84	12.04	13.78	-70.62	-158.15	-1454.27	322.56	-739.16	783.15
31914	71.01	11.78	13.78	-109.16	-105.97	-1219.02	297.54	-680.04	626.01
31915	70.20	11.50	13.78	-124.41	-60.20	-1014.04	261.68	-602.49	489.28
31916	77.98	14.13	13.78	278.90	-323.07	-1803.55	-38.32	1.47	1128.06
31917	77.06	14.08	13.78	295.22	-333.01	-1831.30	30.77	-127.78	1145.30
31918	76.14	13.99	13.78	289.37	-328.12	-1811.07	105.30	-261.50	1123.48
31919	75.22	13.86	13.78	259.07	-302.01	-1733.50	178.00	-386.47	1055.59
31920	74.32	13.69	13.78	209.38	-260.15	-1612.24	233.85	-480.38	952.85
31921	73.43	13.47	13.78	143.54	-209.28	-1468.40	271.07	-541.87	830.78
31922	72.56	13.21	13.78	80.22	-150.86	-1308.77	282.73	-566.71	697.59
31923	71.71	12.92	13.78	27.47	-95.79	-1144.95	273.67	-557.10	566.70
31924	70.87	12.59	13.78	-10.65	-48.55	-987.26	250.84	-522.49	447.66
31925	70.06	12.22	13.78	-32.59	-10.13	-840.34	220.48	-471.78	343.92
31926	77.98	15.27	13.78	327.84	-193.50	-1324.37	-0.88	-24.25	625.10
31927	77.03	15.22	13.78	339.98	-193.59	-1343.57	48.06	-103.48	629.76
31928	76.09	15.11	13.78	337.12	-180.96	-1336.25	99.31	-185.76	612.34
31929	75.16	14.95	13.78	316.26	-155.95	-1301.35	146.67	-263.40	572.60
31930	74.24	14.74	13.78	278.85	-121.07	-1238.78	184.12	-328.87	513.00
31931	73.33	14.48	13.78	231.00	-80.74	-1152.04	207.13	-374.45	439.78
31932	72.45	14.16	13.78	178.73	-40.13	-1048.78	215.19	-397.81	361.08
31933	71.58	13.80	13.78	129.61	-2.96	-935.79	209.50	-399.23	283.33
31934	70.74	13.39	13.78	88.48	27.71	-819.38	193.92	-381.46	212.29
31935	69.93	12.94	13.78	57.60	51.05	-705.61	172.79	-348.94	150.96
31936	66.09	9.36	13.78	-11.85	87.17	-264.42	82.54	-162.90	37.68
31937	66.60	10.07	13.78	-2.81	86.90	-308.43	90.48	-179.21	36.98
31938	67.16	10.74	13.78	6.95	86.57	-359.13	99.27	-199.58	36.51
31939	66.83	9.31	13.78	-87.97	51.39	-425.60	118.15	-291.59	151.23
31940	67.20	9.92	13.78	-69.53	53.25	-448.37	124.38	-293.77	148.43
31941	67.59	10.52	13.78	-50.53	55.28	-474.29	130.24	-296.82	143.52
31942	67.58	9.26	13.78	-164.87	11.20	-599.69	160.06	-419.97	256.02
31943	67.79	9.79	13.78	-137.03	17.53	-598.90	161.37	-405.17	248.06
31944	68.02	10.30	13.78	-109.09	24.15	-597.78	162.55	-391.36	236.78
31945	69.16	12.45	13.78	36.20	67.56	-601.69	150.56	-309.97	104.40
31946	69.34	11.83	13.78	-42.59	17.73	-718.76	191.19	-419.20	265.79
31947	69.52	11.22	13.78	-123.12	-25.71	-860.83	227.63	-529.39	389.35
31948	68.45	11.92	13.78	22.35	77.59	-509.37	130.44	-270.93	70.37
31949	68.71	11.44	13.78	-45.33	35.98	-621.02	166.47	-370.97	209.03
31950	68.96	10.96	13.78	-114.58	-1.72	-748.90	200.25	-469.87	319.64
31951	67.77	11.36	13.78	14.80	84.82	-425.54	112.75	-231.15	45.65
31952	68.09	11.02	13.78	-43.06	50.91	-530.81	144.07	-323.36	160.97
31953	68.41	10.69	13.78	-102.02	17.46	-646.51	174.74	-412.67	258.63
31954	69.52	9.34	12.09	-38.73	-51.19	-1541.89	253.01	-787.90	625.80
31955	68.72	9.31	12.09	-64.68	-26.20	-1277.71	241.99	-687.28	521.30
31956	67.93	9.27	12.09	-70.07	2.76	-1056.60	220.46	-578.11	419.38
31957	69.40	10.01	12.09	-26.24	-44.28	-1404.94	258.23	-706.41	586.02
31958	68.71	9.91	12.09	-43.30	-19.30	-1209.07	242.58	-626.98	492.32
31959	68.02	9.81	12.09	-48.50	7.26	-1039.42	221.29	-543.21	401.95
31960	69.29	10.69	12.09	-5.25	-33.29	-1288.14	254.87	-624.17	527.28
31961	68.70	10.52	12.09	-19.04	-10.65	-1151.14	238.72	-566.56	451.79
31962	68.11	10.35	12.09	-26.28	12.88	-1028.75	219.08	-505.47	377.31
31963	78.02	9.60	12.09	293.96	70.69	-3542.50	-88.31	274.27	788.83
31964	77.16	9.60	12.09	358.20	57.61	-3662.14	-88.21	104.89	851.73
31965	76.30	9.58	12.09	404.55	33.60	-3701.07	-64.48	-92.73	912.43
31966	75.44	9.57	12.09	414.69	3.89	-3656.15	-30.28	-299.46	963.21
31967	74.58	9.55	12.09	412.21	-17.52	-3506.67	25.50	-513.14	991.14
31968	73.73	9.52	12.09	371.50	-57.97	-3263.97	69.28	-699.90	1002.09
31969	72.88	9.49	12.09	254.02	-83.20	-2940.21	137.16	-839.89	975.39
31970	72.03	9.46	12.09	184.42	-81.19	-2573.73	188.36	-896.58	914.35
31971	71.18	9.42	12.09	90.81	-81.69	-2210.02	227.08	-910.88	830.59
31972	70.34	9.37	12.09	13.67	-70.57	-1855.47	249.23	-868.46	731.27
31973	78.00	10.81	12.09	332.09	26.54	-3271.18	-79.53	177.82	1029.61
31974	77.11	10.79	12.09	373.43	7.86	-3356.27	-54.00	6.21	1079.25
31975	76.22	10.75	12.09	407.82	-14.65	-3356.85	-13.39	-189.92	1112.52
31976	75.33	10.70	12.09	406.85	-38.74	-3273.40	20.68	-382.31	1131.55
31977	74.45	10.64	12.09	368.61	-53.26	-3103.07	83.79	-565.47	1121.85

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
31978	73.58	10.56	12.09	321.35	-71.34	-2854.45	153.67	-708.34	1074.74
31979	72.72	10.47	12.09	221.18	-95.69	-2561.85	199.62	-802.89	999.86
31980	71.86	10.37	12.09	148.97	-95.18	-2247.86	235.04	-835.96	908.87
31981	71.01	10.25	12.09	70.91	-86.39	-1939.64	258.88	-828.71	804.13
31982	70.17	10.12	12.09	10.43	-67.67	-1648.16	265.46	-778.76	691.06
31983	77.99	12.02	12.09	352.31	-66.39	-2840.32	-63.19	94.88	1160.79
31984	77.06	11.99	12.09	381.95	-81.96	-2899.05	-20.92	-65.71	1198.63
31985	76.15	11.93	12.09	401.58	-92.50	-2885.49	33.86	-240.63	1208.78
31986	75.24	11.85	12.09	385.87	-116.31	-2795.58	97.10	-410.60	1189.83
31987	74.34	11.74	12.09	328.66	-144.41	-2640.71	153.80	-553.61	1143.04
31988	73.45	11.62	12.09	277.17	-136.68	-2433.85	204.09	-657.63	1063.76
31989	72.57	11.47	12.09	207.74	-121.51	-2196.70	239.63	-723.89	963.44
31990	71.70	11.29	12.09	133.49	-107.31	-1945.65	264.50	-745.24	852.95
31991	70.85	11.10	12.09	70.66	-85.45	-1699.16	273.45	-727.31	737.22
31992	70.01	10.88	12.09	22.85	-58.66	-1469.91	268.28	-680.58	622.57
31993	77.97	13.23	12.09	357.81	-182.48	-2358.52	-38.09	30.68	1122.97
31994	77.02	13.19	12.09	379.54	-194.67	-2397.82	15.71	-107.26	1146.75
31995	76.08	13.11	12.09	380.16	-203.01	-2385.21	73.92	-246.97	1142.91
31996	75.15	13.00	12.09	360.58	-193.18	-2316.78	135.15	-379.73	1103.40
31997	74.23	12.85	12.09	324.31	-173.33	-2199.25	185.05	-489.47	1034.64
31998	73.32	12.67	12.09	266.33	-158.03	-2049.08	227.55	-570.81	949.74
31999	72.43	12.46	12.09	201.59	-135.83	-1874.62	257.07	-619.30	849.80
32000	71.55	12.22	12.09	140.36	-106.50	-1688.27	270.29	-632.68	740.41
32001	70.69	11.95	12.09	87.58	-74.42	-1503.60	269.71	-616.37	630.41
32002	69.85	11.64	12.09	46.71	-41.80	-1328.84	257.96	-578.42	524.90
32003	77.96	14.44	12.09	358.15	-220.20	-1960.06	-12.72	-9.12	922.24
32004	76.99	14.39	12.09	373.52	-224.52	-1990.87	40.17	-114.54	934.40
32005	76.03	14.30	12.09	371.84	-219.62	-1984.74	94.97	-220.33	921.59
32006	75.07	14.15	12.09	351.56	-207.54	-1944.33	146.71	-318.12	886.27
32007	74.13	13.97	12.09	314.26	-186.32	-1870.82	192.77	-402.47	828.95
32008	73.21	13.74	12.09	266.77	-155.22	-1767.24	226.68	-464.62	752.18
32009	72.30	13.47	12.09	213.50	-119.74	-1643.80	246.99	-501.04	664.48
32010	71.41	13.15	12.09	161.12	-82.68	-1509.74	253.84	-512.86	573.08
32011	70.54	12.80	12.09	114.80	-46.32	-1372.25	249.08	-502.85	483.11
32012	69.70	12.41	12.09	76.92	-12.56	-1237.04	235.79	-475.75	398.29
32013	77.95	15.66	12.09	348.67	-173.05	-1780.02	8.25	-22.62	620.59
32014	76.96	15.60	12.09	360.32	-171.98	-1808.99	51.97	-97.25	625.66
32015	75.98	15.48	12.09	358.54	-162.07	-1811.00	96.28	-172.81	613.82
32016	75.01	15.31	12.09	342.81	-143.34	-1784.72	137.68	-244.16	585.11
32017	74.05	15.09	12.09	314.30	-117.29	-1731.62	172.44	-305.53	541.82
32018	73.10	14.81	12.09	275.75	-86.23	-1655.24	198.04	-352.93	487.59
32019	72.18	14.48	12.09	231.88	-52.56	-1559.79	212.85	-383.39	426.40
32020	71.28	14.09	12.09	187.10	-19.38	-1450.77	217.12	-396.16	363.02
32021	70.40	13.66	12.09	145.30	11.18	-1333.95	212.44	-392.69	301.65
32022	69.56	13.18	12.09	109.19	37.92	-1214.99	201.07	-375.33	244.74
32023	65.61	9.38	12.09	-0.68	107.20	-645.82	119.53	-235.03	93.54
32024	66.13	10.13	12.09	10.82	102.34	-719.38	128.92	-249.58	100.79
32025	66.70	10.84	12.09	24.69	97.03	-800.37	139.29	-266.53	109.46
32026	66.38	9.33	12.09	-35.87	68.69	-738.72	157.75	-350.90	207.74
32027	66.75	9.98	12.09	-17.90	66.46	-790.84	164.89	-350.70	208.54
32028	67.15	10.61	12.09	0.38	63.98	-848.34	170.91	-350.97	207.98
32029	67.15	9.28	12.09	-59.97	34.22	-877.62	191.05	-464.14	314.37
32030	67.37	9.83	12.09	-40.19	35.29	-899.57	195.01	-449.07	308.15
32031	67.60	10.37	12.09	-19.10	36.58	-924.77	197.74	-434.26	298.43
32032	68.77	12.66	12.09	80.12	59.81	-1100.44	185.99	-350.18	197.61
32033	68.95	12.00	12.09	49.38	15.19	-1118.74	218.92	-442.05	329.96
32034	69.14	11.35	12.09	20.49	-14.19	-1190.07	241.81	-533.89	441.35
32035	68.03	12.10	12.09	57.15	76.39	-992.83	170.10	-322.52	159.03
32036	68.30	11.58	12.09	29.99	36.46	-1018.27	201.72	-407.79	276.51
32037	68.56	11.08	12.09	5.41	7.94	-1084.16	225.25	-492.27	378.45
32038	67.33	11.50	12.09	39.81	89.99	-891.45	153.69	-291.80	127.38
32039	67.67	11.14	12.09	16.01	55.59	-923.61	183.67	-371.05	228.49
32040	68.00	10.79	12.09	-5.09	27.06	-985.91	207.18	-448.96	320.55
32041	69.18	9.35	10.41	146.28	-39.67	-1614.84	248.71	-634.10	585.42
32042	68.36	9.32	10.41	100.61	-19.73	-1407.57	246.03	-569.26	507.95
32043	67.53	9.29	10.41	64.13	4.76	-1227.81	233.94	-493.14	428.18
32044	69.05	10.06	10.41	130.76	-38.19	-1532.04	256.52	-582.95	560.04
32045	68.33	9.96	10.41	96.05	-16.93	-1375.92	249.06	-529.91	488.30
32046	67.62	9.86	10.41	67.24	6.94	-1237.31	235.64	-470.41	416.39
32047	68.93	10.78	10.41	120.58	-32.86	-1469.55	256.27	-528.34	516.94
32048	68.32	10.60	10.41	94.12	-12.30	-1357.46	246.87	-488.71	458.02
32049	67.71	10.42	10.41	70.82	10.33	-1254.91	233.42	-444.85	398.57
32050	78.00	9.64	10.41	406.47	3.91	-2982.42	-38.83	164.90	756.78
32051	77.11	9.63	10.41	450.76	-4.36	-3062.21	-22.13	31.14	795.30
32052	76.21	9.62	10.41	481.32	-15.90	-3087.80	0.49	-115.14	829.15
32053	75.32	9.60	10.41	495.43	-29.09	-3050.08	32.60	-267.74	853.64
32054	74.43	9.58	10.41	482.16	-45.33	-2949.30	69.25	-411.35	865.64
32055	73.55	9.55	10.41	446.24	-55.73	-2791.69	114.88	-533.46	858.34
32056	72.66	9.52	10.41	401.14	-64.33	-2588.22	155.79	-626.50	832.46
32057	71.78	9.48	10.41	331.44	-70.29	-2351.98	193.92	-684.73	789.36
32058	70.90	9.44	10.41	265.84	-65.93	-2098.82	223.05	-699.75	730.73
32059	70.03	9.39	10.41	201.96	-55.42	-1848.05	241.49	-680.69	660.89
32060	77.98	10.92	10.41	407.47	-42.19	-2779.47	-30.30	99.10	903.75
32061	77.05	10.89	10.41	444.75	-51.06	-2841.22	-1.47	-35.40	936.07
32062	76.12	10.85	10.41	462.67	-62.70	-2847.94	32.93	-175.91	956.14
32063	75.20	10.80	10.41	462.53	-74.86	-2797.15	76.51	-314.31	958.44
32064	74.29	10.73	10.41	442.81	-86.92	-2691.05	118.86	-439.50	941.72
32065	73.39	10.65	10.41	399.79	-94.15	-2539.46	158.73	-540.15	908.92
32066	72.49	10.55	10.41	351.11	-92.36	-2352.51	197.67	-610.59	858.90
32067	71.60	10.44	10.41	289.26	-86.98	-2144.64	227.50	-647.99	793.26
32068	70.72	10.32	10.41	230.82	-74.89	-1928.89	247.22	-650.89	718.10
32069	69.85	10.18	10.41	175.90	-57.77	-1717.54	256.64	-626.43	637.52
32070	77.97	12.20	10.41	398.08	-115.24	-2510.20	-16.57	41.05	966.89
32071	77.00	12.16	10.41	426.41	-122.96	-2558.48	22.77	-82.88	990.70
32072	76.04	12.10	10.41	435.30	-130.72	-2557.50	66.04	-208.90	995.77
32073	75.10	12.01	10.41	426.71	-133.27	-2508.92	110.13	-327.20	981.39
32074	74.16	11.90	10.41	403.39	-129.39	-2416.01	154.63	-431.64	946.86
32075	73.24	11.76	10.41	360.47	-125.64	-2286.28	193.91	-513.26	894.81
32076	72.32	11.60	10.41	310.20	-116.15	-2130.57	225.79	-565.67	828.88

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
32077	71.42	11.42	10.41	257.00	-99.84	-1960.56	247.28	-590.03	753.07
32078	70.54	11.21	10.41	204.62	-79.26	-1785.41	259.12	-587.88	671.77
32079	69.67	10.98	10.41	156.82	-55.34	-1612.87	261.42	-563.50	588.69
32080	77.95	13.48	10.41	379.88	-179.97	-2239.34	-1.25	-3.16	924.51
32081	76.96	13.43	10.41	399.93	-184.74	-2279.47	42.61	-107.99	940.83
32082	75.98	13.35	10.41	404.46	-183.90	-2280.69	89.30	-213.33	936.62
32083	75.00	13.23	10.41	391.95	-179.54	-2244.14	134.55	-311.20	913.07
32084	74.05	13.07	10.41	363.63	-169.78	-2173.69	176.48	-394.75	871.53
32085	73.10	12.88	10.41	325.71	-151.43	-2074.49	210.58	-458.51	813.83
32086	72.17	12.66	10.41	280.78	-128.27	-1954.71	235.58	-499.51	745.21
32087	71.26	12.40	10.41	232.95	-102.21	-1822.17	251.10	-517.68	670.42
32088	70.37	12.11	10.41	186.70	-73.86	-1683.57	257.03	-514.70	592.98
32089	69.50	11.79	10.41	144.60	-44.40	-1544.80	254.36	-494.00	515.54
32090	77.94	14.76	10.41	353.23	-207.97	-2049.14	12.27	-30.03	786.60
32091	76.92	14.70	10.41	367.73	-209.61	-2085.05	55.19	-113.04	796.62
32092	75.92	14.60	10.41	368.62	-203.96	-2091.95	99.05	-195.49	789.44
32093	74.92	14.45	10.41	356.16	-190.05	-2069.52	140.90	-272.17	764.99
32094	73.94	14.25	10.41	331.81	-169.31	-2020.07	177.18	-337.50	725.58
32095	72.98	14.01	10.41	297.61	-144.08	-1947.87	206.24	-388.04	674.93
32096	72.04	13.72	10.41	257.75	-115.08	-1857.13	226.59	-421.56	616.11
32097	71.11	13.39	10.41	215.94	-83.84	-1752.86	237.77	-437.34	552.61
32098	70.21	13.01	10.41	175.26	-52.08	-1640.30	240.36	-436.62	487.79
32099	69.34	12.60	10.41	138.01	-21.02	-1523.96	235.49	-421.96	424.06
32100	77.93	16.04	10.41	320.15	-166.48	-2005.29	19.22	-39.71	601.84
32101	76.90	15.98	10.41	331.09	-164.80	-2040.57	56.16	-102.02	607.09
32102	75.87	15.86	10.41	331.32	-156.01	-2051.81	93.40	-164.14	599.76
32103	74.86	15.68	10.41	320.71	-140.56	-2038.74	128.42	-222.34	580.40
32104	73.86	15.44	10.41	300.25	-119.21	-2002.03	158.93	-273.23	550.20
32105	72.87	15.14	10.41	272.06	-93.32	-1943.46	182.96	-313.72	511.14
32106	71.91	14.79	10.41	238.68	-64.91	-1866.14	199.44	-341.88	466.12
32107	70.98	14.38	10.41	203.06	-35.74	-1773.82	208.18	-357.10	418.04
32108	70.07	13.92	10.41	167.82	-7.36	-1670.52	209.77	-359.94	369.54
32109	69.19	13.41	10.41	135.04	19.16	-1560.48	205.25	-351.78	322.44
32110	65.12	9.40	10.41	15.66	108.38	-942.68	143.49	-254.54	160.03
32111	65.66	10.19	10.41	29.65	100.11	-1033.02	152.29	-266.64	173.75
32112	66.24	10.95	10.41	42.83	90.22	-1130.27	160.64	-280.07	189.41
32113	65.92	9.35	10.41	20.18	68.97	-988.06	182.28	-330.59	253.90
32114	66.30	10.03	10.41	32.64	63.91	-1062.18	187.70	-333.63	259.23
32115	66.71	10.69	10.41	46.15	58.85	-1140.52	191.54	-335.73	264.17
32116	66.72	9.29	10.41	34.86	33.95	-1085.89	212.18	-411.24	342.44
32117	66.94	9.88	10.41	44.17	33.29	-1130.48	215.21	-402.68	340.17
32118	67.18	10.45	10.41	55.37	32.77	-1179.04	216.42	-393.70	335.17
32119	68.37	12.86	10.41	106.44	42.63	-1449.26	196.44	-336.66	281.16
32120	68.57	12.17	10.41	107.68	5.96	-1416.46	226.13	-400.45	370.64
32121	68.77	11.48	10.41	112.27	-18.53	-1428.80	246.32	-465.36	452.04
32122	67.61	12.27	10.41	81.86	61.94	-1339.87	185.58	-318.62	244.61
32123	67.89	11.73	10.41	83.86	27.76	-1320.07	214.75	-376.98	326.56
32124	68.17	11.19	10.41	89.54	2.93	-1335.98	235.75	-436.45	402.37
32125	66.89	11.64	10.41	61.10	78.99	-1232.85	172.81	-297.48	212.24
32126	67.24	11.26	10.41	63.54	48.32	-1226.37	201.37	-350.75	285.33
32127	67.59	10.89	10.41	69.47	21.92	-1247.65	222.66	-405.36	355.11
32128	68.84	9.37	8.72	295.44	-53.60	-1646.37	266.50	-489.07	547.35
32129	67.99	9.34	8.72	250.98	-30.95	-1483.81	268.67	-433.47	491.94
32130	67.14	9.30	8.72	204.57	-3.03	-1335.70	262.25	-369.07	434.23
32131	68.70	10.12	8.72	256.76	-48.79	-1608.85	272.92	-458.28	533.95
32132	67.95	10.01	8.72	221.86	-25.56	-1484.04	270.36	-413.39	482.08
32133	67.22	9.90	8.72	185.91	1.13	-1368.02	262.10	-363.39	429.58
32134	68.57	10.87	8.72	221.04	-40.24	-1590.75	270.34	-425.32	506.19
32135	67.93	10.69	8.72	195.14	-18.85	-1497.31	265.54	-391.86	463.18
32136	67.31	10.49	8.72	168.58	6.12	-1407.61	256.40	-355.13	419.63
32137	77.98	9.67	8.72	444.83	-66.52	-2581.55	4.65	83.92	692.33
32138	77.06	9.66	8.72	483.29	-71.45	-2644.38	24.95	-22.18	719.24
32139	76.13	9.65	8.72	510.16	-77.88	-2666.23	50.52	-134.24	740.15
32140	75.20	9.63	8.72	521.98	-85.15	-2645.07	80.30	-245.08	752.91
32141	74.28	9.61	8.72	519.13	-91.19	-2581.13	114.05	-347.75	755.11
32142	73.36	9.58	8.72	501.57	-95.88	-2477.35	148.19	-435.10	746.02
32143	72.45	9.54	8.72	469.68	-96.80	-2340.41	182.28	-499.55	725.03
32144	71.54	9.50	8.72	431.52	-92.99	-2179.32	212.74	-537.09	692.61
32145	70.63	9.46	8.72	386.53	-85.10	-2003.53	238.05	-547.02	650.57
32146	69.72	9.41	8.72	340.57	-71.50	-1821.60	256.34	-529.19	601.09
32147	77.96	11.02	8.72	425.41	-106.76	-2451.40	13.01	34.60	792.13
32148	76.99	10.99	8.72	456.82	-111.69	-2504.39	41.59	-68.77	814.35
32149	76.03	10.95	8.72	475.84	-116.51	-2517.67	74.39	-174.70	825.51
32150	75.07	10.89	8.72	480.11	-120.22	-2490.53	109.06	-276.31	824.76
32151	74.13	10.82	8.72	469.71	-121.47	-2425.66	145.16	-366.17	811.51
32152	73.19	10.73	8.72	447.85	-119.55	-2327.56	180.28	-438.91	785.18
32153	72.26	10.63	8.72	414.77	-114.32	-2203.38	211.24	-489.30	747.61
32154	71.34	10.52	8.72	376.92	-104.05	-2060.84	237.34	-515.08	701.07
32155	70.42	10.39	8.72	335.57	-89.26	-1907.83	256.75	-516.51	647.54
32156	69.52	10.24	8.72	294.57	-69.93	-1751.19	268.64	-495.15	589.76
32157	77.94	12.37	8.72	397.70	-155.35	-2297.15	22.31	-7.67	828.91
32158	76.94	12.33	8.72	422.49	-158.93	-2343.07	56.76	-102.23	845.93
32159	75.94	12.26	8.72	434.63	-159.96	-2353.84	93.85	-196.77	849.09
32160	74.96	12.17	8.72	433.16	-158.24	-2329.62	131.87	-285.42	837.78
32161	73.99	12.05	8.72	418.43	-153.21	-2273.39	168.01	-361.53	812.91
32162	73.03	11.90	8.72	394.18	-143.05	-2190.09	200.69	-420.68	776.12
32163	72.08	11.74	8.72	362.11	-128.63	-2085.53	228.09	-460.11	729.54
32164	71.15	11.54	8.72	325.86	-110.30	-1965.93	249.24	-478.10	675.88
32165	70.23	11.33	8.72	288.39	-88.25	-1837.48	263.20	-475.58	617.89
32166	69.33	11.08	8.72	251.54	-63.34	-1705.12	270.07	-455.02	558.20
32167	77.93	13.72	8.72	362.86	-193.24	-2162.76	30.24	-39.57	794.81
32168	76.89	13.67	8.72	381.97	-194.73	-2204.53	67.09	-120.65	806.92
32169	75.87	13.58	8.72	388.93	-191.75	-2217.02	105.20	-200.49	804.70
32170	74.86	13.45	8.72	383.99	-183.40	-2200.79	142.56	-273.97	788.39
32171	73.86	13.29	8.72	368.47	-169.92	-2158.04	176.82	-336.56	759.32
32172	72.88	13.09	8.72	343.89	-152.41	-2092.47	206.42	-384.59	719.83
32173	71.92	12.85	8.72	313.50	-130.88	-2008.45	229.89	-415.85	672.43
32174	70.98	12.58	8.72	280.22	-105.94	-1910.67	246.49	-429.72	619.86
32175	70.05	12.27	8.72	246.29	-78.58	-1803.51	256.19	-427.08	564.70

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
32176	69.15	11.93	8.72	213.26	-49.50	-1690.69	259.26	-409.99	508.82
32177	77.92	15.07	8.72	322.86	-198.44	-2093.22	33.86	-59.70	703.77
32178	76.86	15.01	8.72	337.22	-197.79	-2133.37	69.14	-125.00	711.85
32179	75.81	14.90	8.72	341.32	-191.23	-2149.41	105.04	-188.99	707.47
32180	74.77	14.74	8.72	335.17	-179.08	-2141.54	139.35	-247.74	691.28
32181	73.76	14.53	8.72	319.86	-161.66	-2111.03	170.26	-297.90	664.59
32182	72.75	14.28	8.72	297.48	-139.50	-2060.02	196.05	-336.71	629.21
32183	71.77	13.97	8.72	270.15	-113.91	-1991.53	215.78	-362.56	587.64
32184	70.82	13.62	8.72	240.26	-86.10	-1908.80	229.10	-375.01	542.30
32185	69.89	13.23	8.72	209.94	-57.06	-1815.04	236.08	-374.60	495.30
32186	68.98	12.79	8.72	180.62	-27.58	-1713.21	237.17	-362.90	448.23
32187	77.91	16.43	8.72	278.84	-162.52	-2115.75	30.52	-68.87	591.41
32188	76.83	16.36	8.72	289.76	-160.23	-2156.14	61.35	-119.06	596.48
32189	75.76	16.23	8.72	292.41	-152.30	-2175.42	92.54	-168.30	592.00
32190	74.71	16.04	8.72	286.87	-138.86	-2173.17	122.25	-213.95	578.33
32191	73.67	15.79	8.72	273.89	-120.65	-2149.80	148.79	-253.52	556.49
32192	72.65	15.47	8.72	254.77	-98.72	-2106.50	170.87	-285.08	528.06
32193	71.65	15.10	8.72	231.32	-74.19	-2045.05	187.68	-307.31	494.81
32194	70.67	14.67	8.72	205.44	-48.27	-1967.70	198.91	-319.72	458.63
32195	69.73	14.19	8.72	178.89	-22.05	-1876.99	204.77	-322.58	421.28
32196	68.82	13.65	8.72	153.30	3.74	-1775.69	205.71	-316.75	383.98
32197	64.64	9.42	8.72	58.36	125.20	-1116.77	179.04	-234.64	232.02
32198	65.18	10.25	8.72	58.83	106.23	-1220.01	178.83	-248.82	246.97
32199	65.78	11.05	8.72	75.21	88.62	-1329.69	184.01	-258.75	265.06
32200	65.47	9.37	8.72	92.36	73.36	-1137.73	216.99	-263.10	304.85
32201	65.85	10.08	8.72	99.41	67.21	-1230.40	217.44	-274.09	313.61
32202	66.27	10.78	8.72	104.66	57.97	-1327.08	216.08	-285.03	321.14
32203	66.30	9.31	8.72	149.08	31.96	-1214.89	245.10	-307.00	371.53
32204	66.52	9.92	8.72	142.89	31.56	-1280.07	244.70	-313.80	373.83
32205	66.75	10.52	8.72	138.72	30.59	-1347.57	241.80	-318.42	373.03
32206	67.98	13.07	8.72	129.91	28.37	-1668.28	202.82	-304.94	350.16
32207	68.18	12.33	8.72	155.56	-0.64	-1613.83	234.06	-345.06	408.01
32208	68.39	11.61	8.72	185.99	-23.36	-1591.35	256.99	-386.01	462.57
32209	67.19	12.45	8.72	109.06	50.12	-1557.53	197.81	-290.28	318.57
32210	67.48	11.87	8.72	135.53	21.93	-1519.50	228.65	-324.92	373.68
32211	67.78	11.30	8.72	165.85	-1.46	-1507.19	251.55	-361.29	425.75
32212	66.45	11.78	8.72	90.65	71.26	-1444.25	190.74	-272.91	288.80
32213	66.81	11.38	8.72	117.20	44.37	-1423.56	221.04	-302.05	340.53
32214	67.18	10.98	8.72	146.03	18.08	-1423.66	243.50	-334.47	389.78
32215	68.50	9.39	7.03	457.85	-76.80	-1674.19	301.54	-380.88	518.58
32216	67.62	9.35	7.03	440.55	-48.51	-1546.95	312.82	-318.41	482.81
32217	66.74	9.32	7.03	417.74	-12.72	-1420.00	318.29	-242.19	446.97
32218	68.35	10.17	7.03	393.17	-64.37	-1668.46	308.18	-363.66	517.85
32219	67.58	10.06	7.03	377.88	-36.27	-1567.19	314.55	-314.43	483.80
32220	66.81	9.94	7.03	358.71	-2.60	-1464.87	317.21	-256.95	450.48
32221	68.20	10.96	7.03	327.42	-48.12	-1679.82	302.40	-346.42	504.74
32222	67.55	10.77	7.03	315.93	-23.74	-1599.44	305.91	-310.32	475.78
32223	66.90	10.57	7.03	303.21	7.30	-1516.17	305.42	-269.10	447.40
32224	77.97	9.71	7.03	446.85	-130.06	-2283.94	40.58	16.16	624.68
32225	77.00	9.70	7.03	483.02	-133.11	-2338.75	62.87	-69.16	643.97
32226	76.04	9.68	7.03	510.26	-136.32	-2363.50	88.48	-156.61	657.89
32227	75.09	9.66	7.03	527.66	-138.93	-2356.90	117.04	-241.33	665.24
32228	74.13	9.63	7.03	534.69	-140.32	-2319.47	147.46	-317.87	665.14
32229	73.18	9.60	7.03	532.28	-139.43	-2253.87	178.84	-380.81	656.99
32230	72.23	9.57	7.03	522.75	-135.64	-2164.15	209.46	-425.85	640.88
32231	71.29	9.53	7.03	507.77	-128.12	-2055.50	238.17	-449.44	617.52
32232	70.35	9.48	7.03	491.01	-115.92	-1933.63	263.67	-449.51	588.09
32233	69.41	9.43	7.03	474.04	-98.57	-1803.94	285.05	-425.86	554.29
32234	77.94	11.12	7.03	413.10	-161.24	-2215.24	48.44	-21.26	702.49
32235	76.94	11.09	7.03	443.60	-163.55	-2265.12	76.13	-103.56	718.62
32236	75.94	11.05	7.03	464.44	-164.73	-2285.67	106.42	-185.91	726.20
32237	74.95	10.99	7.03	475.29	-164.11	-2276.90	138.46	-263.20	724.60
32238	73.96	10.91	7.03	476.67	-161.00	-2240.34	170.78	-330.66	713.68
32239	72.99	10.82	7.03	469.70	-154.70	-2179.20	202.05	-383.68	694.12
32240	72.03	10.71	7.03	457.13	-144.55	-2097.71	231.20	-419.01	666.86
32241	71.07	10.59	7.03	440.93	-130.43	-2000.64	256.97	-434.48	633.40
32242	70.13	10.46	7.03	423.93	-111.97	-1892.61	278.79	-429.24	595.67
32243	69.20	10.31	7.03	407.82	-89.04	-1777.50	296.15	-403.84	555.62
32244	77.92	12.54	7.03	372.97	-191.63	-2145.82	54.39	-53.67	733.77
32245	76.88	12.50	7.03	397.57	-192.54	-2192.40	85.38	-128.70	746.56
32246	75.84	12.43	7.03	412.67	-190.64	-2212.35	118.15	-202.37	748.76
32247	74.82	12.33	7.03	418.24	-185.36	-2206.15	151.24	-269.98	740.49
32248	73.81	12.20	7.03	415.33	-176.32	-2175.56	183.34	-327.45	722.39
32249	72.82	12.05	7.03	405.32	-163.53	-2123.50	213.08	-371.25	695.70
32250	71.84	11.87	7.03	390.66	-146.80	-2053.60	239.43	-398.90	662.16
32251	70.87	11.67	7.03	373.55	-126.18	-1969.67	261.71	-409.26	623.79
32252	69.92	11.44	7.03	356.11	-101.82	-1875.10	279.69	-402.16	582.60
32253	68.99	11.19	7.03	339.76	-74.01	-1772.61	293.56	-378.57	540.65
32254	77.91	13.97	7.03	328.33	-206.89	-2103.69	56.48	-78.86	715.77
32255	76.83	13.91	7.03	347.52	-206.20	-2148.62	87.98	-143.36	725.37
32256	75.76	13.81	7.03	358.02	-201.18	-2170.32	120.52	-205.85	724.18
32257	74.71	13.68	7.03	359.96	-191.76	-2169.09	152.52	-262.53	712.66
32258	73.68	13.50	7.03	354.29	-177.98	-2146.30	182.57	-310.00	691.88
32259	72.66	13.29	7.03	342.73	-159.92	-2104.09	209.47	-345.65	663.41
32260	71.66	13.04	7.03	327.16	-138.10	-2045.11	232.46	-367.77	629.17
32261	70.69	12.76	7.03	309.60	-112.99	-1972.08	251.15	-375.62	591.19
32262	69.73	12.43	7.03	291.82	-84.97	-1887.49	265.55	-369.38	551.39
32263	68.80	12.08	7.03	274.95	-54.03	-1793.27	275.97	-350.02	511.33
32264	77.90	15.39	7.03	281.13	-196.63	-2111.48	52.81	-95.95	659.32
32265	76.79	15.32	7.03	295.88	-194.54	-2156.15	82.18	-148.27	666.10
32266	75.70	15.21	7.03	303.12	-187.59	-2180.33	112.12	-198.59	663.45
32267	74.63	15.04	7.03	303.06	-175.78	-2183.90	141.16	-244.06	651.87
32268	73.57	14.82	7.03	296.50	-159.47	-2167.54	167.96	-282.15	632.42
32269	72.53	14.54	7.03	284.70	-139.28	-2132.53	191.53	-310.95	606.60
32270	71.51	14.22	7.03	269.31	-115.82	-2080.55	211.23	-329.21	576.09
32271	70.52	13.85	7.03	252.05	-89.74	-2013.46	226.81	-336.44	542.63
32272	69.56	13.44	7.03	234.48	-61.56	-1933.09	238.36	-332.83	507.84
32273	68.62	12.98	7.03	217.60	-31.56	-1841.01	246.17	-319.20	472.97
32274	77.89	16.81	7.03	233.01	-160.43	-2175.48	42.07	-105.71	587.26

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
32275	76.77	16.74	7.03	244.41	-157.52	-2220.88	67.53	-145.92	591.77
32276	75.66	16.61	7.03	249.75	-150.08	-2247.31	93.48	-184.55	588.88
32277	74.56	16.40	7.03	249.07	-138.28	-2254.21	118.64	-219.64	578.99
32278	73.48	16.14	7.03	242.90	-122.50	-2241.58	141.84	-249.44	562.89
32279	72.42	15.81	7.03	232.18	-103.35	-2209.92	162.17	-272.56	541.69
32280	71.38	15.42	7.03	218.09	-81.57	-2160.15	179.07	-288.11	516.71
32281	70.37	14.96	7.03	201.96	-57.90	-2093.48	192.33	-295.70	489.30
32282	69.40	14.45	7.03	185.12	-32.90	-2011.25	202.11	-295.45	460.71
32283	68.46	13.89	7.03	169.05	-6.86	-1914.93	208.67	-287.82	431.79
32284	64.15	9.44	7.03	104.28	176.40	-1152.09	233.27	-175.93	310.19
32285	64.71	10.32	7.03	154.86	146.58	-1282.89	244.33	-185.34	317.93
32286	65.32	11.15	7.03	133.49	108.94	-1429.36	227.53	-213.93	333.64
32287	65.01	9.38	7.03	276.02	107.05	-1186.19	294.14	-117.89	369.18
32288	65.40	10.14	7.03	242.24	87.10	-1318.87	284.38	-175.83	376.40
32289	65.83	10.87	7.03	205.34	73.07	-1437.54	269.73	-217.96	380.12
32290	65.87	9.32	7.03	369.89	36.94	-1298.20	313.84	-165.36	409.80
32291	66.09	9.97	7.03	315.94	38.44	-1379.27	308.93	-204.50	416.36
32292	66.33	10.60	7.03	267.49	38.22	-1459.82	296.87	-235.18	416.43
32293	67.58	13.27	7.03	154.39	20.48	-1807.92	212.83	-274.49	405.21
32294	67.80	12.50	7.03	203.89	-2.14	-1746.14	251.26	-299.53	443.28
32295	68.02	11.74	7.03	261.69	-25.07	-1705.51	281.93	-324.18	478.64
32296	66.77	12.62	7.03	142.16	47.08	-1691.96	216.25	-257.58	379.82
32297	67.08	12.01	7.03	195.51	24.16	-1650.65	255.38	-276.60	418.00
32298	67.38	11.42	7.03	254.51	-0.18	-1626.13	285.21	-296.91	453.02
32299	66.00	11.92	7.03	132.85	76.91	-1566.01	219.36	-236.37	354.97
32300	66.39	11.50	7.03	189.76	52.55	-1547.94	259.84	-248.78	393.65
32301	66.76	11.08	7.03	248.58	22.20	-1542.81	287.74	-265.47	428.01
32302	68.17	9.41	5.34	636.89	-108.89	-1703.27	349.35	-344.01	491.98
32303	67.25	9.37	5.34	680.41	-75.46	-1612.86	377.39	-278.38	471.17
32304	66.34	9.33	5.34	740.66	-32.47	-1516.42	409.31	-189.30	453.02
32305	68.00	10.23	5.34	542.08	-86.48	-1719.60	360.63	-330.84	504.14
32306	67.20	10.11	5.34	570.82	-51.94	-1642.85	384.40	-278.95	483.21
32307	66.41	9.99	5.34	607.81	-7.89	-1559.27	413.19	-212.54	464.99
32308	67.84	11.05	5.34	438.28	-58.89	-1750.63	352.11	-318.46	505.27
32309	67.17	10.85	5.34	456.12	-28.62	-1683.83	371.52	-280.36	486.01
32310	66.50	10.64	5.34	481.32	14.39	-1609.17	391.21	-233.68	468.83
32311	77.95	9.74	5.34	426.48	-183.42	-2048.70	68.76	-43.47	559.36
32312	76.95	9.73	5.34	462.09	-185.65	-2100.19	91.83	-114.66	573.69
32313	75.96	9.71	5.34	491.76	-187.38	-2129.24	117.55	-186.28	583.67
32314	74.97	9.69	5.34	515.14	-188.11	-2135.22	145.43	-254.47	588.66
32315	73.98	9.66	5.34	532.72	-187.21	-2118.78	174.90	-315.18	588.25
32316	73.00	9.63	5.34	545.83	-184.03	-2081.75	205.14	-364.55	582.33
32317	72.02	9.59	5.34	556.47	-177.83	-2027.00	235.47	-399.03	571.15
32318	71.05	9.55	5.34	567.63	-167.90	-1958.08	265.21	-415.87	555.33
32319	70.07	9.51	5.34	582.47	-153.49	-1878.65	294.04	-412.98	535.86
32320	69.11	9.45	5.34	604.82	-133.61	-1792.01	321.94	-388.87	514.02
32321	77.92	11.23	5.34	382.57	-209.85	-2027.88	76.74	-72.55	630.75
32322	76.88	11.20	5.34	412.94	-210.95	-2077.39	103.60	-141.01	643.01
32323	75.84	11.15	5.34	436.87	-210.32	-2105.03	132.58	-208.34	648.65
32324	74.82	11.08	5.34	454.42	-207.43	-2110.75	162.85	-270.77	647.45
32325	73.80	11.00	5.34	466.42	-201.76	-2095.77	193.61	-324.52	639.55
32326	72.79	10.90	5.34	474.51	-192.83	-2062.19	224.06	-366.34	625.44
32327	71.80	10.79	5.34	480.79	-180.21	-2012.81	253.54	-393.50	606.02
32328	70.81	10.67	5.34	488.02	-163.40	-1950.61	281.78	-404.09	582.48
32329	69.84	10.52	5.34	499.08	-141.99	-1878.39	308.85	-396.89	556.21
32330	68.87	10.37	5.34	517.46	-115.37	-1798.23	335.38	-371.21	528.84
32331	77.90	12.72	5.34	333.51	-228.88	-2021.58	80.74	-98.65	669.54
32332	76.82	12.67	5.34	358.29	-228.42	-2070.22	109.28	-161.25	679.68
32333	75.74	12.59	5.34	376.66	-224.83	-2098.54	139.25	-221.70	681.74
32334	74.68	12.49	5.34	388.91	-217.73	-2106.64	169.70	-276.57	675.86
32335	73.64	12.35	5.34	396.00	-206.89	-2095.68	199.67	-322.61	662.65
32336	72.61	12.19	5.34	399.55	-192.08	-2067.48	228.42	-357.16	643.13
32337	71.59	12.01	5.34	401.52	-173.20	-2024.20	255.50	-378.26	618.60
32338	70.60	11.79	5.34	404.22	-150.10	-1968.04	280.89	-384.63	590.54
32339	69.62	11.55	5.34	410.01	-122.49	-1900.86	305.06	-375.69	560.56
32340	68.66	11.29	5.34	421.28	-90.01	-1823.79	329.40	-351.37	530.37
32341	77.89	14.21	5.34	281.93	-229.38	-2048.35	79.01	-120.30	672.58
32342	76.76	14.15	5.34	301.51	-227.39	-2097.22	106.68	-174.41	680.59
32343	75.66	14.05	5.34	315.18	-221.28	-2127.34	135.25	-225.93	680.16
32344	74.57	13.90	5.34	323.27	-210.88	-2138.67	163.67	-271.96	671.71
32345	73.50	13.72	5.34	326.67	-196.22	-2131.88	191.02	-309.90	656.10
32346	72.44	13.50	5.34	326.71	-177.45	-2108.15	216.65	-337.69	634.55
32347	71.41	13.24	5.34	325.06	-154.74	-2068.91	240.24	-353.92	608.51
32348	70.40	12.93	5.34	323.51	-128.14	-2015.55	261.87	-357.84	579.54
32349	69.41	12.60	5.34	323.78	-97.52	-1949.23	282.13	-349.25	549.19
32350	68.45	12.22	5.34	327.39	-61.78	-1870.48	302.12	-328.34	518.85
32351	77.87	15.70	5.34	230.57	-205.78	-2117.30	70.19	-136.63	643.32
32352	76.73	15.63	5.34	245.82	-202.69	-2167.18	94.84	-180.50	649.21
32353	75.59	15.51	5.34	256.02	-195.33	-2199.21	120.12	-221.80	647.46
32354	74.48	15.33	5.34	261.36	-183.72	-2212.98	145.04	-258.31	638.55
32355	73.38	15.10	5.34	262.49	-168.05	-2208.60	168.76	-288.11	623.37
32356	72.30	14.81	5.34	260.39	-148.60	-2186.58	190.68	-309.69	603.05
32357	71.25	14.48	5.34	256.29	-125.72	-2147.68	210.55	-322.09	578.95
32358	70.22	14.09	5.34	251.55	-99.63	-2092.73	228.43	-324.86	552.42
32359	69.23	13.65	5.34	247.59	-70.25	-2022.43	244.70	-318.02	524.76
32360	68.26	13.17	5.34	245.40	-37.07	-1937.22	260.03	-301.88	497.08
32361	77.87	17.20	5.34	181.70	-163.80	-2219.15	53.88	-147.55	591.93
32362	76.70	17.12	5.34	193.70	-160.34	-2270.29	74.48	-180.51	595.76
32363	75.55	16.98	5.34	201.63	-153.19	-2303.80	95.74	-211.23	593.59
32364	74.41	16.77	5.34	205.50	-142.42	-2318.87	116.78	-238.23	585.81
32365	73.29	16.49	5.34	205.65	-128.23	-2315.08	136.86	-260.21	573.11
32366	72.19	16.14	5.34	202.69	-110.95	-2292.39	155.39	-276.19	556.38
32367	71.11	15.73	5.34	197.44	-90.94	-2251.00	172.07	-285.54	536.65
32368	70.07	15.25	5.34	190.85	-68.48	-2191.31	186.87	-287.97	514.93
32369	69.06	14.72	5.34	184.01	-43.62	-2113.78	200.06	-283.57	492.16
32370	68.09	14.12	5.34	178.54	-15.98	-2018.76	212.06	-272.64	469.00
32371	63.67	9.47	5.34	813.16	474.59	-998.46	637.44	119.56	403.61
32372	64.23	10.38	5.34	306.76	271.65	-1287.08	383.94	-105.85	386.78
32373	64.85	11.25	5.34	213.61	162.52	-1477.96	292.07	-174.86	393.16



Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
32374	64.56	9.40	5.34	861.12	145.09	-1269.64	508.56	48.10	432.20
32375	64.95	10.19	5.34	541.62	153.03	-1391.25	456.54	-98.85	434.25
32376	65.38	10.96	5.34	339.93	119.06	-1517.72	367.95	-176.32	428.51
32377	65.44	9.34	5.34	807.38	34.61	-1409.20	449.51	-78.48	439.74
32378	65.67	10.01	5.34	615.80	54.29	-1477.96	440.10	-145.03	450.71
32379	65.91	10.67	5.34	451.90	63.37	-1553.41	401.22	-194.30	450.43
32380	67.19	13.48	5.34	174.69	15.97	-1908.96	223.89	-256.23	447.52
32381	67.41	12.67	5.34	246.82	-1.60	-1844.92	275.36	-279.77	473.53
32382	67.65	11.87	5.34	334.67	-26.29	-1792.88	319.95	-301.01	494.43
32383	66.35	12.79	5.34	174.55	50.90	-1784.87	237.80	-235.57	427.16
32384	66.67	12.16	5.34	255.73	33.46	-1747.35	293.46	-253.57	453.82
32385	66.99	11.53	5.34	349.75	6.33	-1718.26	337.75	-271.52	475.82
32386	65.56	12.06	5.34	178.63	95.78	-1643.54	256.83	-207.96	407.34
32387	65.96	11.61	5.34	272.45	76.57	-1637.25	319.02	-219.93	435.59
32388	66.35	11.18	5.34	371.67	37.76	-1636.38	362.17	-235.00	458.12
32389	77.99	-3.10	17.16	-754.22	-1285.77	-3777.61	-481.70	620.69	2373.93
32390	77.07	-3.10	17.16	-841.33	-1414.57	-4127.32	-487.58	613.51	2575.77
32391	76.16	-3.10	17.16	-942.01	-1521.17	-4486.27	-470.86	606.34	2743.74
32392	75.24	-3.10	17.16	-1064.82	-1591.17	-4878.67	-429.02	614.97	2823.47
32393	74.32	-3.10	17.16	-1207.86	-1627.15	-5342.13	-308.46	681.42	2642.93
32394	73.40	-3.10	17.16	-1471.42	-1633.60	-7534.16	-62.38	1325.66	1249.54
32395	72.49	-3.10	17.16	-1249.18	-1761.88	-10789.70	137.56	-385.23	-184.48
32396	71.57	-3.10	17.16	-4916.82	-1882.19	-6804.65	-297.45	-5190.48	-614.31
32397	70.65	-3.10	17.16	-2345.88	-811.39	-1396.46	-82.82	-1827.74	-215.87
32398	69.73	-3.10	17.16	-1120.88	-539.62	-548.99	50.43	-779.44	-93.23
32399	68.81	-3.10	17.16	-494.98	-399.15	-241.23	114.07	-349.11	-40.84
32400	67.90	-3.10	17.16	-176.87	-317.99	-124.64	136.17	-151.34	-12.76
32401	66.98	-3.10	17.16	-24.03	-267.56	-75.86	135.11	-48.05	5.08
32402	66.06	-3.10	17.16	35.27	-235.15	-50.81	120.50	12.41	18.49
32403	65.14	-3.10	17.16	39.57	-213.92	-24.32	97.16	47.15	29.57
32404	64.23	-3.10	17.16	11.87	-197.28	39.21	66.78	51.92	38.62
32405	77.99	-2.50	17.16	-267.32	-598.31	-1378.60	-302.10	309.99	1233.19
32406	77.06	-2.50	17.16	-327.85	-661.60	-1514.53	-307.50	307.96	1329.14
32407	76.14	-2.50	17.16	-412.66	-715.79	-1671.37	-295.82	321.06	1390.02
32408	75.21	-2.50	17.16	-562.02	-763.69	-1915.59	-254.74	398.37	1364.05
32409	74.29	-2.50	17.16	-879.05	-787.90	-2427.37	-154.37	747.79	1056.77
32410	73.36	-2.50	17.16	-1700.59	-1369.85	-6569.19	-105.88	2470.18	488.68
32411	72.44	-2.50	17.16	-1198.44	-1841.09	-11036.50	124.66	-336.08	-139.55
32412	71.51	-2.50	17.16	-4946.85	-1891.65	-6864.06	-208.46	-5223.07	-497.13
32413	70.59	-2.50	17.16	-2351.35	-804.45	-1385.38	-42.93	-1819.48	-171.80
32414	69.66	-2.50	17.16	-1116.50	-538.83	-543.84	61.28	-772.02	-72.69
32415	68.74	-2.50	17.16	-484.45	-403.30	-237.76	110.26	-345.68	-30.46
32416	67.81	-2.50	17.16	-164.30	-324.44	-122.34	126.32	-149.75	-8.28
32417	66.89	-2.50	17.16	-11.63	-273.75	-74.28	123.08	-47.22	6.16
32418	65.96	-2.50	17.16	46.12	-239.86	-49.93	108.46	13.07	17.37
32419	65.04	-2.50	17.16	48.09	-216.56	-24.29	86.35	48.00	27.21
32420	64.12	-2.50	17.16	17.62	-196.78	38.82	58.01	52.74	36.49
32421	77.98	-3.10	15.47	-363.45	26.68	-2784.41	-105.30	631.91	647.42
32422	77.03	-3.10	15.47	-410.87	-11.86	-3095.46	-61.40	667.88	694.61
32423	76.09	-3.10	15.47	-470.48	-67.34	-3474.51	29.13	718.63	691.29
32424	75.14	-3.10	15.47	-524.36	-154.07	-4007.21	160.85	801.51	592.85
32425	74.20	-3.10	15.47	-493.09	-327.82	-4920.18	319.68	882.42	326.44
32426	73.26	-3.10	15.47	-89.66	-581.77	-5921.03	407.44	376.62	35.85
32427	72.31	-3.10	15.47	211.70	-692.35	-5865.41	215.26	-935.14	-198.78
32428	71.37	-3.10	15.47	170.92	-554.25	-4770.31	92.59	-1886.11	-351.21
32429	70.42	-3.10	15.47	-1215.40	-552.21	-3066.82	-79.85	-2326.44	-366.71
32430	69.48	-3.10	15.47	-1195.03	-370.74	-1501.27	-93.84	-1565.80	-247.61
32431	68.53	-3.10	15.47	-921.27	-266.98	-797.48	-64.83	-967.98	-151.10
32432	67.59	-3.10	15.47	-642.41	-199.29	-457.89	-31.67	-573.43	-82.38
32433	66.64	-3.10	15.47	-416.85	-150.30	-283.44	-5.42	-322.26	-33.60
32434	65.70	-3.10	15.47	-245.38	-109.98	-176.88	12.16	-163.56	2.82
32435	64.75	-3.10	15.47	-117.59	-71.68	-77.88	21.51	-64.40	32.59
32436	63.81	-3.10	15.47	-28.37	-30.99	71.81	22.55	2.61	61.48
32437	77.97	-2.50	15.47	-391.79	-535.47	-2307.07	-146.02	570.72	993.67
32438	77.02	-2.50	15.47	-468.86	-603.03	-2581.17	-97.95	627.06	1057.50
32439	76.07	-2.50	15.47	-569.56	-681.14	-2940.73	-8.56	727.99	1065.93
32440	75.12	-2.50	15.47	-673.45	-773.94	-3502.96	127.45	910.20	964.45
32441	74.17	-2.50	15.47	-677.51	-922.96	-4663.25	283.15	1160.93	698.23
32442	73.22	-2.50	15.47	-11.31	-891.35	-5809.77	389.41	536.79	245.17
32443	72.27	-2.50	15.47	314.74	-766.97	-5858.36	205.95	-813.62	-134.20
32444	71.31	-2.50	15.47	200.77	-607.42	-4820.88	88.83	-1886.97	-277.28
32445	70.36	-2.50	15.47	-1222.35	-583.39	-3081.15	-54.32	-2343.93	-290.23
32446	69.41	-2.50	15.47	-1203.07	-387.86	-1499.21	-66.15	-1574.18	-193.61
32447	68.46	-2.50	15.47	-926.06	-276.67	-793.39	-43.93	-971.59	-116.40
32448	67.51	-2.50	15.47	-643.96	-205.51	-453.69	-18.46	-574.30	-61.05
32449	66.56	-2.50	15.47	-416.17	-154.82	-280.03	1.53	-321.51	-21.16
32450	65.60	-2.50	15.47	-243.47	-113.47	-174.84	14.56	-161.82	9.29
32451	64.65	-2.50	15.47	-115.17	-74.32	-77.49	20.94	-62.09	35.00
32452	63.70	-2.50	15.47	-26.15	-32.16	71.30	21.21	5.36	60.50
32453	77.96	-3.10	13.78	-160.24	-316.75	-2440.68	-37.97	640.87	272.98
32454	76.99	-3.10	13.78	-134.49	-350.28	-2761.83	5.45	672.09	278.30
32455	76.02	-3.10	13.78	-75.57	-386.28	-3147.52	67.56	676.41	240.84
32456	75.05	-3.10	13.78	48.84	-418.65	-3614.11	130.89	612.90	140.86
32457	74.08	-3.10	13.78	279.44	-431.85	-4071.47	159.06	346.96	4.00
32458	73.11	-3.10	13.78	460.65	-397.76	-4273.37	128.74	-177.11	-136.77
32459	72.14	-3.10	13.78	402.33	-343.67	-4060.11	100.71	-757.10	-257.02
32460	71.16	-3.10	13.78	88.06	-317.26	-3467.86	15.29	-1174.46	-317.36
32461	70.19	-3.10	13.78	-76.07	-247.67	-2676.75	-43.66	-1325.62	-313.41
32462	69.22	-3.10	13.78	-400.09	-209.20	-1893.53	-89.26	-1282.87	-269.41
32463	68.25	-3.10	13.78	-486.18	-152.12	-1236.45	-96.08	-1013.48	-200.52
32464	67.28	-3.10	13.78	-441.33	-102.22	-808.22	-81.97	-734.35	-135.70
32465	66.31	-3.10	13.78	-343.90	-58.31	-534.04	-60.55	-508.07	-81.40
32466	65.34	-3.10	13.78	-234.92	-17.19	-346.41	-38.99	-339.67	-36.02
32467	64.36	-3.10	13.78	-132.32	24.03	-195.39	-20.34	-211.21	5.22
32468	63.39	-3.10	13.78	-43.66	66.27	-49.02	-5.44	-90.04	49.08
32469	77.96	-2.50	13.78	-159.03	-352.78	-2258.46	-33.89	621.77	285.76
32470	76.98	-2.50	13.78	-144.51	-380.03	-2566.44	9.29	671.87	286.88
32471	76.00	-2.50	13.78	-94.57	-406.34	-2963.24	68.65	710.34	247.16
32472	75.03	-2.50	13.78	35.68	-429.50	-3489.95	128.66	684.36	153.87

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
32473	74.05	-2.50	13.78	311.48	-423.22	-4003.96	161.10	406.35	20.44
32474	73.07	-2.50	13.78	471.27	-424.99	-4259.31	132.12	-124.46	-94.68
32475	72.09	-2.50	13.78	421.52	-400.41	-4079.58	100.82	-727.40	-188.05
32476	71.11	-2.50	13.78	113.17	-353.42	-3500.45	22.29	-1167.78	-249.41
32477	70.14	-2.50	13.78	-70.10	-270.75	-2706.05	-31.27	-1341.54	-251.41
32478	69.16	-2.50	13.78	-407.37	-221.77	-1906.77	-71.03	-1300.65	-216.59
32479	68.18	-2.50	13.78	-496.30	-158.68	-1238.76	-77.41	-1025.03	-159.72
32480	67.20	-2.50	13.78	-450.16	-105.95	-805.83	-66.06	-740.19	-105.70
32481	66.22	-2.50	13.78	-350.23	-60.91	-530.26	-48.45	-509.98	-60.12
32482	65.24	-2.50	13.78	-238.76	-19.38	-343.02	-30.56	-339.30	-21.77
32483	64.27	-2.50	13.78	-134.08	22.08	-193.12	-14.90	-209.62	13.20
32484	63.29	-2.50	13.78	-43.89	64.79	-47.64	-1.90	-87.22	49.97
32485	77.95	-3.10	12.09	101.70	-290.18	-2365.49	5.16	551.89	20.60
32486	76.95	-3.10	12.09	178.98	-297.38	-2635.84	30.55	529.40	1.56
32487	75.95	-3.10	12.09	285.19	-300.87	-2924.22	55.59	455.52	-37.54
32488	74.96	-3.10	12.09	413.94	-297.39	-3188.86	72.26	293.98	-93.45
32489	73.96	-3.10	12.09	516.98	-281.44	-3351.95	73.31	33.74	-161.34
32490	72.96	-3.10	12.09	543.91	-257.03	-3344.02	57.58	-280.78	-231.21
32491	71.96	-3.10	12.09	483.21	-227.69	-3144.75	13.27	-582.11	-280.59
32492	70.96	-3.10	12.09	363.25	-188.06	-2772.91	-28.94	-816.11	-298.93
32493	69.96	-3.10	12.09	165.02	-155.28	-2296.00	-68.97	-926.86	-287.48
32494	68.97	-3.10	12.09	25.05	-114.91	-1796.59	-91.91	-907.45	-253.46
32495	67.97	-3.10	12.09	-93.87	-79.20	-1346.08	-101.14	-810.40	-208.67
32496	66.97	-3.10	12.09	-149.62	-42.26	-971.64	-96.74	-663.56	-160.07
32497	65.97	-3.10	12.09	-157.08	-5.85	-687.02	-83.57	-514.83	-113.59
32498	64.97	-3.10	12.09	-135.86	30.40	-478.61	-65.88	-383.86	-69.99
32499	63.98	-3.10	12.09	-99.97	66.52	-334.49	-46.22	-268.53	-26.96
32500	62.98	-3.10	12.09	-45.69	104.11	-254.30	-24.02	-149.25	19.59
32501	77.95	-2.50	12.09	89.72	-359.54	-2296.93	-0.32	554.18	36.59
32502	76.94	-2.50	12.09	164.66	-369.53	-2571.41	22.69	543.11	22.59
32503	75.94	-2.50	12.09	272.78	-372.38	-2874.19	45.82	480.60	-10.71
32504	74.93	-2.50	12.09	410.58	-362.20	-3157.09	61.22	323.62	-61.86
32505	73.93	-2.50	12.09	516.77	-340.57	-3345.03	60.20	66.62	-121.73
32506	72.92	-2.50	12.09	558.71	-298.75	-3362.14	46.18	-255.70	-183.84
32507	71.92	-2.50	12.09	499.41	-251.82	-3178.60	10.73	-573.49	-228.73
32508	70.91	-2.50	12.09	373.32	-205.23	-2807.77	-24.10	-821.24	-244.77
32509	69.91	-2.50	12.09	169.64	-165.22	-2322.90	-58.19	-938.81	-235.77
32510	68.90	-2.50	12.09	22.68	-120.44	-1813.25	-77.73	-921.52	-206.81
32511	67.90	-2.50	12.09	-100.65	-81.93	-1352.89	-85.26	-821.85	-168.34
32512	66.89	-2.50	12.09	-157.50	-43.60	-971.60	-81.06	-670.70	-126.73
32513	65.89	-2.50	12.09	-164.24	-6.81	-683.23	-69.43	-518.38	-87.14
32514	64.88	-2.50	12.09	-141.48	29.28	-473.32	-53.97	-385.13	-50.27
32515	63.88	-2.50	12.09	-103.87	65.09	-329.22	-36.75	-268.43	-14.25
32516	62.87	-2.50	12.09	-47.65	102.02	-250.44	-17.62	-147.66	24.16
32517	77.94	-3.10	10.41	303.46	-251.70	-2262.20	7.69	416.00	-120.45
32518	76.91	-3.10	10.41	388.93	-251.64	-2463.77	15.79	354.75	-139.62
32519	75.89	-3.10	10.41	481.62	-245.71	-2645.94	20.47	250.74	-167.07
32520	74.86	-3.10	10.41	564.51	-232.84	-2778.12	18.58	99.74	-200.76
32521	73.84	-3.10	10.41	617.83	-214.33	-2827.84	7.80	-87.46	-235.38
32522	72.81	-3.10	10.41	626.58	-191.54	-2772.53	-13.10	-287.14	-262.59
32523	71.79	-3.10	10.41	585.26	-165.16	-2604.36	-37.42	-468.70	-277.75
32524	70.76	-3.10	10.41	497.46	-137.97	-2340.24	-64.41	-597.53	-278.24
32525	69.74	-3.10	10.41	394.73	-107.79	-2012.12	-86.62	-658.48	-263.78
32526	68.71	-3.10	10.41	280.45	-78.44	-1658.70	-102.10	-650.77	-237.44
32527	67.69	-3.10	10.41	184.30	-47.41	-1313.17	-108.46	-586.29	-203.69
32528	66.66	-3.10	10.41	102.88	-16.27	-1001.24	-107.12	-492.40	-167.39
32529	65.64	-3.10	10.41	37.09	15.24	-738.20	-99.34	-392.12	-131.47
32530	64.61	-3.10	10.41	-13.87	46.55	-542.06	-85.87	-304.93	-97.06
32531	63.59	-3.10	10.41	-37.46	79.46	-429.15	-65.78	-230.53	-62.04
32532	62.56	-3.10	10.41	-43.44	111.96	-423.94	-40.60	-166.11	-24.51
32533	77.93	-2.50	10.41	299.87	-278.14	-2249.33	5.10	423.23	-104.76
32534	76.90	-2.50	10.41	386.81	-277.32	-2455.67	11.99	366.35	-120.35
32535	75.87	-2.50	10.41	482.67	-269.39	-2645.74	15.97	265.18	-143.08
32536	74.84	-2.50	10.41	568.80	-254.37	-2788.85	14.25	115.19	-170.50
32537	73.81	-2.50	10.41	627.35	-231.72	-2849.42	5.59	-75.29	-198.94
32538	72.78	-2.50	10.41	637.27	-205.63	-2801.30	-11.85	-281.25	-221.47
32539	71.74	-2.50	10.41	596.23	-175.86	-2635.28	-33.18	-469.10	-233.50
32540	70.71	-2.50	10.41	506.29	-144.16	-2369.01	-56.29	-603.78	-232.68
32541	69.68	-2.50	10.41	399.30	-111.03	-2034.92	-74.71	-668.21	-218.76
32542	68.65	-2.50	10.41	281.29	-79.40	-1673.49	-87.19	-660.78	-194.99
32543	67.62	-2.50	10.41	182.23	-47.11	-1320.03	-91.86	-594.44	-165.21
32544	66.59	-2.50	10.41	99.05	-15.55	-1001.26	-89.95	-497.63	-133.62
32545	65.56	-2.50	10.41	32.41	15.65	-732.93	-82.63	-394.61	-102.80
32546	64.52	-2.50	10.41	-18.95	45.98	-533.40	-70.58	-305.81	-73.78
32547	63.49	-2.50	10.41	-42.16	77.58	-419.51	-52.90	-230.80	-44.82
32548	62.46	-2.50	10.41	-46.93	108.08	-416.69	-31.56	-166.06	-14.29
32549	77.92	-3.10	8.72	431.39	-212.18	-2112.98	-1.68	281.57	-186.00
32550	76.87	-3.10	8.72	510.11	-209.18	-2258.14	-3.80	207.46	-201.46
32551	75.82	-3.10	8.72	585.59	-202.22	-2373.56	-8.91	107.77	-219.30
32552	74.77	-3.10	8.72	648.40	-191.55	-2442.47	-18.19	-13.97	-237.39
32553	73.72	-3.10	8.72	689.14	-177.42	-2449.73	-32.00	-147.80	-252.71
32554	72.66	-3.10	8.72	701.43	-160.19	-2385.69	-49.03	-278.13	-262.64
32555	71.61	-3.10	8.72	684.18	-140.51	-2250.64	-68.05	-385.99	-264.66
32556	70.56	-3.10	8.72	643.83	-118.41	-2053.98	-85.76	-456.06	-257.56
32557	69.51	-3.10	8.72	586.33	-94.46	-1812.57	-100.34	-477.85	-241.95
32558	68.46	-3.10	8.72	523.51	-67.64	-1545.30	-109.98	-450.16	-219.57
32559	67.40	-3.10	8.72	456.39	-38.25	-1269.38	-114.60	-380.55	-192.95
32560	66.35	-3.10	8.72	384.51	-6.07	-997.63	-114.78	-282.91	-164.94
32561	65.30	-3.10	8.72	297.76	27.63	-742.21	-111.75	-179.70	-138.77
32562	64.25	-3.10	8.72	184.61	60.17	-524.73	-105.73	-103.53	-117.94
32563	63.20	-3.10	8.72	48.13	84.84	-415.93	-93.12	-101.66	-105.35
32564	62.14	-3.10	8.72	21.86	122.19	-468.76	-59.89	-125.35	-88.15
32565	77.92	-2.50	8.72	432.43	-226.82	-2123.58	-2.12	288.66	-163.64
32566	76.86	-2.50	8.72	512.79	-223.53	-2272.32	-4.35	215.53	-175.93
32567	75.80	-2.50	8.72	590.48	-215.59	-2392.52	-9.00	115.91	-190.05
32568	74.75	-2.50	8.72	656.01	-202.91	-2466.29	-17.02	-7.39	-204.39
32569	73.69	-2.50	8.72	698.57	-186.40	-2477.25	-28.90	-144.14	-216.26
32570	72.63	-2.50	8.72	712.08	-166.30	-2414.84	-43.38	-278.11	-223.21
32571	71.57	-2.50	8.72	694.39	-143.85	-2278.82	-59.13	-389.78	-223.29

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
32572	70.51	-2.50	8.72	652.54	-119.52	-2078.50	-73.65	-462.55	-215.67
32573	69.45	-2.50	8.72	593.04	-93.64	-1831.54	-85.41	-485.50	-200.89
32574	68.40	-2.50	8.72	528.02	-65.56	-1557.76	-92.81	-457.34	-180.46
32575	67.34	-2.50	8.72	459.10	-35.54	-1275.10	-95.89	-385.85	-156.69
32576	66.28	-2.50	8.72	385.84	-3.44	-996.87	-95.22	-285.48	-132.11
32577	65.22	-2.50	8.72	297.83	29.40	-735.27	-91.94	-179.37	-109.55
32578	64.16	-2.50	8.72	182.92	60.13	-511.87	-86.25	-101.03	-92.00
32579	63.11	-2.50	8.72	43.41	81.96	-399.38	-74.96	-99.82	-81.92
32580	62.05	-2.50	8.72	16.92	115.06	-454.50	-47.33	-126.77	-68.57
32581	77.91	-3.10	7.03	499.85	-189.94	-1940.95	-13.78	164.02	-207.76
32582	76.83	-3.10	7.03	571.94	-187.50	-2049.13	-21.06	90.56	-219.15
32583	75.75	-3.10	7.03	639.53	-182.53	-2128.24	-30.49	2.98	-230.10
32584	74.67	-3.10	7.03	697.52	-175.01	-2168.87	-42.23	-93.82	-239.39
32585	73.60	-3.10	7.03	741.69	-164.97	-2163.50	-55.90	-191.52	-245.61
32586	72.52	-3.10	7.03	770.10	-152.49	-2108.62	-70.68	-279.14	-247.34
32587	71.44	-3.10	7.03	784.06	-137.35	-2005.63	-85.06	-345.14	-243.68
32588	70.36	-3.10	7.03	787.26	-119.10	-1860.80	-97.61	-379.04	-234.36
32589	69.28	-3.10	7.03	785.68	-96.73	-1683.35	-106.85	-373.68	-219.75
32590	68.20	-3.10	7.03	783.34	-69.21	-1483.12	-112.05	-325.62	-200.81
32591	67.12	-3.10	7.03	782.37	-35.10	-1267.63	-113.29	-235.09	-178.99
32592	66.04	-3.10	7.03	777.69	6.32	-1039.65	-111.95	-105.97	-156.43
32593	64.96	-3.10	7.03	754.34	54.46	-794.89	-110.60	52.80	-136.58
32594	63.89	-3.10	7.03	676.72	105.74	-522.34	-112.39	217.12	-125.70
32595	62.81	-3.10	7.03	467.29	151.43	-213.19	-118.93	309.93	-135.83
32596	61.73	-3.10	7.03	-61.67	128.95	-244.84	-113.45	-6.25	-189.81
32597	77.91	-2.50	7.03	504.01	-195.48	-1959.96	-11.61	169.72	-181.81
32598	76.82	-2.50	7.03	577.67	-192.63	-2070.61	-18.17	95.71	-190.82
32599	75.74	-2.50	7.03	647.04	-186.85	-2152.19	-26.41	6.94	-199.27
32600	74.65	-2.50	7.03	706.63	-178.24	-2194.79	-36.51	-91.70	-206.09
32601	73.57	-2.50	7.03	752.06	-166.88	-2190.35	-48.07	-191.74	-210.11
32602	72.48	-2.50	7.03	781.01	-152.97	-2134.92	-60.38	-281.87	-210.23
32603	71.40	-2.50	7.03	794.87	-136.36	-2029.75	-72.20	-349.99	-205.68
32604	70.31	-2.50	7.03	797.32	-116.67	-1881.26	-82.24	-385.27	-196.28
32605	69.23	-2.50	7.03	794.61	-93.08	-1699.06	-89.30	-380.27	-182.44
32606	68.14	-2.50	7.03	791.09	-64.61	-1493.45	-92.86	-331.49	-165.08
32607	67.06	-2.50	7.03	789.15	-30.08	-1272.32	-93.10	-239.28	-145.55
32608	65.97	-2.50	7.03	783.93	10.95	-1038.61	-91.26	-107.65	-125.72
32609	64.89	-2.50	7.03	760.47	57.71	-787.85	-89.44	54.40	-108.47
32610	63.80	-2.50	7.03	682.58	106.63	-508.32	-90.26	222.68	-99.02
32611	62.72	-2.50	7.03	470.49	149.67	-188.59	-94.61	318.87	-107.01
32612	61.63	-2.50	7.03	-69.39	118.64	-216.14	-91.18	-7.21	-152.72
32613	77.90	-3.10	5.34	524.88	-177.43	-1766.45	-24.24	63.29	-205.45
32614	76.79	-3.10	5.34	592.91	-176.45	-1852.01	-33.65	-6.13	-213.44
32615	75.69	-3.10	5.34	658.10	-173.86	-1912.28	-44.50	-83.14	-220.00
32616	74.58	-3.10	5.34	718.17	-169.55	-1941.95	-56.59	-163.09	-224.47
32617	73.47	-3.10	5.34	771.94	-163.30	-1937.39	-69.41	-239.49	-226.15
32618	72.37	-3.10	5.34	820.04	-154.68	-1897.55	-82.05	-304.74	-224.49
32619	71.26	-3.10	5.34	865.17	-142.95	-1824.33	-93.39	-350.96	-219.21
32620	70.16	-3.10	5.34	912.17	-126.86	-1722.25	-102.09	-371.13	-210.34
32621	69.05	-3.10	5.34	967.13	-104.60	-1597.47	-106.95	-359.65	-198.27
32622	67.95	-3.10	5.34	1037.14	-73.62	-1456.23	-107.13	-312.44	-183.68
32623	66.84	-3.10	5.34	1129.28	-30.94	-1302.98	-102.70	-226.11	-167.56
32624	65.73	-3.10	5.34	1251.25	26.23	-1137.57	-95.14	-96.01	-151.45
32625	64.63	-3.10	5.34	1411.56	99.36	-950.16	-87.35	87.55	-137.91
32626	63.52	-3.10	5.34	1617.84	189.50	-707.24	-82.89	345.85	-131.88
32627	62.42	-3.10	5.34	1862.75	302.04	-316.68	-86.34	717.03	-147.28
32628	61.31	-3.10	5.34	2031.68	498.26	832.20	-127.64	1238.14	-251.49
32629	77.89	-2.50	5.34	530.50	-178.54	-1787.06	-19.94	67.38	-178.99
32630	76.78	-2.50	5.34	599.94	-177.23	-1874.20	-28.16	-3.19	-185.27
32631	75.67	-2.50	5.34	666.54	-174.13	-1935.70	-37.50	-81.71	-190.12
32632	74.56	-2.50	5.34	727.89	-169.11	-1965.98	-47.75	-163.43	-193.01
32633	73.45	-2.50	5.34	782.62	-161.99	-1961.15	-58.45	-241.75	-193.38
32634	72.34	-2.50	5.34	831.28	-152.35	-1919.99	-68.81	-308.78	-190.79
32635	71.22	-2.50	5.34	876.49	-139.50	-1844.41	-77.85	-356.44	-185.06
32636	70.11	-2.50	5.34	923.13	-122.21	-1739.01	-84.49	-377.46	-176.29
32637	69.00	-2.50	5.34	977.37	-98.75	-1610.19	-87.78	-366.15	-164.88
32638	67.89	-2.50	5.34	1046.48	-66.82	-1464.40	-87.15	-318.41	-151.47
32639	66.78	-2.50	5.34	1137.88	-23.90	-1306.27	-82.81	-230.93	-136.98
32640	65.67	-2.50	5.34	1259.82	32.25	-1135.70	-75.93	-99.05	-122.67
32641	64.55	-2.50	5.34	1421.26	103.12	-942.82	-68.43	86.92	-110.37
32642	63.44	-2.50	5.34	1629.83	190.99	-693.97	-62.75	348.29	-103.58
32643	62.33	-2.50	5.34	1878.37	303.80	-296.71	-63.71	724.03	-114.54
32644	61.22	-2.50	5.34	2047.38	507.02	882.46	-97.08	1251.85	-199.67
32645	78.91	-2.50	17.16	-211.85	-533.74	-1247.13	-285.27	313.51	1122.23
32646	79.84	-2.50	17.16	-154.63	-470.11	-1114.75	-262.94	315.24	1002.52
32647	80.76	-2.50	17.16	-96.92	-403.81	-981.52	-236.82	313.11	872.12
32648	81.69	-2.50	17.16	-42.66	-332.72	-858.00	-205.03	299.69	719.48
32649	82.61	-2.50	17.16	0.40	-262.71	-776.72	-166.21	236.78	495.11
32650	83.54	-2.50	17.16	1.07	-318.78	-1584.78	-117.68	-114.65	175.56
32651	84.46	-2.50	17.16	-239.98	-354.80	-1865.79	-89.47	807.10	-93.42
32652	85.39	-2.50	17.16	-948.07	-354.16	-963.41	-40.76	933.28	-102.90
32653	86.31	-2.50	17.16	-439.06	-216.27	-259.50	-69.01	380.24	-40.04
32654	87.24	-2.50	17.16	-169.87	-182.09	-117.44	-85.19	170.23	-15.61
32655	88.16	-2.50	17.16	-27.08	-169.14	-59.25	-89.43	70.83	-3.96
32656	89.09	-2.50	17.16	41.53	-165.38	-33.77	-86.14	18.42	2.51
32657	90.01	-2.50	17.16	65.12	-165.25	-20.58	-78.16	-11.71	6.63
32658	90.94	-2.50	17.16	60.88	-165.86	-10.61	-67.13	-29.01	9.51
32659	91.86	-2.50	17.16	40.14	-164.84	3.00	-53.88	-35.50	11.73
32660	92.79	-2.50	17.16	11.76	-158.44	30.24	-38.35	-27.30	14.32
32661	78.91	-3.10	17.16	-666.53	-1153.78	-3428.28	-458.70	621.71	2156.54
32662	79.83	-3.10	17.16	-574.33	-1023.48	-3072.62	-430.76	617.90	1928.82
32663	80.74	-3.10	17.16	-483.48	-883.93	-2707.22	-400.64	607.94	1688.35
32664	81.66	-3.10	17.16	-398.25	-725.42	-2330.12	-360.27	590.76	1421.43
32665	82.58	-3.10	17.16	-309.83	-544.39	-1931.20	-303.07	559.18	1084.47
32666	83.50	-3.10	17.16	-214.05	-388.74	-1890.48	-202.07	399.14	419.68
32667	84.42	-3.10	17.16	-283.00	-308.25	-1695.46	-87.77	811.92	-107.65
32668	85.33	-3.10	17.16	-932.34	-335.89	-907.65	-17.43	896.30	-117.51
32669	86.25	-3.10	17.16	-436.35	-209.73	-252.77	-55.13	372.51	-46.79
32670	87.17	-3.10	17.16	-172.59	-176.71	-115.74	-77.32	168.19	-19.63

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
32671	88.09	-3.10	17.16	-31.88	-164.06	-59.00	-85.46	70.10	-6.53
32672	89.00	-3.10	17.16	36.09	-160.62	-33.86	-84.85	18.12	0.84
32673	89.92	-3.10	17.16	59.84	-160.90	-20.68	-78.66	-11.78	5.44
32674	90.84	-3.10	17.16	56.27	-162.00	-10.60	-68.83	-28.93	8.42
32675	91.76	-3.10	17.16	36.48	-161.53	3.11	-56.45	-35.39	10.11
32676	92.67	-3.10	17.16	9.02	-156.02	30.04	-42.01	-27.69	10.81
32677	78.93	-2.50	15.47	-332.52	-481.56	-2068.83	-167.47	533.23	904.82
32678	79.88	-2.50	15.47	-287.18	-441.31	-1848.99	-181.65	501.33	802.86
32679	80.83	-2.50	15.47	-259.35	-408.30	-1648.18	-201.05	463.22	684.31
32680	81.78	-2.50	15.47	-250.04	-379.24	-1486.51	-227.59	402.42	535.32
32681	82.73	-2.50	15.47	-245.15	-363.40	-1455.90	-252.01	306.52	342.02
32682	83.68	-2.50	15.47	-132.96	-311.29	-1391.66	-242.34	374.47	119.29
32683	84.63	-2.50	15.47	-80.75	-270.35	-1242.56	-138.64	445.07	-31.19
32684	85.59	-2.50	15.47	-111.29	-240.19	-980.91	-64.83	556.96	-81.15
32685	86.54	-2.50	15.47	-287.96	-220.51	-629.20	-27.11	524.64	-72.99
32686	87.49	-2.50	15.47	-258.71	-183.30	-346.94	-20.96	347.55	-46.21
32687	88.44	-2.50	15.47	-189.27	-159.62	-202.68	-23.56	204.61	-24.40
32688	89.39	-2.50	15.47	-122.37	-143.66	-122.72	-27.10	103.61	-8.46
32689	90.34	-2.50	15.47	-69.39	-131.55	-72.00	-29.14	35.72	3.01
32690	91.30	-2.50	15.47	-31.15	-120.47	-29.89	-29.07	-7.12	11.50
32691	92.25	-2.50	15.47	-6.35	-108.35	19.64	-26.89	-30.13	18.44
32692	93.20	-2.50	15.47	4.25	-94.13	93.71	-23.12	-37.79	25.31
32693	78.92	-3.10	15.47	-317.34	37.45	-2500.42	-117.92	598.57	584.67
32694	79.87	-3.10	15.47	-271.32	20.54	-2229.61	-128.12	570.49	518.95
32695	80.81	-3.10	15.47	-238.28	-8.41	-1973.59	-151.45	544.43	441.05
32696	81.76	-3.10	15.47	-225.03	-43.07	-1746.05	-183.08	507.16	336.17
32697	82.70	-3.10	15.47	-219.25	-101.40	-1593.57	-213.96	448.24	187.73
32698	83.65	-3.10	15.47	-171.31	-179.66	-1446.01	-221.71	468.43	49.50
32699	84.59	-3.10	15.47	-159.34	-234.82	-1240.40	-135.13	510.35	-41.27
32700	85.53	-3.10	15.47	-142.35	-218.02	-947.20	-64.99	559.37	-90.42
32701	86.48	-3.10	15.47	-293.10	-206.80	-612.23	-25.49	514.25	-83.10
32702	87.42	-3.10	15.47	-259.00	-174.73	-341.22	-19.03	340.47	-55.03
32703	88.37	-3.10	15.47	-189.21	-153.72	-200.65	-22.29	200.38	-31.65
32704	89.31	-3.10	15.47	-122.91	-139.18	-121.99	-26.84	101.26	-14.48
32705	90.26	-3.10	15.47	-70.55	-127.91	-71.62	-29.90	34.55	-2.30
32706	91.20	-3.10	15.47	-32.71	-117.40	-29.50	-30.71	-7.62	6.28
32707	92.15	-3.10	15.47	-8.07	-105.79	19.96	-29.08	-30.40	12.57
32708	93.09	-3.10	15.47	2.73	-92.48	93.29	-25.02	-38.26	18.20
32709	78.94	-2.50	13.78	-159.06	-329.44	-2008.84	-61.61	571.84	262.20
32710	79.92	-2.50	13.78	-153.45	-311.34	-1800.76	-81.83	523.80	225.62
32711	80.90	-2.50	13.78	-145.42	-295.86	-1628.70	-99.93	476.19	175.57
32712	81.87	-2.50	13.78	-129.67	-281.17	-1498.34	-112.62	431.59	110.67
32713	82.85	-2.50	13.78	-89.50	-262.65	-1382.08	-110.43	421.89	40.21
32714	83.83	-2.50	13.78	-75.77	-252.54	-1257.85	-86.97	432.55	-13.48
32715	84.81	-2.50	13.78	-82.81	-235.34	-1093.53	-66.11	457.39	-51.17
32716	85.79	-2.50	13.78	-114.62	-210.34	-893.69	-36.15	451.85	-72.63
32717	86.76	-2.50	13.78	-133.57	-183.20	-685.04	-13.29	415.12	-72.66
32718	87.74	-2.50	13.78	-162.63	-161.05	-491.94	-1.12	346.69	-59.05
32719	88.72	-2.50	13.78	-153.26	-139.53	-334.61	1.19	252.79	-40.64
32720	89.70	-2.50	13.78	-122.65	-121.37	-220.72	-1.32	165.98	-23.56
32721	90.68	-2.50	13.78	-84.98	-105.63	-133.49	-5.33	96.40	-9.29
32722	91.66	-2.50	13.78	-48.79	-91.04	-56.18	-9.17	44.65	2.44
32723	92.63	-2.50	13.78	-19.11	-76.82	25.96	-12.18	6.77	12.65
32724	93.61	-2.50	13.78	1.13	-62.73	125.99	-14.69	-24.88	22.53
32725	78.94	-3.10	13.78	-166.87	-292.41	-2173.27	-63.91	598.98	249.46
32726	79.91	-3.10	13.78	-162.25	-278.14	-1948.29	-82.85	556.83	218.09
32727	80.88	-3.10	13.78	-153.58	-268.53	-1752.88	-101.63	518.52	173.68
32728	81.85	-3.10	13.78	-140.54	-258.96	-1583.47	-115.51	482.39	110.33
32729	82.82	-3.10	13.78	-113.75	-246.31	-1429.66	-112.72	464.05	40.24
32730	83.79	-3.10	13.78	-96.84	-228.44	-1275.07	-86.88	463.60	-19.48
32731	84.76	-3.10	13.78	-96.86	-207.04	-1091.94	-67.22	474.79	-62.11
32732	85.74	-3.10	13.78	-131.58	-192.85	-883.73	-38.87	459.35	-82.27
32733	86.71	-3.10	13.78	-142.32	-171.67	-672.82	-15.95	411.66	-82.55
32734	87.68	-3.10	13.78	-164.56	-153.57	-483.99	-2.89	340.10	-69.08
32735	88.65	-3.10	13.78	-152.59	-134.56	-330.45	-0.02	247.17	-50.25
32736	89.62	-3.10	13.78	-121.51	-117.85	-218.59	-2.41	162.01	-32.55
32737	90.59	-3.10	13.78	-84.21	-102.94	-132.31	-6.57	93.86	-17.76
32738	91.56	-3.10	13.78	-48.63	-88.92	-55.47	-10.56	43.07	-5.68
32739	92.54	-3.10	13.78	-19.50	-75.09	26.16	-13.52	5.77	4.74
32740	93.51	-3.10	13.78	0.41	-61.70	125.08	-15.31	-25.48	15.19
32741	78.95	-2.50	12.09	40.30	-344.74	-2058.48	-19.09	540.10	35.01
32742	79.96	-2.50	12.09	9.39	-326.77	-1853.68	-32.89	515.13	22.21
32743	80.96	-2.50	12.09	-7.22	-306.73	-1677.27	-41.62	488.42	1.42
32744	81.97	-2.50	12.09	-12.60	-284.34	-1518.43	-44.32	468.85	-23.83
32745	82.97	-2.50	12.09	-18.98	-260.61	-1367.18	-40.05	456.02	-48.73
32746	83.98	-2.50	12.09	-25.88	-233.05	-1211.78	-31.56	448.84	-70.50
32747	84.98	-2.50	12.09	-41.87	-206.56	-1047.62	-17.50	438.24	-83.50
32748	85.99	-2.50	12.09	-62.62	-182.79	-875.39	-5.06	416.95	-85.32
32749	86.99	-2.50	12.09	-85.69	-161.17	-703.90	4.97	377.46	-78.69
32750	88.00	-2.50	12.09	-96.26	-141.05	-544.22	10.48	322.02	-66.09
32751	89.00	-2.50	12.09	-97.49	-123.42	-403.50	11.58	258.56	-50.75
32752	90.01	-2.50	12.09	-85.65	-107.43	-282.39	9.26	193.24	-35.17
32753	91.01	-2.50	12.09	-65.26	-92.92	-177.40	5.07	133.39	-20.89
32754	92.02	-2.50	12.09	-41.87	-79.55	-80.65	0.19	81.26	-8.20
32755	93.02	-2.50	12.09	-19.73	-67.06	15.59	-4.78	34.62	3.31
32756	94.03	-2.50	12.09	-0.76	-55.60	115.66	-9.99	-12.23	14.26
32757	78.95	-3.10	12.09	48.93	-279.39	-2123.02	-15.94	546.42	22.04
32758	79.95	-3.10	12.09	15.12	-266.10	-1908.75	-31.61	527.47	10.47
32759	80.95	-3.10	12.09	-4.42	-252.51	-1719.51	-41.66	504.28	-9.35
32760	81.94	-3.10	12.09	-14.06	-239.19	-1547.68	-45.80	485.00	-32.87
32761	82.94	-3.10	12.09	-22.47	-224.58	-1383.02	-43.55	471.24	-57.01
32762	83.94	-3.10	12.09	-32.92	-207.94	-1215.12	-36.91	460.32	-78.93
32763	84.94	-3.10	12.09	-50.36	-190.44	-1042.31	-22.36	443.23	-92.85
32764	85.94	-3.10	12.09	-67.94	-171.03	-866.54	-8.93	416.09	-96.16
32765	86.94	-3.10	12.09	-89.01	-153.39	-695.23	1.91	373.42	-90.22
32766	87.93	-3.10	12.09	-97.10	-135.87	-537.13	8.15	316.27	-77.91
32767	88.93	-3.10	12.09	-96.57	-119.95	-398.66	9.87	252.86	-62.46
32768	89.93	-3.10	12.09	-84.12	-105.01	-279.40	7.95	188.54	-46.46
32769	90.93	-3.10	12.09	-63.89	-91.14	-175.68	4.00	129.85	-31.55

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
32770	91.93	-3.10	12.09	-41.00	-78.15	-79.87	-0.71	78.70	-18.07
32771	92.92	-3.10	12.09	-19.44	-65.84	15.47	-5.49	32.88	-5.53
32772	93.92	-3.10	12.09	-1.08	-54.71	114.39	-10.24	-13.15	7.01
32773	78.97	-2.50	10.41	228.23	-273.19	-2046.92	-2.00	449.36	-96.81
32774	80.00	-2.50	10.41	172.13	-263.64	-1856.42	-7.38	456.89	-95.23
32775	81.03	-2.50	10.41	129.15	-250.56	-1678.57	-9.95	454.94	-97.71
32776	82.06	-2.50	10.41	94.76	-235.03	-1510.60	-9.47	448.60	-101.78
32777	83.09	-2.50	10.41	66.08	-217.57	-1347.63	-6.39	440.30	-105.44
32778	84.12	-2.50	10.41	38.43	-199.69	-1185.96	-0.87	428.61	-106.43
32779	85.16	-2.50	10.41	11.87	-181.46	-1024.19	5.25	410.73	-103.61
32780	86.19	-2.50	10.41	-13.34	-163.55	-864.30	11.17	383.84	-96.64
32781	87.22	-2.50	10.41	-33.76	-146.74	-709.88	15.15	347.23	-85.81
32782	88.25	-2.50	10.41	-48.18	-131.43	-564.97	16.74	302.00	-72.47
32783	89.28	-2.50	10.41	-53.65	-117.41	-432.28	15.86	251.10	-58.01
32784	90.31	-2.50	10.41	-51.42	-104.71	-312.26	13.00	198.53	-43.66
32785	91.34	-2.50	10.41	-42.96	-93.06	-202.91	8.77	146.81	-30.17
32786	92.38	-2.50	10.41	-30.76	-82.31	-101.34	3.73	96.93	-17.85
32787	93.41	-2.50	10.41	-16.87	-72.40	-5.14	-1.76	47.76	-6.65
32788	94.44	-2.50	10.41	-1.82	-63.33	85.99	-7.81	-3.12	3.51
32789	78.96	-3.10	10.41	231.64	-247.53	-2060.77	-0.89	446.58	-109.87
32790	79.99	-3.10	10.41	174.29	-240.07	-1868.09	-7.70	457.46	-106.51
32791	81.01	-3.10	10.41	129.62	-229.75	-1686.17	-11.53	457.30	-108.14
32792	82.04	-3.10	10.41	93.96	-216.99	-1513.12	-11.99	451.41	-112.39
32793	83.06	-3.10	10.41	63.88	-202.63	-1345.22	-9.37	442.08	-116.72
32794	84.09	-3.10	10.41	35.84	-187.55	-1179.90	-3.82	428.31	-118.47
32795	85.11	-3.10	10.41	9.61	-172.04	-1016.04	2.24	408.33	-116.38
32796	86.14	-3.10	10.41	-15.06	-156.98	-855.57	8.43	379.44	-110.03
32797	87.16	-3.10	10.41	-34.16	-142.20	-701.89	12.94	341.43	-99.59
32798	88.19	-3.10	10.41	-47.52	-128.40	-558.56	15.07	295.82	-86.24
32799	89.21	-3.10	10.41	-52.27	-115.39	-427.60	14.66	245.23	-71.44
32800	90.24	-3.10	10.41	-49.76	-103.29	-309.18	12.14	193.41	-56.46
32801	91.26	-3.10	10.41	-41.44	-91.98	-201.17	8.15	142.63	-42.08
32802	92.29	-3.10	10.41	-29.63	-81.38	-100.74	3.27	93.70	-28.60
32803	93.31	-3.10	10.41	-16.28	-71.42	-5.55	-2.15	45.45	-15.95
32804	94.34	-3.10	10.41	-1.91	-62.40	84.61	-8.08	-4.49	-3.88
32805	78.98	-2.50	8.72	356.94	-225.76	-1961.09	-1.12	337.72	-153.88
32806	80.04	-2.50	8.72	289.88	-220.98	-1794.69	-0.25	368.02	-146.50
32807	81.10	-2.50	8.72	231.74	-213.14	-1629.32	1.25	384.77	-140.77
32808	82.15	-2.50	8.72	181.59	-202.94	-1466.53	3.66	391.79	-135.65
32809	83.21	-2.50	8.72	137.52	-191.23	-1306.40	6.98	391.02	-129.96
32810	84.27	-2.50	8.72	98.49	-178.59	-1148.76	10.64	382.98	-122.84
32811	85.33	-2.50	8.72	63.71	-165.79	-994.16	14.14	367.38	-113.79
32812	86.39	-2.50	8.72	33.74	-153.32	-843.94	16.73	343.92	-102.79
32813	87.45	-2.50	8.72	9.25	-141.46	-700.18	18.05	312.90	-90.25
32814	88.50	-2.50	8.72	-8.64	-130.37	-564.75	17.78	275.58	-76.77
32815	89.56	-2.50	8.72	-19.93	-120.13	-438.85	15.97	233.79	-63.10
32816	90.62	-2.50	8.72	-24.86	-110.66	-322.67	12.86	189.39	-49.86
32817	91.68	-2.50	8.72	-24.56	-101.88	-215.65	8.76	143.82	-37.50
32818	92.74	-2.50	8.72	-20.23	-93.67	-117.02	3.98	97.61	-26.28
32819	93.79	-2.50	8.72	-12.66	-85.93	-26.55	-1.29	50.55	-16.32
32820	94.85	-2.50	8.72	-1.91	-78.52	54.94	-7.06	2.16	-7.72
32821	78.98	-3.10	8.72	356.77	-211.49	-1952.63	-1.08	331.99	-173.76
32822	80.03	-3.10	8.72	289.93	-207.61	-1786.98	-0.77	363.55	-164.62
32823	81.08	-3.10	8.72	231.62	-201.17	-1621.28	0.14	381.07	-157.76
32824	82.13	-3.10	8.72	181.07	-192.78	-1457.65	2.09	388.20	-151.99
32825	83.18	-3.10	8.72	136.78	-183.00	-1296.75	5.10	386.94	-146.00
32826	84.24	-3.10	8.72	97.75	-172.30	-1138.73	8.65	378.12	-138.85
32827	85.29	-3.10	8.72	63.27	-161.21	-984.38	12.31	361.62	-129.83
32828	86.34	-3.10	8.72	33.90	-150.07	-835.08	15.18	337.49	-118.76
32829	87.39	-3.10	8.72	10.00	-139.29	-692.69	16.82	306.19	-105.97
32830	88.44	-3.10	8.72	-7.34	-128.93	-558.86	16.88	268.97	-92.05
32831	89.50	-3.10	8.72	-18.30	-119.16	-434.59	15.37	227.67	-77.70
32832	90.55	-3.10	8.72	-23.16	-109.93	-319.90	12.47	184.00	-63.57
32833	91.60	-3.10	8.72	-23.04	-101.22	-214.18	8.50	139.28	-50.10
32834	92.65	-3.10	8.72	-19.05	-92.96	-116.66	3.74	93.97	-37.55
32835	93.70	-3.10	8.72	-11.96	-85.01	-27.10	-1.63	47.82	-26.07
32836	94.76	-3.10	8.72	-1.87	-77.51	53.66	-7.55	0.29	-15.65
32837	78.99	-2.50	7.03	430.84	-195.52	-1829.95	-6.35	227.53	-172.88
32838	80.08	-2.50	7.03	361.59	-193.01	-1688.51	-1.90	270.00	-164.25
32839	81.16	-2.50	7.03	298.06	-188.38	-1541.28	2.11	299.10	-155.76
32840	82.25	-2.50	7.03	240.73	-182.13	-1391.84	5.86	316.82	-147.05
32841	83.33	-2.50	7.03	189.52	-174.74	-1242.44	9.34	324.65	-137.75
32842	84.42	-2.50	7.03	144.09	-166.69	-1094.68	12.38	323.53	-127.56
32843	85.50	-2.50	7.03	104.39	-158.38	-950.01	14.71	314.06	-116.39
32844	86.59	-2.50	7.03	70.48	-150.14	-809.95	16.09	296.85	-104.33
32845	87.67	-2.50	7.03	42.65	-142.19	-675.94	16.33	272.74	-91.68
32846	88.76	-2.50	7.03	20.97	-134.67	-549.22	15.39	242.82	-78.85
32847	89.84	-2.50	7.03	5.35	-127.59	-430.59	13.35	208.41	-66.27
32848	90.93	-2.50	7.03	-4.72	-120.93	-320.42	10.38	170.78	-54.33
32849	92.01	-2.50	7.03	-9.89	-114.60	-218.79	6.68	130.90	-43.34
32850	93.10	-2.50	7.03	-10.84	-108.48	-125.82	2.46	89.48	-33.54
32851	94.18	-2.50	7.03	-8.04	-102.47	-42.03	-2.12	47.05	-25.11
32852	95.27	-2.50	7.03	-1.36	-96.34	31.65	-7.02	4.08	-18.18
32853	78.99	-3.10	7.03	427.90	-189.95	-1813.02	-8.13	221.70	-196.76
32854	80.07	-3.10	7.03	359.52	-187.75	-1673.17	-3.51	264.19	-186.43
32855	81.15	-3.10	7.03	296.56	-183.70	-1527.10	0.57	293.27	-176.62
32856	82.23	-3.10	7.03	239.65	-178.18	-1378.61	4.36	310.80	-166.92
32857	83.30	-3.10	7.03	188.81	-171.59	-1230.12	7.92	318.32	-156.87
32858	84.38	-3.10	7.03	143.79	-164.32	-1083.42	11.10	316.82	-146.08
32859	85.46	-3.10	7.03	104.56	-156.72	-940.03	13.61	307.05	-134.36
32860	86.54	-3.10	7.03	71.13	-149.07	-801.45	15.23	289.70	-121.75
32861	87.62	-3.10	7.03	43.75	-141.54	-669.05	15.71	265.68	-108.46
32862	88.70	-3.10	7.03	22.40	-134.28	-543.96	15.00	236.10	-94.88
32863	89.78	-3.10	7.03	6.96	-127.31	-426.86	13.13	202.24	-81.42
32864	90.86	-3.10	7.03	-3.11	-120.63	-318.07	10.25	165.29	-68.45
32865	91.94	-3.10	7.03	-8.44	-114.18	-217.63	6.55	126.19	-56.30
32866	93.01	-3.10	7.03	-9.70	-107.87	-125.64	2.22	85.59	-45.20
32867	94.09	-3.10	7.03	-7.33	-101.58	-42.58	-2.58	43.98	-35.38
32868	95.17	-3.10	7.03	-1.24	-95.32	30.54	-7.78	1.71	-26.89

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
32869	79.01	-2.50	5.34	460.95	-178.20	-1680.48	-12.83	127.29	-171.72
32870	80.12	-2.50	5.34	393.63	-176.38	-1560.26	-6.71	175.50	-163.72
32871	81.23	-2.50	5.34	330.24	-173.32	-1431.33	-1.45	212.11	-155.09
32872	82.34	-2.50	5.34	271.80	-169.30	-1297.53	3.01	237.74	-145.82
32873	83.45	-2.50	5.34	218.81	-164.63	-1161.81	6.70	253.23	-135.89
32874	84.56	-2.50	5.34	171.53	-159.59	-1026.46	9.55	259.35	-125.28
32875	85.68	-2.50	5.34	130.07	-154.44	-893.38	11.48	256.87	-114.09
32876	86.79	-2.50	5.34	94.54	-149.36	-764.19	12.41	246.61	-102.48
32877	87.90	-2.50	5.34	64.97	-144.48	-640.22	12.34	229.48	-90.71
32878	89.01	-2.50	5.34	41.26	-139.84	-522.55	11.30	206.49	-79.07
32879	90.12	-2.50	5.34	23.13	-135.45	-411.91	9.39	178.72	-67.87
32880	91.23	-2.50	5.34	10.13	-131.22	-308.80	6.78	147.22	-57.39
32881	92.35	-2.50	5.34	1.77	-127.05	-213.61	3.63	112.96	-47.88
32882	93.46	-2.50	5.34	-2.44	-122.77	-126.71	0.13	76.83	-39.55
32883	94.57	-2.50	5.34	-2.80	-118.23	-48.55	-3.56	39.68	-32.57
32884	95.68	-2.50	5.34	0.30	-113.35	19.50	-7.41	3.19	-27.10
32885	97.00	-3.10	5.34	456.58	-176.96	-1661.55	-16.22	122.36	-196.56
32886	80.11	-3.10	5.34	390.35	-175.18	-1543.00	-9.42	169.95	-187.11
32887	81.21	-3.10	5.34	327.86	-172.31	-1415.66	-3.65	206.06	-177.21
32888	82.32	-3.10	5.34	270.18	-168.56	-1283.39	1.22	231.29	-166.86
32889	83.43	-3.10	5.34	217.86	-164.20	-1149.20	5.25	246.43	-155.99
32890	84.53	-3.10	5.34	171.17	-159.46	-1015.42	8.42	252.30	-144.55
32891	85.64	-3.10	5.34	130.26	-154.55	-883.97	10.64	249.70	-132.58
32892	86.74	-3.10	5.34	95.22	-149.62	-756.42	11.84	239.47	-120.19
32893	87.85	-3.10	5.34	66.04	-144.80	-634.08	12.00	222.55	-107.62
32894	88.95	-3.10	5.34	42.60	-140.14	-517.95	11.13	199.93	-95.12
32895	90.06	-3.10	5.34	24.60	-135.62	-408.72	9.33	172.68	-83.00
32896	91.17	-3.10	5.34	11.60	-131.21	-306.86	6.73	141.79	-71.53
32897	92.27	-3.10	5.34	3.09	-126.79	-212.69	3.50	108.21	-60.95
32898	93.38	-3.10	5.34	-1.38	-122.24	-126.60	-0.20	72.79	-51.49
32899	94.48	-3.10	5.34	-2.11	-117.38	-49.03	-4.22	36.34	-43.36
32900	95.59	-3.10	5.34	0.49	-112.37	18.60	-8.42	0.37	-36.66
32901	64.44	-3.97	17.16	2.55	-192.99	41.10	80.23	50.51	40.59
32902	65.34	-3.97	17.16	25.47	-205.13	-23.68	112.83	45.70	32.45
32903	66.25	-3.97	17.16	17.17	-222.05	-51.54	137.40	11.22	19.36
32904	67.15	-3.97	17.16	-44.70	-250.78	-77.58	151.70	-49.42	2.25
32905	68.06	-3.97	17.16	-197.62	-299.03	-127.17	149.50	-153.43	-21.78
32906	68.96	-3.97	17.16	-511.30	-380.67	-244.59	118.40	-352.60	-61.43
32907	69.86	-3.97	17.16	-1125.80	-529.16	-552.57	35.00	-786.65	-138.36
32908	70.77	-3.96	17.16	-2328.82	-817.23	-1421.26	-148.62	-1856.93	-300.00
32909	71.67	-3.96	17.16	-4871.15	-1883.56	-6768.11	-453.86	-5177.87	-811.33
32910	72.58	-3.96	17.16	-1279.70	-1676.73	-10594.60	81.96	-436.83	-291.19
32911	73.48	-3.96	17.16	-1176.92	-1132.92	-8142.91	78.39	458.49	-157.12
32912	74.38	-3.96	17.16	-1209.32	-820.88	-7126.30	48.37	650.97	-77.15
32913	75.29	-3.96	17.16	-1102.06	-695.89	-6401.72	27.26	698.35	-9.44
32914	76.19	-3.95	17.16	-961.19	-627.03	-5792.93	-38.08	762.73	27.15
32915	77.09	-3.95	17.16	-884.12	-529.83	-5324.71	-95.15	820.08	13.77
32916	78.00	-3.95	17.16	-829.20	-434.24	-4921.52	-87.43	825.76	-24.57
32917	64.79	-5.11	17.16	-12.82	-189.15	43.25	97.00	48.49	43.36
32918	65.67	-5.11	17.16	2.87	-195.01	-23.75	131.67	43.67	35.95
32919	66.55	-5.10	17.16	-11.40	-205.87	-53.89	157.21	9.59	20.27
32920	67.44	-5.10	17.16	-76.82	-229.43	-81.55	170.39	-50.80	-2.17
32921	68.32	-5.09	17.16	-228.33	-274.00	-131.88	163.15	-154.06	-35.98
32922	69.20	-5.09	17.16	-530.16	-355.02	-247.73	119.06	-349.22	-95.91
32923	70.08	-5.09	17.16	-1111.02	-505.45	-545.37	4.06	-767.59	-222.75
32924	70.96	-5.08	17.16	-2253.03	-821.68	-1372.25	-245.96	-1795.99	-535.09
32925	71.84	-5.08	17.16	-4799.23	-1893.52	-6797.91	-753.29	-5315.73	-1251.16
32926	72.72	-5.07	17.16	-1297.83	-1628.15	-10829.60	69.84	-540.73	-543.14
32927	73.60	-5.07	17.16	-1122.25	-1289.15	-6994.43	58.32	1265.34	-1003.21
32928	74.48	-5.07	17.16	-816.91	-985.46	-4339.07	56.76	347.75	-1664.78
32929	75.37	-5.06	17.16	-858.65	-891.72	-4760.09	37.87	-207.24	-959.02
32930	76.25	-5.06	17.16	-726.08	-786.97	-5199.86	20.34	673.74	-279.37
32931	77.13	-5.06	17.16	-993.38	-804.74	-4019.19	90.97	1347.93	-673.61
32932	78.01	-5.05	17.16	-622.80	-743.11	-2800.01	142.24	739.31	-1215.12
32933	65.23	-6.21	17.16	-31.83	-182.54	45.55	112.77	46.74	46.03
32934	66.08	-6.21	17.16	-23.75	-180.85	-23.52	148.24	41.12	39.24
32935	66.94	-6.20	17.16	-44.11	-185.03	-56.53	173.25	7.85	21.23
32936	67.79	-6.20	17.16	-111.61	-201.97	-85.86	183.86	-50.97	-6.76
32937	68.64	-6.20	17.16	-255.59	-240.90	-135.55	170.26	-149.66	-51.09
32938	69.49	-6.19	17.16	-525.82	-318.52	-243.98	111.54	-328.39	-132.21
32939	70.35	-6.19	17.16	-1010.36	-474.57	-503.23	-37.70	-684.25	-309.83
32940	71.20	-6.18	17.16	-1856.36	-803.63	-1221.77	-395.04	-1466.11	-777.42
32941	72.05	-6.18	17.16	-3310.93	-2037.12	-4305.50	-1180.98	-3303.78	-2794.53
32942	72.91	-6.18	17.16	-2657.27	-2313.48	-8382.71	-673.15	-2234.95	-2491.32
32943	73.76	-6.17	17.16	-1054.56	-1225.69	-7497.60	217.73	1070.34	459.34
32944	74.61	-6.17	17.16	-663.17	-624.26	-3587.23	-13.17	986.93	724.44
32945	75.46	-6.16	17.16	-707.97	-703.83	-3706.93	-114.76	-999.47	-265.23
32946	76.32	-6.16	17.16	-614.19	-907.09	-5298.63	-0.07	625.89	-272.89
32947	77.17	-6.16	17.16	-1151.66	-662.25	-3308.91	102.01	1988.75	-168.71
32948	78.02	-6.15	17.16	-375.92	-242.61	-1042.94	0.97	724.50	-213.16
32949	65.75	-7.28	17.16	-53.55	-171.22	48.99	127.73	43.77	47.70
32950	66.57	-7.28	17.16	-53.72	-163.30	-22.75	161.87	37.89	42.63
32951	67.39	-7.27	17.16	-79.58	-160.11	-58.89	184.73	6.25	22.62
32952	68.21	-7.27	17.16	-146.22	-169.37	-89.65	192.08	-48.97	-10.26
32953	69.03	-7.27	17.16	-274.83	-200.72	-136.82	173.99	-137.68	-62.64
32954	69.85	-7.27	17.16	-495.46	-271.30	-230.70	112.60	-285.32	-154.45
32955	70.67	-7.27	17.16	-844.39	-413.78	-433.68	-22.03	-540.75	-331.18
32956	71.49	-7.27	17.16	-1339.42	-720.68	-910.84	-244.75	-958.70	-687.00
32957	72.31	-7.26	17.16	-1890.48	-928.61	-1559.57	-351.74	-1407.07	-732.96
32958	73.12	-7.26	17.16	-3869.34	-1817.78	-5754.67	-776.93	-4167.36	-1231.34
32959	73.94	-7.26	17.16	-1069.36	-1396.82	-9148.86	176.90	-175.01	-498.81
32960	74.76	-7.26	17.16	-917.89	-832.23	-5556.85	83.57	1677.64	76.44
32961	75.58	-7.26	17.16	-735.73	-688.40	-4001.62	-73.43	-792.90	-217.60
32962	76.40	-7.25	17.16	-622.92	-899.66	-5348.20	-2.99	630.18	-234.86
32963	77.22	-7.25	17.16	-1167.13	-645.19	-3412.37	77.33	2094.73	-106.06
32964	78.04	-7.25	17.16	-422.27	-156.28	-1071.84	-2.34	798.93	-85.39
32965	64.02	-3.97	15.47	-31.89	-29.03	73.03	24.31	-2.17	62.18
32966	64.95	-3.97	15.47	-121.64	-68.40	-78.92	21.32	-68.78	28.90
32967	65.88	-3.97	15.47	-248.37	-105.59	-181.01	7.12	-167.01	-6.91

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
32968	66.81	-3.97	15.47	-417.01	-145.28	-289.97	-18.00	-323.73	-52.51
32969	67.74	-3.97	15.47	-637.26	-193.25	-465.26	-55.05	-570.93	-115.64
32970	68.67	-3.97	15.47	-908.33	-257.66	-802.39	-102.74	-957.83	-207.48
32971	69.61	-3.96	15.47	-1175.27	-351.16	-1497.43	-147.72	-1543.29	-340.72
32972	70.54	-3.96	15.47	-1196.90	-503.27	-3030.61	-138.21	-2285.60	-510.34
32973	71.47	-3.96	15.47	141.59	-465.51	-4686.52	77.22	-1870.79	-506.62
32974	72.40	-3.96	15.47	128.89	-592.70	-5811.35	157.34	-1049.37	-391.24
32975	73.33	-3.96	15.47	-152.68	-512.46	-5922.47	198.63	241.65	-141.85
32976	74.26	-3.96	15.47	-392.65	-268.76	-5031.83	164.81	631.84	77.39
32977	75.19	-3.96	15.47	-461.02	-157.75	-4387.14	105.99	673.95	271.03
32978	76.12	-3.95	15.47	-436.11	-113.55	-3938.71	-0.40	705.88	385.94
32979	77.05	-3.95	15.47	-421.41	-37.74	-3506.21	-95.48	741.65	363.91
32980	77.98	-3.95	15.47	-411.53	40.14	-3090.85	-113.49	711.91	279.20
32981	64.36	-5.11	15.47	-36.78	-24.64	74.31	25.52	-9.23	63.17
32982	65.27	-5.10	15.47	-126.64	-61.21	-81.09	19.24	-75.25	23.89
32983	66.18	-5.10	15.47	-250.47	-97.53	-187.95	-1.78	-171.78	-20.04
32984	67.09	-5.10	15.47	-412.28	-137.51	-300.25	-37.68	-324.00	-78.17
32985	68.00	-5.09	15.47	-619.53	-186.44	-474.98	-90.71	-561.17	-161.57
32986	68.91	-5.09	15.47	-869.54	-251.24	-801.99	-161.96	-926.82	-287.72
32987	69.81	-5.08	15.47	-1112.56	-339.86	-1460.60	-239.88	-1471.42	-482.07
32988	70.72	-5.08	15.47	-1140.11	-460.11	-2892.24	-260.97	-2163.32	-750.86
32989	71.63	-5.08	15.47	148.73	-317.30	-4353.74	-0.66	-1738.03	-858.10
32990	72.54	-5.07	15.47	140.96	-458.82	-5376.73	125.07	-1098.52	-803.84
32991	73.45	-5.07	15.47	-167.54	-671.11	-5779.90	103.07	18.35	-469.67
32992	74.36	-5.07	15.47	-544.29	-623.38	-5166.08	105.81	534.35	-289.42
32993	75.27	-5.06	15.47	-428.25	-442.34	-4477.07	166.08	576.11	-270.31
32994	76.18	-5.06	15.47	-300.07	-360.17	-4058.85	46.94	667.00	-211.28
32995	77.09	-5.06	15.47	-354.31	-279.36	-3631.68	-113.63	834.17	-196.04
32996	78.00	-5.05	15.47	-547.76	-206.46	-3091.98	-96.63	859.42	-264.01
32997	64.79	-6.21	15.47	-41.87	-19.49	74.62	25.47	-17.09	63.14
32998	65.67	-6.21	15.47	-130.58	-53.70	-84.09	15.42	-82.61	17.90
32999	66.55	-6.20	15.47	-248.62	-90.54	-196.27	-12.51	-176.08	-33.78
33000	67.43	-6.20	15.47	-398.18	-133.47	-311.52	-58.41	-319.99	-103.95
33001	68.31	-6.19	15.47	-582.27	-188.81	-482.09	-125.20	-538.17	-206.31
33002	69.19	-6.19	15.47	-792.48	-265.85	-785.64	-215.24	-861.79	-362.84
33003	70.08	-6.19	15.47	-979.61	-376.82	-1367.13	-320.02	-1317.55	-607.02
33004	70.96	-6.18	15.47	-979.15	-531.01	-2488.34	-381.47	-1835.97	-975.56
33005	71.84	-6.18	15.47	-297.55	-465.30	-3889.48	-71.87	-1782.42	-1051.25
33006	72.72	-6.18	15.47	239.19	-400.15	-4855.80	406.71	-1066.66	-904.31
33007	73.60	-6.17	15.47	-33.62	-697.10	-5204.21	293.08	-253.78	-736.05
33008	74.48	-6.17	15.47	-527.19	-846.10	-4987.64	100.39	331.08	-443.92
33009	75.36	-6.16	15.47	-411.35	-673.54	-4336.05	70.46	570.99	-272.44
33010	76.25	-6.16	15.47	-127.63	-487.32	-3782.66	33.48	634.67	-262.90
33011	77.13	-6.16	15.47	-247.43	-497.27	-3358.73	-44.15	891.87	-311.77
33012	78.01	-6.15	15.47	-668.21	-537.06	-2729.31	-18.95	954.00	-382.99
33013	65.29	-7.28	15.47	-46.54	-13.74	74.15	24.53	-26.76	61.93
33014	66.14	-7.27	15.47	-132.33	-47.08	-87.82	10.31	-90.66	12.11
33015	66.99	-7.27	15.47	-241.54	-85.26	-205.24	-23.10	-178.99	-46.40
33016	67.84	-7.27	15.47	-374.09	-132.89	-322.30	-75.09	-310.28	-125.95
33017	68.69	-7.27	15.47	-528.73	-196.88	-484.02	-146.61	-500.98	-240.10
33018	69.54	-7.27	15.47	-693.90	-287.18	-750.97	-234.72	-768.09	-407.77
33019	70.39	-7.27	15.47	-831.93	-415.21	-1217.76	-318.28	-1115.79	-650.21
33020	71.24	-7.26	15.47	-866.22	-565.25	-1993.66	-323.76	-1491.58	-940.86
33021	72.08	-7.26	15.47	-796.37	-784.23	-3341.14	-193.48	-1838.12	-1246.79
33022	72.93	-7.26	15.47	233.31	-545.12	-4366.54	275.88	-1135.38	-1063.09
33023	73.78	-7.26	15.47	122.32	-445.28	-4722.31	266.86	-584.01	-638.58
33024	74.63	-7.26	15.47	-280.93	-574.57	-4936.21	173.91	33.17	-319.03
33025	75.48	-7.26	15.47	-366.64	-610.81	-4502.65	61.24	581.44	-187.25
33026	76.33	-7.25	15.47	-95.42	-473.34	-3782.32	50.60	675.05	-205.49
33027	77.18	-7.25	15.47	-221.29	-466.76	-3236.00	27.76	916.23	-205.08
33028	78.03	-7.25	15.47	-670.56	-493.72	-2541.32	17.60	953.24	-192.91
33029	63.60	-3.97	13.78	-42.98	68.62	-52.97	-11.25	-95.12	46.64
33030	64.56	-3.97	13.78	-128.98	26.69	-201.04	-29.06	-214.59	-7.06
33031	65.51	-3.97	13.78	-227.83	-14.23	-354.20	-52.07	-341.08	-57.48
33032	66.47	-3.97	13.78	-332.10	-55.19	-542.58	-79.18	-505.39	-113.37
33033	67.43	-3.97	13.78	-424.52	-98.24	-813.91	-106.64	-724.16	-180.97
33034	68.39	-3.97	13.78	-466.20	-145.18	-1232.45	-125.83	-991.89	-262.77
33035	69.35	-3.96	13.78	-383.73	-194.96	-1867.01	-120.41	-1247.94	-351.56
33036	70.30	-3.96	13.78	-80.15	-221.31	-2613.97	-69.57	-1288.67	-413.87
33037	71.26	-3.96	13.78	56.65	-273.23	-3374.18	-10.74	-1165.60	-442.06
33038	72.22	-3.96	13.78	365.95	-278.80	-3972.12	96.42	-795.46	-392.21
33039	73.18	-3.96	13.78	437.28	-322.25	-4253.81	167.56	-270.56	-260.78
33040	74.14	-3.96	13.78	265.69	-351.47	-4147.69	176.72	248.76	-99.59
33041	75.10	-3.96	13.78	88.96	-308.02	-3757.01	134.57	521.41	26.44
33042	76.05	-3.95	13.78	-26.13	-257.04	-3344.82	77.07	630.51	105.38
33043	77.01	-3.95	13.78	-98.98	-227.44	-2973.98	20.78	667.30	145.32
33044	77.97	-3.95	13.78	-148.12	-208.04	-2641.63	-21.66	661.91	150.80
33045	63.93	-5.10	13.78	-41.26	71.76	-60.96	-19.54	-102.82	43.05
33046	64.87	-5.10	13.78	-122.81	30.79	-211.33	-41.36	-219.70	-23.05
33047	65.80	-5.10	13.78	-215.32	-10.26	-367.46	-69.96	-342.93	-85.52
33048	66.74	-5.09	13.78	-311.36	-52.03	-556.31	-104.20	-500.05	-155.22
33049	67.68	-5.09	13.78	-394.58	-95.77	-821.47	-139.72	-705.27	-240.43
33050	68.61	-5.09	13.78	-429.84	-141.92	-1220.54	-166.36	-951.84	-345.08
33051	69.55	-5.08	13.78	-353.45	-187.34	-1812.31	-164.04	-1183.79	-460.84
33052	70.49	-5.08	13.78	-80.50	-206.75	-2493.85	-106.62	-1218.43	-546.21
33053	71.42	-5.08	13.78	6.78	-272.36	-3201.79	-40.80	-1136.38	-589.06
33054	72.36	-5.07	13.78	284.56	-265.77	-3795.81	69.65	-837.05	-560.78
33055	73.30	-5.07	13.78	401.37	-229.69	-4128.98	175.16	-393.19	-456.52
33056	74.23	-5.07	13.78	322.23	-239.90	-4142.99	171.63	99.70	-285.08
33057	75.17	-5.06	13.78	132.13	-239.82	-3861.11	105.64	435.37	-157.02
33058	76.11	-5.06	13.78	6.41	-199.20	-3472.46	72.44	583.89	-100.63
33059	77.04	-5.06	13.78	-69.15	-172.98	-3108.26	48.07	642.55	-65.00
33060	77.98	-5.05	13.78	-119.87	-160.24	-2782.96	8.12	658.41	-41.53
33061	64.34	-6.21	13.78	-37.92	74.47	-73.13	-28.80	-111.69	38.43
33062	65.25	-6.20	13.78	-113.81	34.07	-225.17	-54.29	-225.31	-39.15
33063	66.16	-6.20	13.78	-197.86	-7.91	-383.70	-87.72	-343.81	-112.84
33064	67.07	-6.20	13.78	-282.81	-51.90	-571.38	-127.69	-490.64	-195.25
33065	67.98	-6.19	13.78	-353.66	-98.86	-825.65	-169.18	-676.71	-295.82
33066	68.89	-6.19	13.78	-381.03	-148.21	-1194.25	-200.71	-893.81	-419.09

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
33067	69.80	-6.18	13.78	-317.42	-194.07	-1718.91	-199.36	-1094.16	-556.27
33068	70.71	-6.18	13.78	-119.92	-213.16	-2349.82	-128.15	-1160.21	-650.45
33069	71.62	-6.18	13.78	51.47	-248.79	-2981.48	-51.02	-1063.86	-702.15
33070	72.53	-6.17	13.78	190.83	-285.92	-3537.83	-19.77	-842.00	-708.51
33071	73.44	-6.17	13.78	326.01	-237.43	-3915.12	119.79	-478.17	-634.13
33072	74.35	-6.17	13.78	357.07	-215.92	-4013.59	186.67	-38.08	-492.27
33073	75.26	-6.16	13.78	194.57	-242.36	-3835.93	139.06	340.06	-355.68
33074	76.17	-6.16	13.78	24.22	-245.60	-3479.59	86.91	544.55	-278.32
33075	77.08	-6.16	13.78	-50.83	-211.29	-3108.08	58.80	606.37	-236.59
33076	77.99	-6.15	13.78	-89.51	-186.43	-2797.88	29.29	633.59	-207.11
33077	64.84	-7.28	13.78	-32.97	76.52	-90.05	-38.67	-122.09	32.26
33078	65.72	-7.27	13.78	-101.42	35.66	-242.66	-67.18	-230.89	-54.68
33079	66.59	-7.27	13.78	-175.11	-7.59	-402.02	-103.81	-342.68	-138.26
33080	67.47	-7.27	13.78	-247.10	-54.47	-585.88	-146.68	-476.26	-230.82
33081	68.35	-7.27	13.78	-304.70	-105.35	-824.32	-190.01	-639.03	-341.47
33082	69.23	-7.27	13.78	-326.13	-158.60	-1153.62	-221.88	-822.79	-473.72
33083	70.11	-7.27	13.78	-282.29	-206.86	-1604.23	-222.38	-994.48	-616.90
33084	70.98	-7.26	13.78	-152.93	-239.26	-2182.35	-175.14	-1092.33	-743.39
33085	71.86	-7.26	13.78	104.44	-201.71	-2736.75	-68.49	-981.50	-788.84
33086	72.74	-7.26	13.78	122.93	-242.00	-3228.39	-12.02	-815.37	-808.85
33087	73.62	-7.26	13.78	253.26	-258.81	-3614.75	108.38	-533.75	-774.72
33088	74.50	-7.26	13.78	349.77	-223.85	-3777.05	163.22	-165.71	-646.78
33089	75.38	-7.26	13.78	265.72	-210.64	-3705.39	159.94	208.49	-495.76
33090	76.25	-7.25	13.78	73.02	-233.16	-3428.08	113.39	474.34	-383.09
33091	77.13	-7.25	13.78	-21.77	-227.38	-3071.99	84.29	561.00	-325.54
33092	78.01	-7.25	13.78	-68.09	-221.92	-2771.71	59.64	599.72	-289.21
33093	63.18	-3.97	12.09	-42.46	106.38	-264.01	-34.24	-152.56	12.57
33094	64.16	-3.97	12.09	-93.15	68.40	-346.53	-60.10	-269.49	-45.17
33095	65.15	-3.97	12.09	-125.98	31.57	-490.88	-83.08	-382.67	-98.21
33096	66.13	-3.97	12.09	-144.58	-5.11	-696.71	-103.83	-509.80	-151.52
33097	67.12	-3.97	12.09	-135.86	-41.25	-974.65	-119.25	-652.26	-207.94
33098	68.10	-3.96	12.09	-81.99	-76.57	-1336.62	-124.26	-791.38	-266.69
33099	69.09	-3.96	12.09	29.44	-108.94	-1768.92	-113.31	-883.35	-320.97
33100	70.07	-3.96	12.09	157.59	-144.15	-2248.81	-86.97	-905.70	-363.15
33101	71.06	-3.96	12.09	344.24	-170.23	-2712.31	-39.07	-807.22	-377.66
33102	72.04	-3.96	12.09	455.96	-199.93	-3083.04	8.29	-594.05	-359.92
33103	73.03	-3.96	12.09	520.69	-214.03	-3297.70	52.53	-315.84	-312.77
33104	74.02	-3.96	12.09	510.98	-226.01	-3339.08	78.39	-17.46	-241.08
33105	75.00	-3.95	12.09	415.89	-240.43	-3216.56	79.56	245.07	-163.23
33106	75.99	-3.95	12.09	297.55	-242.05	-2981.59	62.38	415.52	-99.47
33107	76.97	-3.95	12.09	194.99	-235.28	-2712.99	38.34	504.63	-56.49
33108	77.96	-3.95	12.09	117.25	-227.32	-2450.37	13.46	542.76	-32.36
33109	63.50	-5.10	12.09	-36.79	109.47	-281.75	-47.65	-157.83	3.87
33110	64.46	-5.10	12.09	-82.00	70.56	-367.83	-77.93	-271.21	-67.66
33111	65.43	-5.09	12.09	-110.16	32.83	-512.28	-104.87	-381.05	-133.45
33112	66.39	-5.09	12.09	-124.70	-4.58	-713.75	-129.24	-502.10	-199.20
33113	67.36	-5.09	12.09	-114.05	-40.78	-980.65	-147.43	-634.64	-268.29
33114	68.32	-5.08	12.09	-63.22	-74.74	-1322.36	-153.50	-761.74	-339.85
33115	69.29	-5.08	12.09	37.00	-103.82	-1725.69	-141.27	-845.77	-406.22
33116	70.25	-5.08	12.09	148.06	-134.02	-2174.61	-112.23	-871.63	-459.65
33117	71.22	-5.07	12.09	320.70	-146.66	-2614.28	-61.01	-789.21	-484.86
33118	72.18	-5.07	12.09	424.83	-164.42	-2977.29	-7.14	-602.05	-473.83
33119	73.14	-5.07	12.09	487.09	-179.24	-3205.77	38.60	-352.11	-431.31
33120	74.11	-5.06	12.09	486.18	-179.22	-3281.38	77.56	-80.81	-366.31
33121	75.07	-5.06	12.09	422.41	-178.54	-3209.55	89.38	171.20	-285.01
33122	76.04	-5.06	12.09	316.89	-179.96	-3022.44	71.75	358.70	-212.57
33123	77.00	-5.05	12.09	216.02	-174.20	-2778.34	47.66	468.99	-164.76
33124	77.97	-5.05	12.09	136.05	-166.84	-2524.39	27.19	524.98	-135.63
33125	63.90	-6.20	12.09	-28.85	110.87	-306.19	-61.40	-164.09	-5.37
33126	64.84	-6.20	12.09	-67.92	70.96	-395.75	-95.08	-273.17	-88.85
33127	65.78	-6.20	12.09	-90.66	32.23	-539.38	-125.00	-378.56	-166.05
33128	66.72	-6.19	12.09	-100.45	-6.21	-734.52	-152.00	-491.92	-243.06
33129	67.65	-6.19	12.09	-87.79	-43.10	-986.87	-172.11	-612.42	-323.26
33130	68.59	-6.19	12.09	-41.05	-76.76	-1303.03	-179.00	-725.58	-405.62
33131	69.53	-6.18	12.09	45.55	-104.51	-1674.45	-166.32	-802.45	-481.63
33132	70.47	-6.18	12.09	152.60	-129.17	-2080.09	-138.88	-821.34	-546.69
33133	71.41	-6.18	12.09	281.05	-141.91	-2485.09	-91.23	-760.73	-587.85
33134	72.35	-6.17	12.09	396.84	-141.36	-2832.23	-17.69	-604.18	-587.12
33135	73.29	-6.17	12.09	458.47	-148.69	-3067.69	26.34	-381.53	-548.89
33136	74.23	-6.17	12.09	459.05	-146.28	-3169.42	61.03	-135.89	-491.13
33137	75.16	-6.16	12.09	419.67	-136.77	-3140.43	83.57	97.20	-418.93
33138	76.10	-6.16	12.09	336.73	-133.49	-3002.27	79.74	292.12	-345.32
33139	77.04	-6.16	12.09	236.86	-134.49	-2789.81	62.34	423.57	-288.53
33140	77.98	-6.15	12.09	154.86	-131.64	-2548.46	44.44	494.94	-249.77
33141	64.38	-7.27	12.09	-19.20	110.25	-338.01	-75.29	-171.58	-15.94
33142	65.29	-7.27	12.09	-50.95	69.02	-430.22	-110.94	-274.84	-108.34
33143	66.20	-7.27	12.09	-67.67	29.22	-571.25	-142.59	-374.35	-195.06
33144	67.10	-7.27	12.09	-72.49	-10.27	-757.38	-170.82	-478.44	-281.21
33145	68.01	-7.27	12.09	-58.08	-47.91	-991.70	-191.57	-585.39	-369.75
33146	68.92	-7.27	12.09	-16.09	-81.73	-1278.64	-198.92	-683.68	-459.77
33147	69.83	-7.26	12.09	58.16	-109.06	-1613.88	-187.63	-751.60	-545.04
33148	70.73	-7.26	12.09	160.57	-126.06	-1970.53	-155.86	-761.48	-614.30
33149	71.64	-7.26	12.09	245.44	-148.67	-2331.92	-115.00	-719.02	-665.97
33150	72.55	-7.26	12.09	367.25	-144.21	-2655.94	-50.21	-594.79	-680.28
33151	73.46	-7.26	12.09	427.66	-132.02	-2890.96	0.57	-399.39	-656.94
33152	74.37	-7.26	12.09	432.76	-124.92	-3008.26	48.16	-180.41	-612.41
33153	75.27	-7.26	12.09	405.88	-117.04	-3012.37	75.72	30.63	-549.01
33154	76.18	-7.25	12.09	348.01	-107.70	-2918.30	84.46	218.56	-478.70
33155	77.09	-7.25	12.09	257.40	-105.64	-2746.32	74.48	363.48	-414.63
33156	78.00	-7.25	12.09	177.36	-101.27	-2528.27	60.34	450.06	-366.31
33157	62.75	-3.97	10.41	-38.00	116.37	-440.37	-54.80	-167.46	-38.40
33158	63.77	-3.97	10.41	-29.59	82.42	-449.69	-83.94	-231.23	-85.52
33159	64.78	-3.97	10.41	-5.29	47.02	-561.27	-107.21	-304.86	-129.43
33160	65.79	-3.97	10.41	44.70	14.13	-751.65	-122.59	-389.54	-171.72
33161	66.80	-3.96	10.41	108.74	-17.92	-1005.45	-131.06	-485.30	-214.93
33162	67.82	-3.96	10.41	186.91	-48.47	-1305.35	-131.80	-574.24	-257.86
33163	68.83	-3.96	10.41	278.00	-77.62	-1636.94	-123.47	-635.49	-297.35
33164	69.84	-3.96	10.41	385.91	-103.49	-1976.36	-104.45	-643.53	-327.86
33165	70.85	-3.96	10.41	482.29	-128.30	-2293.23	-78.25	-587.81	-345.03



Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
33166	71.87	-3.96	10.41	566.38	-149.22	-2552.41	-46.18	-468.49	-344.93
33167	72.88	-3.96	10.41	607.31	-169.62	-2723.83	-15.96	-297.89	-326.81
33168	73.89	-3.96	10.41	601.66	-185.61	-2789.89	8.06	-108.24	-295.37
33169	74.91	-3.95	10.41	556.75	-196.82	-2756.63	22.29	72.77	-256.24
33170	75.92	-3.95	10.41	480.63	-205.47	-2642.58	25.73	224.58	-216.54
33171	76.93	-3.95	10.41	393.02	-209.81	-2474.27	21.00	333.56	-183.09
33172	77.94	-3.95	10.41	309.69	-209.91	-2280.96	12.45	401.73	-159.04
33173	63.07	-5.10	10.41	-29.15	122.47	-467.87	-72.61	-170.39	-53.18
33174	64.06	-5.09	10.41	-17.33	85.12	-484.39	-106.07	-233.10	-112.99
33175	65.05	-5.09	10.41	7.80	46.86	-594.37	-133.06	-305.66	-168.57
33176	66.04	-5.09	10.41	56.05	12.01	-776.13	-150.84	-386.74	-221.21
33177	67.04	-5.09	10.41	117.10	-20.64	-1015.71	-160.36	-475.82	-273.71
33178	68.03	-5.08	10.41	190.24	-50.42	-1297.03	-160.74	-557.33	-324.98
33179	69.02	-5.08	10.41	273.96	-77.33	-1607.06	-150.81	-613.38	-371.90
33180	70.01	-5.08	10.41	372.77	-98.85	-1924.28	-129.01	-621.10	-408.83
33181	71.01	-5.07	10.41	459.43	-118.65	-2222.32	-98.54	-572.10	-430.98
33182	72.00	-5.07	10.41	537.25	-132.56	-2471.28	-61.92	-466.53	-434.49
33183	72.99	-5.07	10.41	578.56	-142.79	-2644.96	-25.91	-312.62	-417.73
33184	73.98	-5.06	10.41	579.09	-151.67	-2724.51	1.66	-136.45	-385.19
33185	74.98	-5.06	10.41	541.58	-157.34	-2711.67	20.18	35.82	-344.57
33186	75.97	-5.06	10.41	476.80	-160.44	-2621.10	28.58	185.14	-301.25
33187	76.96	-5.05	10.41	397.29	-162.68	-2474.15	26.91	299.76	-261.67
33188	77.95	-5.05	10.41	317.68	-163.06	-2294.65	19.58	377.02	-231.01
33189	63.46	-6.20	10.41	-17.81	125.43	-502.24	-89.49	-174.10	-66.03
33190	64.42	-6.20	10.41	-2.77	85.43	-527.86	-125.80	-235.77	-137.04
33191	65.39	-6.19	10.41	23.09	44.89	-636.38	-155.47	-306.87	-203.31
33192	66.36	-6.19	10.41	68.97	8.43	-808.06	-175.28	-383.86	-265.59
33193	67.33	-6.19	10.41	126.16	-24.70	-1030.62	-185.81	-465.42	-326.51
33194	68.29	-6.18	10.41	193.45	-53.89	-1289.90	-186.18	-538.45	-385.20
33195	69.26	-6.18	10.41	270.06	-78.80	-1573.28	-175.58	-587.17	-439.12
33196	70.23	-6.18	10.41	355.45	-97.93	-1864.04	-152.20	-595.21	-482.54
33197	71.20	-6.17	10.41	437.55	-112.16	-2138.68	-118.46	-551.71	-509.71
33198	72.16	-6.17	10.41	504.13	-122.67	-2371.99	-82.65	-458.40	-519.19
33199	73.13	-6.17	10.41	544.94	-126.41	-2541.52	-41.96	-323.21	-509.58
33200	74.10	-6.16	10.41	551.91	-128.30	-2630.78	-8.29	-163.50	-481.05
33201	75.06	-6.16	10.41	522.57	-129.19	-2636.43	14.49	-1.86	-441.46
33202	76.03	-6.16	10.41	468.28	-128.42	-2568.54	27.42	142.11	-398.01
33203	77.00	-6.15	10.41	399.18	-127.32	-2444.57	30.57	258.96	-355.88
33204	77.97	-6.15	10.41	324.78	-126.91	-2282.81	27.09	343.91	-320.07
33205	63.92	-7.27	10.41	-4.96	124.28	-543.70	-105.28	-178.75	-79.40
33206	64.86	-7.27	10.41	13.83	82.57	-579.25	-142.59	-238.52	-158.05
33207	65.80	-7.27	10.41	40.30	40.61	-685.77	-173.74	-307.47	-233.04
33208	66.73	-7.27	10.41	83.23	3.14	-845.71	-194.90	-379.74	-303.31
33209	67.67	-7.27	10.41	135.83	-30.11	-1048.69	-206.07	-453.05	-371.10
33210	68.61	-7.27	10.41	196.88	-58.72	-1282.69	-206.47	-516.55	-435.85
33211	69.55	-7.26	10.41	265.86	-82.09	-1535.64	-195.25	-556.89	-494.82
33212	70.48	-7.26	10.41	337.83	-100.77	-1795.63	-172.86	-564.09	-544.61
33213	71.42	-7.26	10.41	414.80	-109.74	-2042.33	-138.26	-525.51	-578.67
33214	72.36	-7.26	10.41	470.56	-115.90	-2254.06	-100.16	-443.13	-594.89
33215	73.30	-7.26	10.41	509.62	-117.88	-2412.75	-58.75	-326.90	-592.27
33216	74.23	-7.26	10.41	520.68	-115.46	-2506.18	-23.62	-185.49	-570.96
33217	75.17	-7.26	10.41	500.29	-111.29	-2526.37	4.48	-37.59	-537.36
33218	76.11	-7.25	10.41	455.48	-107.66	-2479.16	22.65	98.47	-496.87
33219	77.04	-7.25	10.41	397.22	-104.26	-2377.60	32.16	213.39	-455.02
33220	77.98	-7.25	10.41	329.88	-103.05	-2236.35	34.00	302.46	-415.83
33221	62.33	-3.97	8.72	29.18	132.03	-498.34	-79.44	-125.47	-113.03
33222	63.37	-3.97	8.72	55.86	90.09	-449.53	-118.26	-106.74	-136.13
33223	64.41	-3.97	8.72	186.68	59.71	-552.41	-132.94	-110.31	-153.59
33224	65.45	-3.96	8.72	296.16	24.22	-759.51	-139.59	-183.01	-179.66
33225	66.49	-3.96	8.72	380.31	-10.77	-1003.98	-142.39	-281.27	-211.05
33226	67.53	-3.96	8.72	449.62	-42.88	-1264.26	-141.11	-374.16	-243.78
33227	68.57	-3.96	8.72	513.64	-71.11	-1528.38	-134.43	-440.35	-274.25
33228	69.61	-3.96	8.72	572.91	-95.87	-1784.26	-121.91	-466.97	-299.42
33229	70.65	-3.96	8.72	627.07	-117.05	-2016.06	-103.61	-446.96	-316.45
33230	71.69	-3.96	8.72	665.15	-135.65	-2206.34	-81.90	-381.33	-323.52
33231	72.73	-3.96	8.72	682.15	-151.25	-2339.47	-59.09	-279.66	-320.28
33232	73.77	-3.96	8.72	671.88	-164.66	-2406.23	-38.32	-155.47	-307.73
33233	74.81	-3.95	8.72	634.43	-175.54	-2405.21	-21.69	-26.41	-288.72
33234	75.85	-3.95	8.72	576.20	-183.39	-2344.47	-10.19	92.60	-266.57
33235	76.89	-3.95	8.72	504.89	-188.53	-2237.47	-3.66	192.16	-244.43
33236	77.93	-3.95	8.72	429.34	-190.89	-2099.10	-0.94	267.97	-224.79
33237	62.64	-5.10	8.72	40.82	146.49	-544.93	-103.78	-128.15	-135.97
33238	63.66	-5.09	8.72	67.38	95.25	-504.42	-148.47	-116.55	-170.53
33239	64.68	-5.09	8.72	188.74	57.62	-599.59	-166.24	-123.16	-196.60
33240	65.70	-5.09	8.72	291.90	18.45	-791.35	-174.17	-191.01	-230.34
33241	66.72	-5.08	8.72	371.60	-17.82	-1019.01	-177.00	-281.83	-268.46
33242	67.74	-5.08	8.72	436.86	-49.49	-1261.56	-174.56	-367.30	-306.91
33243	68.76	-5.08	8.72	496.38	-75.94	-1507.41	-165.54	-427.94	-342.07
33244	69.78	-5.07	8.72	550.68	-98.01	-1745.69	-149.69	-452.43	-370.88
33245	70.80	-5.07	8.72	600.41	-115.46	-1962.51	-127.53	-434.52	-390.47
33246	71.82	-5.07	8.72	635.56	-129.67	-2142.45	-101.52	-374.77	-398.97
33247	72.84	-5.07	8.72	652.18	-140.81	-2271.27	-74.40	-281.66	-396.09
33248	73.86	-5.06	8.72	644.59	-149.18	-2340.58	-49.07	-166.81	-382.68
33249	74.88	-5.06	8.72	612.80	-155.53	-2347.87	-28.55	-45.13	-361.34
33250	75.90	-5.06	8.72	560.89	-160.05	-2298.62	-13.85	69.70	-336.00
33251	76.92	-5.05	8.72	496.04	-162.77	-2203.67	-4.65	168.23	-310.01
33252	77.94	-5.05	8.72	425.57	-164.08	-2075.91	0.05	245.90	-285.89
33253	63.01	-6.20	8.72	54.22	155.98	-597.65	-125.90	-133.56	-149.65
33254	64.01	-6.19	8.72	79.82	97.40	-570.32	-174.26	-130.07	-198.08
33255	65.01	-6.19	8.72	189.50	53.60	-659.50	-194.95	-140.81	-234.88
33256	66.00	-6.19	8.72	284.47	11.58	-834.32	-204.72	-203.64	-276.68
33257	67.00	-6.19	8.72	358.35	-25.37	-1042.13	-208.04	-285.87	-320.89
33258	67.99	-6.18	8.72	418.83	-56.24	-1263.27	-204.73	-362.25	-364.14
33259	68.99	-6.18	8.72	473.22	-81.12	-1487.32	-193.76	-415.99	-403.27
33260	69.98	-6.18	8.72	523.37	-100.71	-1704.34	-175.35	-436.88	-435.54
33261	70.98	-6.17	8.72	567.59	-115.47	-1902.60	-150.66	-420.39	-458.56
33262	71.98	-6.17	8.72	600.76	-125.82	-2068.90	-120.97	-366.77	-469.94
33263	72.97	-6.17	8.72	616.90	-133.21	-2190.90	-90.85	-282.45	-469.05
33264	73.97	-6.16	8.72	612.10	-137.76	-2260.42	-62.30	-177.82	-457.40

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
33265	74.96	-6.16	8.72	586.20	-140.32	-2274.65	-37.98	-65.12	-436.93
33266	75.96	-6.16	8.72	541.49	-141.77	-2236.71	-19.57	43.97	-410.95
33267	76.96	-6.15	8.72	483.76	-142.44	-2154.65	-6.95	140.05	-383.02
33268	77.95	-6.15	8.72	419.55	-142.60	-2039.24	0.69	218.28	-355.73
33269	63.47	-7.27	8.72	67.08	156.43	-652.44	-143.06	-140.17	-158.45
33270	64.43	-7.27	8.72	92.92	95.61	-645.03	-192.51	-145.20	-220.19
33271	65.40	-7.27	8.72	189.56	47.81	-730.80	-216.53	-161.66	-267.94
33272	66.37	-7.27	8.72	274.24	4.33	-887.46	-228.95	-219.80	-316.93
33273	67.33	-7.27	8.72	340.82	-32.42	-1072.43	-233.11	-292.45	-365.93
33274	68.30	-7.26	8.72	395.93	-62.35	-1268.82	-229.10	-358.22	-412.72
33275	69.27	-7.26	8.72	445.28	-86.15	-1467.77	-216.83	-403.55	-455.11
33276	70.23	-7.26	8.72	491.57	-103.97	-1660.33	-196.55	-419.65	-490.45
33277	71.20	-7.26	8.72	530.69	-117.42	-1836.70	-170.31	-403.58	-516.67
33278	72.17	-7.26	8.72	561.79	-125.89	-1986.06	-139.26	-355.76	-531.77
33279	73.13	-7.26	8.72	577.42	-130.45	-2097.99	-107.08	-280.24	-534.86
33280	74.10	-7.26	8.72	575.46	-132.30	-2164.48	-75.82	-186.45	-526.80
33281	75.07	-7.25	8.72	555.04	-132.42	-2183.00	-48.69	-84.00	-509.13
33282	76.03	-7.25	8.72	517.84	-131.42	-2154.76	-26.79	17.36	-484.88
33283	77.00	-7.25	8.72	467.69	-130.24	-2085.43	-10.64	109.05	-457.02
33284	77.97	-7.25	8.72	410.56	-129.03	-1983.39	0.50	185.96	-428.21
33285	61.91	-3.97	7.03	-48.99	146.00	-302.62	-147.94	-8.68	-238.30
33286	62.98	-3.97	7.03	459.78	156.14	-263.72	-153.21	290.46	-173.47
33287	64.04	-3.97	7.03	664.22	103.56	-553.18	-144.34	203.58	-162.31
33288	65.11	-3.96	7.03	740.53	47.85	-812.65	-141.55	46.33	-176.02
33289	66.18	-3.96	7.03	763.27	-2.37	-1046.42	-142.52	-106.45	-199.84
33290	67.25	-3.96	7.03	766.94	-43.90	-1264.17	-143.03	-230.92	-226.07
33291	68.31	-3.96	7.03	766.47	-76.85	-1469.79	-140.09	-318.24	-250.78
33292	69.38	-3.96	7.03	767.21	-102.56	-1660.72	-132.30	-364.75	-271.69
33293	70.45	-3.96	7.03	767.41	-122.75	-1830.07	-119.85	-370.43	-287.34
33294	71.51	-3.96	7.03	763.47	-138.68	-1968.73	-103.74	-338.66	-296.74
33295	72.58	-3.96	7.03	749.73	-151.45	-2068.07	-85.73	-276.11	-299.51
33296	73.65	-3.96	7.03	722.70	-161.55	-2122.10	-67.57	-192.60	-296.08
33297	74.72	-3.95	7.03	681.03	-169.41	-2129.22	-50.90	-98.80	-287.50
33298	75.78	-3.95	7.03	626.11	-175.21	-2092.18	-36.74	-5.01	-275.36
33299	76.85	-3.95	7.03	561.79	-178.93	-2017.57	-25.46	80.66	-261.38
33300	77.92	-3.95	7.03	492.65	-180.70	-1913.96	-16.84	153.33	-246.97
33301	62.20	-5.09	7.03	-28.44	177.69	-395.29	-191.35	-17.45	-284.26
33302	63.25	-5.09	7.03	447.02	161.29	-347.01	-196.68	255.71	-215.60
33303	64.30	-5.09	7.03	641.46	97.35	-605.99	-186.34	177.78	-206.75
33304	65.35	-5.08	7.03	714.53	35.41	-845.19	-183.34	31.46	-225.97
33305	66.40	-5.08	7.03	735.64	-16.51	-1062.04	-184.03	-111.88	-255.09
33306	67.44	-5.08	7.03	737.86	-56.95	-1264.07	-183.01	-228.66	-285.40
33307	68.49	-5.08	7.03	735.90	-87.56	-1454.57	-177.18	-310.37	-313.09
33308	69.54	-5.07	7.03	735.21	-110.45	-1631.32	-165.58	-353.84	-336.13
33309	70.59	-5.07	7.03	734.27	-127.70	-1788.26	-148.81	-359.39	-353.14
33310	71.64	-5.07	7.03	730.02	-140.61	-1917.37	-128.24	-330.32	-363.13
33311	72.69	-5.06	7.03	717.25	-150.31	-2010.95	-105.84	-272.59	-365.68
33312	73.73	-5.06	7.03	692.75	-157.52	-2063.32	-83.62	-194.92	-361.26
33313	74.78	-5.06	7.03	654.96	-162.70	-2072.59	-63.18	-106.86	-350.97
33314	75.83	-5.06	7.03	604.95	-166.22	-2040.64	-45.73	-17.69	-336.44
33315	76.88	-5.05	7.03	545.69	-168.34	-1972.73	-31.72	65.03	-319.52
33316	77.93	-5.05	7.03	481.21	-169.18	-1876.14	-20.95	136.34	-301.86
33317	62.57	-6.19	7.03	-3.18	212.59	-501.86	-232.00	-35.19	-305.33
33318	63.59	-6.19	7.03	427.85	162.08	-447.22	-238.20	207.30	-247.30
33319	64.62	-6.19	7.03	607.43	85.35	-673.06	-228.76	139.44	-248.32
33320	65.64	-6.19	7.03	674.90	19.26	-889.19	-226.65	5.88	-274.89
33321	66.67	-6.18	7.03	693.74	-31.86	-1086.11	-226.39	-125.39	-308.18
33322	67.69	-6.18	7.03	695.21	-69.65	-1269.41	-222.49	-231.67	-340.88
33323	68.72	-6.18	7.03	693.27	-97.35	-1441.95	-212.72	-305.31	-370.27
33324	69.74	-6.17	7.03	692.53	-117.66	-1601.92	-196.89	-344.06	-394.80
33325	70.77	-6.17	7.03	692.07	-132.46	-1744.10	-175.90	-348.46	-413.10
33326	71.79	-6.17	7.03	688.44	-143.10	-1861.59	-151.53	-321.62	-424.22
33327	72.82	-6.17	7.03	677.63	-150.40	-1947.59	-125.39	-268.88	-427.68
33328	73.84	-6.16	7.03	656.43	-155.24	-1997.01	-99.63	-197.55	-423.64
33329	74.86	-6.16	7.03	623.30	-158.22	-2007.65	-75.91	-116.01	-413.18
33330	75.89	-6.16	7.03	578.95	-159.81	-1980.62	-55.35	-32.41	-397.84
33331	76.91	-6.15	7.03	525.65	-160.42	-1919.88	-38.49	46.43	-379.38
33332	77.94	-6.15	7.03	466.73	-160.30	-1831.33	-25.24	115.63	-359.49
33333	63.01	-7.27	7.03	17.63	235.47	-607.68	-266.65	-66.72	-301.55
33334	64.00	-7.27	7.03	397.03	153.95	-559.62	-274.84	144.04	-272.09
33335	65.00	-7.27	7.03	557.40	69.25	-755.03	-269.32	84.84	-289.93
33336	66.00	-7.27	7.03	617.37	3.48	-945.41	-268.23	-33.51	-322.47
33337	66.99	-7.26	7.03	634.89	-44.33	-1118.75	-265.47	-148.40	-356.94
33338	67.99	-7.26	7.03	638.02	-78.90	-1280.20	-257.27	-240.22	-389.87
33339	68.99	-7.26	7.03	638.76	-104.30	-1432.14	-242.95	-302.88	-419.75
33340	69.98	-7.26	7.03	640.22	-123.12	-1572.99	-223.14	-334.97	-445.24
33341	70.98	-7.26	7.03	641.91	-136.59	-1698.25	-198.75	-337.10	-464.89
33342	71.97	-7.26	7.03	640.16	-145.96	-1802.02	-171.43	-311.88	-477.56
33343	72.97	-7.26	7.03	632.12	-152.04	-1878.45	-142.71	-264.01	-482.64
33344	73.97	-7.26	7.03	614.70	-155.52	-1923.17	-114.49	-199.36	-480.14
33345	74.96	-7.25	7.03	586.71	-157.07	-1933.79	-88.17	-125.02	-470.88
33346	75.96	-7.25	7.03	548.41	-157.35	-1910.79	-65.00	-47.95	-456.12
33347	76.96	-7.25	7.03	501.65	-156.80	-1856.99	-45.50	25.86	-437.47
33348	77.95	-7.25	7.03	448.95	-155.82	-1776.99	-29.75	91.83	-416.50
33349	61.49	-3.97	5.34	1993.21	481.27	726.64	-174.43	1204.31	-326.85
33350	62.58	-3.97	5.34	1828.73	303.50	-363.71	-120.69	697.41	-191.86
33351	63.68	-3.96	5.34	1590.05	188.19	-738.31	-112.09	335.77	-169.43
33352	64.77	-3.96	5.34	1389.23	91.49	-968.14	-115.62	85.06	-175.49
33353	65.86	-3.96	5.34	1231.34	13.91	-1145.11	-124.85	-93.47	-191.55
33354	66.96	-3.96	5.34	1109.35	-44.15	-1301.33	-133.56	-220.19	-210.37
33355	68.05	-3.96	5.34	1016.25	-85.46	-1446.13	-137.57	-304.30	-228.62
33356	69.15	-3.96	5.34	945.33	-114.26	-1579.61	-135.50	-350.41	-244.63
33357	70.24	-3.96	5.34	889.91	-134.29	-1697.58	-127.80	-361.99	-257.44
33358	71.34	-3.96	5.34	843.03	-148.35	-1794.14	-115.79	-343.11	-266.41
33359	72.43	-3.96	5.34	798.68	-158.28	-1863.49	-101.04	-299.20	-271.17
33360	73.53	-3.95	5.34	752.05	-165.32	-1901.29	-85.10	-236.90	-271.75
33361	74.62	-3.95	5.34	700.35	-170.22	-1905.60	-69.28	-163.64	-268.52
33362	75.71	-3.95	5.34	642.82	-173.41	-1877.21	-54.55	-86.60	-262.14
33363	76.81	-3.95	5.34	580.34	-175.15	-1819.30	-41.50	-11.99	-253.44

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
33364	77.90	-3.95	5.34	514.96	-175.60	-1736.69	-30.32	55.64	-243.23
33365	61.77	-5.09	5.34	1930.15	468.89	543.89	-241.32	1139.91	-417.09
33366	62.85	-5.09	5.34	1769.35	310.50	-444.91	-165.91	659.00	-240.60
33367	63.92	-5.08	5.34	1542.07	182.99	-789.86	-150.14	316.20	-211.17
33368	65.00	-5.08	5.34	1348.54	73.13	-999.07	-156.31	77.61	-221.17
33369	66.08	-5.08	5.34	1192.50	-9.24	-1160.29	-169.53	-93.31	-242.16
33370	67.15	-5.08	5.34	1070.08	-65.54	-1302.87	-178.92	-214.67	-264.48
33371	68.23	-5.07	5.34	976.61	-102.89	-1435.16	-180.46	-294.91	-284.89
33372	69.30	-5.07	5.34	905.97	-127.75	-1557.14	-174.22	-338.80	-302.22
33373	70.38	-5.07	5.34	851.45	-144.45	-1664.96	-161.74	-350.06	-315.74
33374	71.46	-5.07	5.34	806.06	-155.77	-1753.28	-144.92	-332.75	-324.88
33375	72.53	-5.06	5.34	763.88	-163.41	-1816.78	-125.58	-292.02	-329.31
33376	73.61	-5.06	5.34	720.17	-168.47	-1851.47	-105.41	-233.93	-329.03
33377	74.68	-5.06	5.34	672.11	-171.65	-1855.33	-85.78	-165.23	-324.43
33378	75.76	-5.06	5.34	618.71	-173.42	-1828.81	-67.71	-92.48	-316.26
33379	76.84	-5.05	5.34	560.59	-174.07	-1774.45	-51.79	-21.43	-305.42
33380	77.91	-5.05	5.34	499.42	-173.79	-1696.39	-38.21	43.54	-292.82
33381	62.13	-6.19	5.34	1852.36	481.17	308.24	-312.19	1043.81	-481.73
33382	63.18	-6.19	5.34	1692.61	316.69	-543.51	-212.47	605.09	-273.02
33383	64.23	-6.19	5.34	1476.31	161.22	-850.63	-196.62	287.32	-247.92
33384	65.29	-6.18	5.34	1284.80	39.50	-1036.88	-210.73	61.76	-266.60
33385	66.34	-6.18	5.34	1128.49	-39.20	-1180.84	-225.42	-100.09	-292.19
33386	67.39	-6.18	5.34	1007.66	-88.07	-1308.40	-230.33	-213.87	-316.28
33387	68.45	-6.18	5.34	917.52	-119.25	-1426.75	-225.26	-288.19	-337.43
33388	69.50	-6.17	5.34	850.88	-139.83	-1535.75	-212.46	-328.34	-355.25
33389	70.55	-6.17	5.34	800.23	-153.63	-1631.97	-194.18	-338.36	-369.18
33390	71.61	-6.17	5.34	758.67	-162.83	-1710.69	-172.31	-322.26	-378.61
33391	72.66	-6.16	5.34	720.36	-168.80	-1767.23	-148.65	-284.72	-383.13
33392	73.71	-6.16	5.34	680.89	-172.42	-1797.93	-124.67	-231.18	-382.69
33393	74.76	-6.16	5.34	637.56	-174.31	-1800.86	-101.65	-167.58	-377.59
33394	75.82	-6.16	5.34	589.28	-174.95	-1776.08	-80.56	-99.74	-368.52
33395	76.87	-6.15	5.34	536.42	-174.67	-1725.55	-61.95	-32.90	-356.38
33396	77.92	-6.15	5.34	480.31	-173.72	-1652.68	-46.03	28.85	-342.10
33397	62.55	-7.27	5.34	1759.29	522.78	44.34	-387.71	907.12	-492.38
33398	63.58	-7.27	5.34	1587.24	302.25	-653.92	-276.85	525.78	-296.26
33399	64.60	-7.27	5.34	1365.52	110.91	-918.78	-273.70	235.72	-291.59
33400	65.63	-7.26	5.34	1173.83	-2.56	-1080.10	-287.15	28.10	-316.56
33401	66.65	-7.26	5.34	1025.00	-65.73	-1206.05	-290.13	-118.60	-341.61
33402	67.68	-7.26	5.34	915.65	-104.35	-1317.85	-282.09	-219.76	-364.18
33403	68.71	-7.26	5.34	836.95	-130.12	-1421.31	-266.58	-284.81	-384.48
33404	69.73	-7.26	5.34	780.00	-147.97	-1516.20	-246.00	-319.21	-402.07
33405	70.76	-7.26	5.34	737.08	-160.40	-1599.60	-221.94	-326.88	-416.19
33406	71.78	-7.26	5.34	701.89	-168.83	-1667.49	-195.69	-311.45	-426.04
33407	72.81	-7.26	5.34	669.16	-174.20	-1715.89	-168.53	-276.97	-431.06
33408	73.83	-7.26	5.34	635.14	-177.24	-1741.57	-141.60	-228.17	-431.04
33409	74.86	-7.25	5.34	597.40	-178.53	-1742.74	-115.97	-170.07	-426.17
33410	75.89	-7.25	5.34	554.96	-178.54	-1719.20	-92.46	-107.76	-417.05
33411	76.91	-7.25	5.34	508.00	-177.66	-1672.37	-71.60	-45.80	-404.46
33412	77.94	-7.25	5.34	457.63	-176.19	-1604.96	-53.61	12.04	-389.27
33413	78.86	-7.25	17.16	-94.74	-89.51	-834.02	-53.65	99.51	-82.86
33414	79.68	-7.25	17.16	-135.11	-347.42	-2260.72	-119.28	-740.81	-101.94
33415	80.50	-7.25	17.16	-288.44	-532.59	-3109.64	-18.68	667.36	-219.32
33416	81.32	-7.26	17.16	-551.59	-378.37	-1845.29	28.24	1166.20	-207.68
33417	82.14	-7.26	17.16	-102.56	-236.95	-1584.53	-47.46	227.18	-78.86
33418	82.96	-7.26	17.16	-337.73	-320.63	-1892.86	-25.10	776.54	-230.55
33419	83.78	-7.26	17.16	-953.98	-416.69	-1079.18	176.87	985.79	-264.16
33420	84.59	-7.26	17.16	-426.23	-261.33	-340.02	60.39	421.00	-148.91
33421	85.41	-7.27	17.16	-231.19	-225.69	-187.83	28.85	236.23	-114.60
33422	86.23	-7.27	17.16	-102.45	-169.14	-100.90	-19.65	123.38	-63.17
33423	87.05	-7.27	17.16	-23.78	-140.63	-59.41	-52.47	54.98	-32.33
33424	87.87	-7.27	17.16	17.66	-127.36	-37.45	-68.99	12.73	-14.54
33425	88.69	-7.27	17.16	32.50	-122.45	-23.79	-74.41	-14.10	-4.58
33426	89.51	-7.27	17.16	28.96	-121.27	-11.97	-72.74	-30.82	-0.25
33427	90.33	-7.28	17.16	13.20	-120.22	3.56	-66.78	-39.28	-1.85
33428	91.15	-7.28	17.16	-9.81	-115.88	30.07	-58.32	-38.77	-12.90
33429	78.88	-6.15	17.16	-71.36	-195.03	-831.74	-27.09	174.54	-234.43
33430	79.73	-6.16	17.16	-117.32	-377.83	-2187.17	-92.52	-605.21	-186.96
33431	80.58	-6.16	17.16	-301.23	-522.09	-3061.27	5.56	706.75	-238.33
33432	81.44	-6.16	17.16	-645.74	-367.29	-1758.33	38.96	1230.98	-221.57
33433	82.29	-6.17	17.16	-123.91	-164.68	-1049.97	-92.43	360.87	106.84
33434	83.14	-6.17	17.16	-104.99	-244.84	-1492.58	-110.20	429.70	67.61
33435	83.99	-6.18	17.16	-627.61	-434.75	-1264.98	168.46	869.81	-341.30
33436	84.85	-6.18	17.16	-644.38	-382.16	-577.18	215.42	620.86	-316.14
33437	85.70	-6.18	17.16	-329.73	-219.59	-216.16	62.43	302.04	-126.29
33438	86.55	-6.19	17.16	-141.97	-167.55	-106.55	-17.30	145.68	-58.68
33439	87.41	-6.19	17.16	-35.52	-144.52	-59.22	-55.09	62.87	-27.32
33440	88.26	-6.20	17.16	18.10	-135.34	-35.92	-71.45	15.67	-11.13
33441	89.11	-6.20	17.16	37.68	-132.87	-22.40	-75.64	-12.74	-2.35
33442	89.96	-6.20	17.16	35.22	-133.08	-11.21	-72.67	-29.70	1.66
33443	90.82	-6.21	17.16	18.89	-132.84	3.61	-65.47	-37.41	0.85
33444	91.67	-6.21	17.16	-5.05	-128.92	30.00	-55.90	-34.54	-7.43
33445	78.89	-5.05	17.16	-434.68	-640.33	-2496.65	132.90	500.77	-1185.22
33446	79.77	-5.06	17.16	-363.13	-521.10	-2848.71	52.42	125.21	-646.59
33447	80.65	-5.06	17.16	-391.77	-438.62	-3013.91	12.34	746.39	-235.92
33448	81.53	-5.06	17.16	-584.01	-419.65	-2188.57	67.94	1009.92	-442.82
33449	82.42	-5.07	17.16	-307.97	-336.08	-1435.10	111.71	661.01	-633.64
33450	83.30	-5.07	17.16	-124.50	-285.83	-1483.91	48.06	440.14	-392.56
33451	84.18	-5.07	17.16	-303.43	-272.36	-1447.65	1.97	807.33	-202.78
33452	85.06	-5.08	17.16	-895.29	-319.66	-803.12	97.40	844.42	-187.80
33453	85.94	-5.08	17.16	-417.73	-198.60	-233.43	12.76	353.09	-90.79
33454	86.82	-5.09	17.16	-170.94	-163.40	-110.98	-39.28	160.99	-42.90
33455	87.70	-5.09	17.16	-41.35	-148.50	-58.88	-66.14	67.66	-19.25
33456	88.58	-5.09	17.16	21.58	-143.30	-34.67	-76.74	17.29	-6.65
33457	89.46	-5.10	17.16	44.35	-142.87	-21.30	-77.47	-12.05	0.43
33458	90.35	-5.10	17.16	42.21	-144.09	-10.64	-72.18	-29.10	4.01
33459	91.23	-5.11	17.16	24.99	-144.32	3.62	-63.28	-36.18	4.07
33460	92.11	-5.11	17.16	0.14	-140.21	30.22	-52.19	-30.96	-1.40
33461	78.90	-3.95	17.16	-742.84	-377.68	-4474.34	-60.44	801.10	-43.68
33462	79.81	-3.95	17.16	-629.71	-358.59	-3963.57	-42.35	781.37	-39.21

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
33463	80.71	-3.95	17.16	-536.56	-339.96	-3454.09	-68.30	789.05	-42.23
33464	81.61	-3.96	17.16	-483.96	-292.24	-2986.63	-87.65	792.97	-68.15
33465	82.52	-3.96	17.16	-426.32	-253.78	-2516.97	-79.57	772.98	-104.27
33466	83.42	-3.96	17.16	-345.01	-259.48	-2007.72	-68.29	761.56	-133.71
33467	84.32	-3.96	17.16	-313.39	-268.90	-1525.86	-42.85	811.52	-147.92
33468	85.23	-3.96	17.16	-912.06	-320.66	-848.15	25.74	859.10	-139.61
33469	86.13	-3.96	17.16	-434.00	-202.45	-246.14	-30.80	366.63	-59.54
33470	87.04	-3.97	17.16	-175.59	-168.65	-113.57	-63.00	166.29	-27.87
33471	87.94	-3.97	17.16	-37.67	-155.75	-58.65	-78.04	69.47	-11.41
33472	88.84	-3.97	17.16	29.09	-152.15	-33.87	-81.95	17.91	-2.18
33473	89.75	-3.97	17.16	52.86	-152.53	-20.64	-78.65	-11.80	3.35
33474	90.65	-3.97	17.16	50.11	-153.97	-10.36	-70.76	-28.88	6.56
33475	91.56	-3.97	17.16	31.53	-153.97	3.55	-59.91	-35.51	7.54
33476	92.46	-3.97	17.16	5.25	-149.56	30.22	-47.05	-28.75	5.25
33477	78.87	-7.25	15.47	-651.51	-448.44	-2127.87	9.89	495.06	-184.97
33478	79.72	-7.25	15.47	-296.65	-360.93	-2090.57	4.79	394.29	-179.36
33479	80.57	-7.25	15.47	-65.26	-288.53	-2060.17	-13.62	443.80	-169.11
33480	81.42	-7.26	15.47	-188.76	-295.85	-1983.41	0.01	593.77	-151.66
33481	82.27	-7.26	15.47	-341.23	-257.38	-1665.59	-8.49	700.93	-149.04
33482	83.12	-7.26	15.47	-235.14	-185.42	-1327.43	-30.59	598.59	-160.20
33483	83.97	-7.26	15.47	-183.11	-170.52	-1087.56	-38.64	600.17	-212.94
33484	84.82	-7.26	15.47	-335.40	-192.26	-780.26	26.14	580.41	-228.59
33485	85.66	-7.26	15.47	-300.22	-159.88	-483.33	33.56	419.07	-179.73
33486	86.51	-7.27	15.47	-243.24	-139.04	-309.12	26.16	280.14	-131.18
33487	87.36	-7.27	15.47	-181.93	-119.95	-200.96	9.60	169.87	-89.59
33488	88.21	-7.27	15.47	-127.15	-105.16	-131.64	-7.29	87.84	-59.62
33489	89.06	-7.27	15.47	-82.64	-93.57	-81.42	-20.93	29.22	-39.88
33490	89.91	-7.27	15.47	-48.51	-83.93	-36.38	-30.24	-10.84	-28.61
33491	90.76	-7.27	15.47	-23.70	-75.49	15.26	-34.69	-36.22	-24.31
33492	91.61	-7.28	15.47	-7.53	-68.60	85.84	-32.92	-50.51	-24.94
33493	78.89	-6.15	15.47	-640.96	-481.52	-2314.52	31.34	542.21	-378.32
33494	79.77	-6.16	15.47	-317.47	-374.80	-2218.07	64.04	463.52	-295.76
33495	80.65	-6.16	15.47	-93.12	-279.91	-2102.81	8.02	512.11	-215.73
33496	81.54	-6.16	15.47	-190.30	-298.21	-1948.47	-7.97	643.04	-192.26
33497	82.42	-6.17	15.47	-372.04	-325.17	-1655.24	21.16	687.82	-202.63
33498	83.30	-6.17	15.47	-286.35	-254.63	-1333.04	-18.68	601.60	-187.81
33499	84.18	-6.18	15.47	-199.79	-176.92	-1089.58	-64.26	566.51	-172.22
33500	85.06	-6.18	15.47	-261.34	-168.44	-815.75	-16.52	561.12	-191.11
33501	85.94	-6.18	15.47	-298.08	-167.63	-525.37	24.16	449.39	-168.90
33502	86.82	-6.19	15.47	-251.11	-144.85	-319.27	17.74	300.79	-116.15
33503	87.71	-6.19	15.47	-186.70	-127.13	-199.64	1.67	180.11	-76.14
33504	88.59	-6.19	15.47	-127.52	-113.89	-127.10	-13.48	92.09	-48.43
33505	89.47	-6.20	15.47	-79.95	-103.39	-76.90	-24.99	30.77	-30.46
33506	90.35	-6.20	15.47	-44.33	-94.04	-32.98	-32.29	-9.81	-20.11
33507	91.23	-6.21	15.47	-19.48	-84.89	17.72	-35.00	-34.14	-15.85
33508	92.11	-6.21	15.47	-5.01	-76.48	88.76	-31.93	-46.24	-15.45
33509	78.90	-5.05	15.47	-512.74	-172.96	-2702.67	3.05	627.02	-282.14
33510	79.81	-5.06	15.47	-334.62	-182.14	-2513.55	65.48	570.84	-221.01
33511	80.72	-5.06	15.47	-205.39	-185.04	-2305.81	-9.52	604.42	-166.82
33512	81.63	-5.06	15.47	-230.90	-178.57	-2033.76	-83.32	677.84	-144.26
33513	82.54	-5.07	15.47	-325.82	-210.81	-1730.95	-64.88	660.20	-137.51
33514	83.45	-5.07	15.47	-294.36	-222.42	-1424.22	-33.87	616.52	-151.37
33515	84.36	-5.07	15.47	-247.57	-199.47	-1141.86	-27.72	567.09	-164.25
33516	85.27	-5.08	15.47	-192.91	-170.59	-859.47	-23.66	547.98	-156.34
33517	86.18	-5.08	15.47	-302.38	-172.40	-567.78	4.90	482.90	-134.76
33518	87.09	-5.08	15.47	-258.96	-150.84	-328.24	2.53	319.36	-93.22
33519	87.99	-5.09	15.47	-190.13	-134.91	-199.06	-8.76	188.86	-59.60
33520	88.90	-5.09	15.47	-126.80	-122.86	-123.86	-19.95	95.68	-35.95
33521	89.81	-5.10	15.47	-76.70	-112.96	-73.70	-28.28	32.10	-20.28
33522	90.72	-5.10	15.47	-39.96	-103.64	-30.71	-33.08	-8.96	-10.79
33523	91.63	-5.10	15.47	-15.13	-93.85	19.28	-34.03	-32.36	-6.09
33524	92.54	-5.11	15.47	-2.14	-83.46	91.14	-30.27	-42.27	-4.41
33525	78.92	-3.95	15.47	-370.72	59.79	-2759.23	-91.75	644.22	232.23
33526	79.85	-3.95	15.47	-306.07	19.77	-2504.32	-80.49	602.54	238.61
33527	80.78	-3.95	15.47	-259.98	-25.25	-2249.75	-114.88	611.26	232.02
33528	81.71	-3.96	15.47	-248.55	-39.87	-1955.33	-146.21	612.32	161.42
33529	82.64	-3.96	15.47	-236.29	-67.66	-1677.25	-145.36	574.26	60.94
33530	83.57	-3.96	15.47	-212.99	-140.99	-1458.67	-126.51	547.41	-31.52
33531	84.50	-3.96	15.47	-229.04	-203.66	-1218.78	-85.82	566.05	-94.16
33532	85.43	-3.96	15.47	-175.97	-192.14	-908.80	-51.61	560.97	-113.30
33533	86.36	-3.96	15.47	-299.72	-188.69	-592.62	-16.02	501.91	-102.47
33534	87.29	-3.96	15.47	-260.36	-163.25	-335.31	-12.14	332.06	-70.08
33535	88.23	-3.97	15.47	-190.16	-145.42	-199.32	-17.95	195.52	-43.13
33536	89.16	-3.97	15.47	-124.70	-132.51	-122.16	-24.88	98.76	-23.53
33537	90.09	-3.97	15.47	-73.11	-122.13	-71.98	-29.95	33.39	-10.02
33538	91.02	-3.97	15.47	-35.69	-112.30	-29.61	-32.33	-8.19	-1.14
33539	91.95	-3.97	15.47	-11.01	-101.56	19.97	-31.76	-31.04	4.33
33540	92.88	-3.97	15.47	0.60	-89.34	92.58	-27.72	-39.58	7.89
33541	78.89	-7.25	13.78	-128.52	-211.53	-2474.60	38.35	639.04	-263.77
33542	79.77	-7.25	13.78	-156.42	-189.55	-2191.96	22.01	604.44	-245.94
33543	80.65	-7.25	13.78	-154.04	-167.97	-1973.95	12.39	571.66	-233.31
33544	81.52	-7.26	13.78	-109.49	-139.34	-1770.22	-3.09	568.32	-232.29
33545	82.40	-7.26	13.78	-107.46	-130.21	-1553.68	-6.34	584.70	-237.71
33546	83.28	-7.26	13.78	-161.19	-129.03	-1301.00	-1.20	585.46	-238.01
33547	84.16	-7.26	13.78	-184.65	-117.30	-1045.01	8.69	527.98	-223.33
33548	85.04	-7.26	13.78	-169.92	-106.91	-825.23	9.88	459.92	-205.72
33549	85.92	-7.26	13.78	-184.89	-108.11	-631.93	20.25	391.52	-185.68
33550	86.79	-7.27	13.78	-174.83	-101.02	-463.18	21.81	303.49	-156.14
33551	87.67	-7.27	13.78	-150.21	-92.05	-332.89	16.83	218.04	-126.08
33552	88.55	-7.27	13.78	-118.07	-82.12	-231.92	7.99	143.68	-99.43
33553	89.43	-7.27	13.78	-84.14	-72.22	-148.89	-1.62	83.22	-77.75
33554	90.31	-7.27	13.78	-52.24	-62.89	-72.71	-9.81	35.91	-60.48
33555	91.18	-7.27	13.78	-24.75	-54.42	6.34	-15.23	-1.27	-45.69
33556	92.06	-7.28	13.78	-3.20	-46.54	96.22	-17.20	-33.46	-30.30
33557	78.91	-6.15	13.78	-144.11	-176.07	-2496.05	13.76	659.87	-193.08
33558	79.82	-6.16	13.78	-164.56	-168.24	-2212.38	0.24	621.34	-186.88
33559	80.73	-6.16	13.78	-164.85	-165.48	-1987.22	-2.50	587.43	-177.62
33560	81.64	-6.16	13.78	-130.89	-147.38	-1781.00	-18.09	571.41	-167.07
33561	82.55	-6.17	13.78	-114.96	-131.15	-1563.05	-37.21	582.32	-171.07

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
33562	83.46	-6.17	13.78	-153.75	-135.11	-1316.71	-26.10	579.89	-183.71
33563	84.37	-6.17	13.78	-177.42	-138.78	-1062.38	-7.73	535.11	-184.86
33564	85.28	-6.18	13.78	-176.34	-129.80	-834.48	-3.52	468.37	-171.61
33565	86.19	-6.18	13.78	-178.63	-121.07	-635.54	4.34	397.28	-155.20
33566	87.10	-6.18	13.78	-174.57	-113.77	-464.10	11.16	313.06	-132.89
33567	88.01	-6.19	13.78	-152.27	-103.44	-328.05	9.27	225.32	-106.06
33568	88.92	-6.19	13.78	-119.71	-92.41	-224.31	2.65	147.80	-81.97
33569	89.83	-6.20	13.78	-84.43	-81.50	-140.63	-5.20	85.27	-62.46
33570	90.74	-6.20	13.78	-51.31	-70.94	-64.45	-11.96	37.23	-47.11
33571	91.65	-6.20	13.78	-23.36	-60.84	15.30	-16.21	0.33	-34.10
33572	92.56	-6.21	13.78	-2.44	-51.56	107.87	-17.26	-31.30	-20.29
33573	78.92	-5.05	13.78	-159.23	-147.58	-2481.40	-17.97	654.56	-39.62
33574	79.86	-5.06	13.78	-162.34	-133.13	-2210.31	-38.01	617.81	-50.33
33575	80.79	-5.06	13.78	-154.43	-130.22	-1978.33	-38.12	590.26	-58.62
33576	81.73	-5.06	13.78	-140.32	-138.56	-1764.08	-42.33	569.60	-64.75
33577	82.67	-5.07	13.78	-127.78	-139.91	-1546.27	-59.00	565.14	-84.36
33578	83.60	-5.07	13.78	-139.80	-143.15	-1317.89	-61.27	553.46	-114.23
33579	84.54	-5.07	13.78	-151.93	-148.82	-1080.05	-42.87	527.42	-135.75
33580	85.48	-5.08	13.78	-175.53	-147.77	-850.40	-20.35	473.46	-139.51
33581	86.41	-5.08	13.78	-167.06	-136.32	-643.97	-6.61	401.56	-127.86
33582	87.35	-5.08	13.78	-172.10	-127.23	-468.72	2.83	322.77	-108.73
33583	88.29	-5.09	13.78	-152.92	-114.85	-326.14	3.42	232.78	-85.38
33584	89.22	-5.09	13.78	-120.45	-102.36	-219.54	-1.11	152.32	-63.99
33585	90.16	-5.09	13.78	-84.18	-90.25	-135.14	-7.24	87.80	-46.51
33586	91.10	-5.10	13.78	-50.10	-78.45	-58.94	-12.69	38.99	-32.67
33587	92.03	-5.10	13.78	-21.78	-66.96	21.41	-16.10	2.29	-20.92
33588	92.97	-5.10	13.78	-1.39	-55.78	116.61	-17.01	-28.74	-8.67
33589	78.93	-3.95	13.78	-167.77	-191.45	-2353.05	-42.44	628.52	136.49
33590	79.89	-3.95	13.78	-161.36	-178.25	-2107.05	-59.06	591.35	113.52
33591	80.85	-3.95	13.78	-148.34	-173.65	-1888.22	-74.42	561.90	83.35
33592	81.80	-3.96	13.78	-139.75	-182.73	-1685.95	-89.89	537.88	45.39
33593	82.76	-3.96	13.78	-132.40	-192.83	-1494.54	-96.76	518.89	-2.93
33594	83.72	-3.96	13.78	-123.86	-187.78	-1299.54	-85.25	508.44	-52.48
33595	84.68	-3.96	13.78	-119.10	-174.80	-1088.30	-62.09	498.72	-89.19
33596	85.64	-3.96	13.78	-152.89	-169.84	-870.09	-33.74	468.00	-104.79
33597	86.60	-3.96	13.78	-154.32	-155.29	-659.04	-14.53	407.70	-100.47
33598	87.55	-3.96	13.78	-168.09	-141.98	-475.98	-2.32	332.33	-85.32
33599	88.51	-3.97	13.78	-152.69	-126.34	-327.29	0.16	240.57	-65.00
33600	89.47	-3.97	13.78	-120.86	-111.67	-217.84	-2.76	157.45	-45.98
33601	90.43	-3.97	13.78	-83.97	-98.05	-132.52	-7.52	90.95	-30.20
33602	91.39	-3.97	13.78	-49.07	-84.98	-56.08	-11.97	41.17	-17.49
33603	92.34	-3.97	13.78	-20.36	-72.13	24.95	-15.02	4.31	-6.64
33604	93.30	-3.97	13.78	-0.37	-59.28	122.36	-16.28	-26.68	4.39
33605	78.90	-7.25	12.09	115.47	-98.56	-2303.11	46.09	495.37	-331.52
33606	79.81	-7.25	12.09	63.68	-98.28	-2081.16	33.23	520.05	-307.04
33607	80.72	-7.25	12.09	29.50	-96.29	-1860.41	22.13	527.51	-290.67
33608	81.63	-7.26	12.09	-3.19	-96.39	-1645.44	16.72	523.51	-277.97
33609	82.53	-7.26	12.09	-28.43	-95.08	-1435.28	14.06	508.37	-266.32
33610	83.44	-7.26	12.09	-48.09	-95.21	-1231.74	15.31	484.70	-254.26
33611	84.35	-7.26	12.09	-71.65	-97.82	-1033.72	18.16	452.43	-240.23
33612	85.26	-7.26	12.09	-92.49	-97.86	-846.56	22.48	403.66	-221.18
33613	86.17	-7.26	12.09	-97.28	-93.87	-679.37	23.01	344.79	-198.37
33614	87.07	-7.26	12.09	-97.87	-89.87	-533.88	22.42	284.17	-174.53
33615	87.98	-7.27	12.09	-90.12	-83.88	-407.13	19.19	222.50	-149.91
33616	88.89	-7.27	12.09	-75.69	-76.58	-297.59	13.82	164.11	-126.08
33617	89.80	-7.27	12.09	-57.26	-68.55	-200.60	7.37	111.41	-103.69
33618	90.70	-7.27	12.09	-37.59	-60.24	-110.76	0.95	64.68	-82.48
33619	91.61	-7.27	12.09	-18.82	-51.77	-23.41	-4.85	22.17	-61.36
33620	92.52	-7.27	12.09	-2.05	-42.71	63.81	-10.02	-19.55	-38.85
33621	78.92	-6.15	12.09	94.20	-127.26	-2309.99	25.66	527.83	-224.34
33622	79.86	-6.16	12.09	45.18	-123.52	-2081.36	11.74	541.14	-209.37
33623	80.80	-6.16	12.09	15.27	-118.58	-1860.60	-0.04	539.50	-202.30
33624	81.74	-6.16	12.09	-10.88	-117.46	-1647.47	-5.91	532.23	-201.06
33625	82.67	-6.17	12.09	-34.37	-117.97	-1439.06	-6.05	515.74	-200.00
33626	83.61	-6.17	12.09	-52.46	-116.34	-1235.74	-5.91	492.06	-197.65
33627	84.55	-6.17	12.09	-73.56	-114.60	-1037.90	-1.34	459.46	-193.44
33628	85.49	-6.18	12.09	-92.04	-113.00	-849.42	7.14	413.28	-183.70
33629	86.43	-6.18	12.09	-100.72	-108.56	-678.32	12.30	355.57	-167.27
33630	87.37	-6.18	12.09	-100.94	-101.85	-528.41	14.14	293.29	-147.49
33631	88.31	-6.19	12.09	-93.59	-93.95	-398.69	13.27	230.14	-126.51
33632	89.25	-6.19	12.09	-78.83	-84.98	-286.73	9.61	169.85	-105.49
33633	90.18	-6.19	12.09	-59.43	-75.47	-187.97	4.39	115.53	-85.66
33634	91.12	-6.20	12.09	-38.64	-65.81	-96.35	-1.11	67.76	-66.97
33635	92.06	-6.20	12.09	-19.05	-56.12	-6.47	-6.12	24.49	-48.43
33636	93.00	-6.20	12.09	-1.94	-46.62	84.43	-10.57	-18.36	-28.33
33637	78.93	-5.05	12.09	76.64	-161.30	-2279.42	6.96	546.79	-119.76
33638	79.90	-5.05	12.09	31.47	-157.80	-2048.69	-7.21	548.92	-114.25
33639	80.86	-5.06	12.09	3.61	-154.14	-1832.84	-19.95	538.28	-116.68
33640	81.83	-5.06	12.09	-15.54	-149.76	-1628.58	-28.00	525.71	-126.18
33641	82.79	-5.06	12.09	-33.80	-147.41	-1429.59	-27.98	509.74	-137.73
33642	83.76	-5.07	12.09	-50.77	-143.99	-1232.35	-22.52	488.90	-146.31
33643	84.72	-5.07	12.09	-70.49	-138.37	-1039.08	-14.26	458.07	-149.87
33644	85.68	-5.07	12.09	-85.23	-131.78	-853.11	-4.59	416.72	-146.95
33645	86.65	-5.08	12.09	-99.68	-124.42	-680.66	4.18	363.45	-136.88
33646	87.61	-5.08	12.09	-100.81	-114.48	-527.05	8.77	301.27	-121.16
33647	88.58	-5.08	12.09	-95.19	-104.13	-394.55	9.69	237.72	-102.97
33648	89.54	-5.09	12.09	-80.87	-93.15	-280.17	7.28	175.92	-84.30
33649	90.51	-5.09	12.09	-60.98	-82.03	-179.75	2.96	120.13	-66.62
33650	91.47	-5.09	12.09	-39.38	-71.03	-86.61	-1.91	71.32	-50.10
33651	92.44	-5.10	12.09	-19.09	-60.32	5.44	-6.50	27.33	-33.87
33652	93.40	-5.10	12.09	-1.58	-49.90	99.75	-10.81	-16.45	-16.53
33653	78.94	-3.95	12.09	60.54	-219.18	-2205.00	-9.63	551.12	-25.25
33654	79.93	-3.95	12.09	21.40	-211.13	-1979.96	-26.00	541.40	-31.14
33655	80.91	-3.95	12.09	-2.85	-203.85	-1775.90	-36.73	523.23	-44.94
33656	81.90	-3.95	12.09	-16.76	-195.52	-1588.02	-41.76	505.26	-63.86
33657	82.88	-3.96	12.09	-27.43	-185.82	-1406.36	-40.80	490.78	-84.41
33658	83.87	-3.96	12.09	-41.43	-176.61	-1223.39	-34.09	475.43	-102.34
33659	84.86	-3.96	12.09	-61.34	-166.94	-1039.89	-22.54	451.34	-113.38
33660	85.84	-3.96	12.09	-76.15	-153.61	-858.77	-10.22	416.59	-115.57

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
33661	86.83	-3.96	12.09	-94.15	-140.94	-687.00	0.75	369.05	-109.10
33662	87.81	-3.96	12.09	-98.90	-127.08	-530.84	6.90	309.43	-95.97
33663	88.80	-3.96	12.09	-95.94	-113.70	-395.10	8.76	245.89	-79.75
33664	89.78	-3.97	12.09	-82.60	-100.49	-278.11	6.95	182.72	-62.84
33665	90.77	-3.97	12.09	-62.49	-87.76	-175.93	3.05	125.38	-46.89
33666	91.75	-3.97	12.09	-40.18	-75.56	-81.31	-1.58	75.35	-32.19
33667	92.74	-3.97	12.09	-19.21	-63.88	12.66	-6.18	30.45	-18.13
33668	93.73	-3.97	12.09	-1.29	-52.68	109.79	-10.66	-14.53	-3.58
33669	78.92	-7.25	10.41	264.27	-102.36	-2069.82	31.86	363.62	-382.22
33670	79.86	-7.25	10.41	206.13	-102.03	-1890.97	28.26	401.82	-354.39
33671	80.79	-7.25	10.41	153.49	-102.88	-1707.67	25.17	422.01	-331.12
33672	81.73	-7.26	10.41	109.19	-103.81	-1523.98	22.92	427.33	-311.18
33673	82.67	-7.26	10.41	70.40	-105.16	-1343.10	22.38	420.99	-292.84
33674	83.61	-7.26	10.41	36.55	-105.84	-1167.16	22.81	403.67	-274.51
33675	84.54	-7.26	10.41	8.90	-105.24	-999.29	24.02	376.46	-255.14
33676	85.48	-7.26	10.41	-12.72	-103.83	-841.51	24.83	341.78	-234.51
33677	86.42	-7.26	10.41	-29.20	-101.25	-695.41	25.10	300.53	-212.45
33678	87.35	-7.26	10.41	-37.80	-96.78	-562.46	23.61	254.81	-189.34
33679	88.29	-7.27	10.41	-40.42	-91.23	-442.78	20.65	207.83	-166.08
33680	89.23	-7.27	10.41	-37.84	-84.67	-334.67	16.39	161.22	-143.05
33681	90.17	-7.27	10.41	-31.40	-77.33	-236.18	11.20	116.14	-120.42
33682	91.10	-7.27	10.41	-22.55	-69.39	-145.17	5.39	72.78	-98.01
33683	92.04	-7.27	10.41	-12.44	-60.81	-60.10	-0.93	30.44	-75.49
33684	92.98	-7.27	10.41	-1.46	-51.17	19.36	-7.91	-12.23	-52.62
33685	78.93	-6.15	10.41	255.46	-126.44	-2101.09	21.56	398.53	-292.36
33686	79.90	-6.15	10.41	196.13	-125.78	-1912.11	15.26	430.03	-271.91
33687	80.87	-6.16	10.41	144.24	-125.55	-1722.34	10.56	444.73	-257.02
33688	81.84	-6.16	10.41	101.06	-124.77	-1534.94	7.91	445.84	-245.48
33689	82.80	-6.16	10.41	64.25	-123.62	-1351.69	7.48	437.13	-235.70
33690	83.77	-6.17	10.41	31.65	-122.27	-1173.48	9.79	418.89	-225.38
33691	84.74	-6.17	10.41	4.40	-119.91	-1002.45	12.87	391.45	-212.81
33692	85.70	-6.17	10.41	-17.55	-116.16	-841.08	15.57	355.98	-197.91
33693	86.67	-6.18	10.41	-33.66	-111.31	-691.30	17.72	313.81	-180.75
33694	87.64	-6.18	10.41	-42.76	-105.25	-554.67	18.12	266.88	-161.61
33695	88.61	-6.18	10.41	-45.12	-98.11	-431.49	16.53	218.09	-141.47
33696	89.57	-6.19	10.41	-41.92	-90.26	-320.36	13.32	169.66	-121.19
33697	90.54	-6.19	10.41	-34.56	-81.89	-219.02	8.89	122.90	-101.13
33698	91.51	-6.19	10.41	-24.69	-73.16	-125.07	3.68	78.00	-81.28
33699	92.48	-6.20	10.41	-13.61	-64.07	-36.77	-2.08	34.00	-61.34
33700	93.44	-6.20	10.41	-1.72	-54.74	46.09	-8.47	-10.83	-40.81
33701	78.95	-5.05	10.41	246.48	-161.75	-2102.44	11.44	423.37	-209.84
33702	79.94	-5.05	10.41	187.01	-159.22	-1908.72	3.47	447.34	-196.75
33703	80.93	-5.06	10.41	137.35	-156.11	-1718.19	-1.80	456.37	-189.71
33704	81.92	-5.06	10.41	96.26	-152.64	-1532.38	-3.97	454.29	-185.93
33705	82.92	-5.06	10.41	61.60	-148.24	-1351.48	-3.37	444.18	-183.15
33706	83.91	-5.07	10.41	30.72	-143.22	-1175.44	-0.29	426.36	-179.50
33707	84.90	-5.07	10.41	4.05	-137.45	-1004.93	4.43	400.56	-173.18
33708	85.89	-5.07	10.41	-18.94	-130.58	-842.50	9.32	366.17	-163.19
33709	86.89	-5.08	10.41	-35.12	-122.67	-690.66	12.97	324.50	-149.76
33710	87.88	-5.08	10.41	-45.52	-114.22	-551.39	14.73	277.58	-133.77
33711	88.87	-5.08	10.41	-48.26	-105.08	-425.28	14.17	227.75	-116.26
33712	89.86	-5.09	10.41	-45.00	-95.69	-311.51	11.66	177.99	-98.34
33713	90.86	-5.09	10.41	-37.13	-86.17	-207.67	7.72	129.79	-80.59
33714	91.85	-5.09	10.41	-26.49	-76.65	-111.18	2.89	83.48	-63.17
33715	92.84	-5.09	10.41	-14.56	-67.21	-20.08	-2.53	37.97	-45.81
33716	93.83	-5.10	10.41	-1.75	-57.78	65.94	-8.68	-8.67	-28.18
33717	78.96	-3.95	10.41	237.92	-207.18	-2082.40	3.48	439.08	-144.16
33718	79.97	-3.95	10.41	179.26	-202.32	-1888.23	-4.34	455.49	-137.07
33719	80.98	-3.95	10.41	132.38	-195.57	-1701.57	-9.45	459.01	-135.82
33720	81.99	-3.95	10.41	94.35	-187.44	-1521.83	-11.18	454.64	-137.85
33721	83.01	-3.96	10.41	61.88	-178.33	-1347.25	-9.44	444.47	-140.44
33722	84.02	-3.96	10.41	32.73	-168.13	-1176.63	-4.91	428.33	-141.19
33723	85.03	-3.96	10.41	6.71	-157.00	-1009.50	1.03	405.48	-138.50
33724	86.05	-3.96	10.41	-17.31	-145.88	-847.93	7.07	373.96	-131.50
33725	87.06	-3.96	10.41	-34.89	-134.22	-694.91	11.56	334.07	-120.48
33726	88.07	-3.96	10.41	-46.82	-122.78	-553.38	13.93	287.78	-106.51
33727	89.08	-3.96	10.41	-50.59	-111.44	-424.59	13.76	237.47	-90.85
33728	90.10	-3.96	10.41	-47.68	-100.46	-308.24	11.46	186.56	-74.78
33729	91.11	-3.97	10.41	-39.53	-89.85	-202.06	7.64	136.95	-59.04
33730	92.12	-3.97	10.41	-28.22	-79.65	-103.28	2.89	89.20	-43.90
33731	93.13	-3.97	10.41	-15.50	-69.88	-9.75	-2.48	42.19	-29.21
33732	94.15	-3.97	10.41	-1.83	-60.41	78.83	-8.49	-6.34	-14.74
33733	78.93	-7.25	8.72	350.68	-128.25	-1857.36	7.61	246.04	-400.40
33734	79.90	-7.25	8.72	291.76	-127.85	-1715.51	12.10	289.02	-374.53
33735	80.87	-7.25	8.72	237.02	-127.50	-1564.81	15.05	316.40	-350.68
33736	81.83	-7.25	8.72	186.93	-127.18	-1410.43	17.37	330.27	-328.39
33737	82.80	-7.26	8.72	142.42	-126.49	-1256.09	19.36	332.25	-307.05
33738	83.77	-7.26	8.72	103.59	-125.31	-1104.76	21.20	324.13	-286.01
33739	84.73	-7.26	8.72	70.40	-123.41	-958.64	22.59	307.33	-264.77
33740	85.70	-7.26	8.72	43.05	-120.49	-819.69	23.31	283.15	-243.05
33741	86.67	-7.26	8.72	21.80	-116.53	-689.27	22.99	253.31	-220.91
33742	87.63	-7.26	8.72	6.08	-111.71	-568.05	21.61	219.40	-198.53
33743	88.60	-7.26	8.72	-4.16	-105.98	-456.13	19.03	182.81	-176.14
33744	89.57	-7.27	8.72	-9.76	-99.50	-353.18	15.33	144.85	-153.99
33745	90.53	-7.27	8.72	-11.56	-92.34	-258.46	10.67	106.32	-132.19
33746	91.50	-7.27	8.72	-10.35	-84.54	-171.34	5.12	67.57	-110.77
33747	92.47	-7.27	8.72	-6.65	-76.01	-91.52	-1.35	28.58	-89.79
33748	93.43	-7.27	8.72	-0.71	-66.40	-19.23	-8.82	-10.90	-69.60
33749	78.95	-6.15	8.72	354.26	-142.37	-1900.87	4.71	277.22	-331.12
33750	79.94	-6.15	8.72	291.79	-141.81	-1748.71	6.95	317.75	-309.80
33751	80.94	-6.16	8.72	234.88	-140.83	-1589.84	8.47	342.43	-291.19
33752	81.94	-6.16	8.72	183.76	-139.50	-1428.91	10.09	353.94	-274.54
33753	82.93	-6.16	8.72	138.64	-137.63	-1269.06	12.13	354.05	-258.74
33754	83.93	-6.17	8.72	99.46	-135.02	-1112.78	14.35	344.46	-242.93
33755	84.92	-6.17	8.72	65.93	-131.63	-962.01	16.58	326.40	-226.47
33756	85.92	-6.17	8.72	38.27	-127.40	-818.46	18.33	301.00	-208.90
33757	86.92	-6.18	8.72	16.67	-122.28	-683.55	19.01	269.69	-190.28
33758	87.91	-6.18	8.72	1.00	-116.38	-558.10	18.48	234.06	-170.93
33759	88.91	-6.18	8.72	-9.01	-109.83	-442.29	16.61	195.63	-151.22

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
33760	89.90	-6.19	8.72	-14.06	-102.73	-335.70	13.47	155.76	-131.50
33761	90.90	-6.19	8.72	-15.07	-95.18	-237.57	9.24	115.33	-112.01
33762	91.89	-6.19	8.72	-12.94	-87.22	-147.17	4.05	74.65	-92.89
33763	92.89	-6.19	8.72	-8.24	-78.75	-64.23	-2.02	33.53	-74.22
33764	93.89	-6.20	8.72	-1.15	-69.85	10.76	-9.01	-8.46	-56.01
33765	78.96	-5.05	8.72	355.93	-164.01	-1927.47	1.80	302.19	-265.44
33766	79.98	-5.05	8.72	291.13	-162.69	-1768.12	2.51	339.52	-248.90
33767	81.00	-5.06	8.72	233.04	-160.31	-1604.49	3.15	361.31	-235.38
33768	82.02	-5.06	8.72	181.71	-156.96	-1440.46	4.46	370.69	-223.84
33769	83.04	-5.06	8.72	136.63	-152.79	-1278.38	6.69	369.65	-213.02
33770	84.06	-5.07	8.72	97.41	-147.80	-1119.94	9.57	359.58	-201.71
33771	85.08	-5.07	8.72	63.58	-142.07	-966.75	12.58	341.30	-189.14
33772	86.10	-5.07	8.72	35.56	-135.69	-820.32	15.08	315.72	-175.00
33773	87.12	-5.07	8.72	13.27	-128.77	-682.17	16.55	283.88	-159.36
33774	88.14	-5.08	8.72	-2.68	-121.36	-553.35	16.62	247.27	-142.59
33775	89.16	-5.08	8.72	-12.83	-113.69	-434.26	15.22	207.57	-125.22
33776	90.18	-5.08	8.72	-17.63	-105.79	-324.53	12.42	166.18	-107.76
33777	91.20	-5.09	8.72	-18.11	-97.77	-223.42	8.47	124.11	-90.54
33778	92.22	-5.09	8.72	-15.24	-89.63	-130.15	3.57	81.69	-73.78
33779	93.24	-5.09	8.72	-9.62	-81.36	-44.49	-2.17	38.65	-57.53
33780	94.26	-5.10	8.72	-1.36	-72.86	33.03	-8.82	-5.40	-41.93
33781	78.97	-3.95	8.72	356.50	-190.54	-1943.10	-0.35	320.96	-208.96
33782	80.01	-3.95	8.72	290.33	-187.84	-1779.40	-0.29	354.90	-196.89
33783	81.05	-3.95	8.72	231.92	-183.29	-1613.86	0.23	374.08	-187.65
33784	82.09	-3.95	8.72	180.89	-177.23	-1449.45	1.79	381.89	-179.98
33785	83.13	-3.96	8.72	136.28	-169.97	-1287.57	4.41	380.46	-172.58
33786	84.17	-3.96	8.72	97.17	-161.86	-1128.99	7.76	370.87	-164.30
33787	85.21	-3.96	8.72	62.97	-153.22	-974.87	11.26	353.34	-154.35
33788	86.25	-3.96	8.72	34.31	-144.19	-826.66	14.18	328.38	-142.48
33789	87.29	-3.96	8.72	11.17	-135.10	-686.04	15.98	296.71	-128.85
33790	88.33	-3.96	8.72	-5.47	-126.02	-554.35	16.24	259.66	-113.97
33791	89.37	-3.96	8.72	-16.02	-117.12	-432.30	14.93	219.02	-98.49
33792	90.41	-3.96	8.72	-20.80	-108.42	-319.73	12.20	176.32	-83.01
33793	91.45	-3.96	8.72	-20.91	-99.95	-215.95	8.32	132.75	-67.96
33794	92.49	-3.97	8.72	-17.40	-91.70	-120.17	3.56	88.68	-53.57
33795	93.53	-3.97	8.72	-10.94	-83.61	-32.16	-1.98	43.87	-39.97
33796	94.57	-3.97	8.72	-1.64	-75.52	47.37	-8.25	-2.22	-27.33
33797	78.95	-7.25	7.03	393.41	-154.59	-1676.31	-17.34	146.98	-394.55
33798	79.94	-7.25	7.03	337.70	-153.23	-1560.63	-7.71	190.23	-372.47
33799	80.94	-7.25	7.03	283.86	-151.74	-1435.11	-0.21	221.41	-350.65
33800	81.94	-7.25	7.03	233.54	-149.99	-1304.13	5.64	241.11	-329.20
33801	82.93	-7.26	7.03	187.60	-147.89	-1171.28	10.23	250.38	-308.04
33802	83.93	-7.26	7.03	146.61	-145.30	-1039.38	13.69	250.33	-286.98
33803	84.93	-7.26	7.03	110.88	-142.11	-910.66	16.09	242.16	-265.90
33804	85.92	-7.26	7.03	80.54	-138.26	-786.80	17.37	227.11	-244.73
33805	86.92	-7.26	7.03	55.51	-133.71	-669.00	17.53	206.38	-223.52
33806	87.91	-7.26	7.03	35.68	-128.48	-558.05	16.52	181.17	-202.39
33807	88.91	-7.26	7.03	20.63	-122.65	-454.30	14.39	152.63	-181.52
33808	89.91	-7.26	7.03	9.88	-116.24	-357.83	11.18	121.64	-161.06
33809	90.90	-7.27	7.03	2.88	-109.28	-268.59	6.98	88.97	-141.15
33810	91.90	-7.27	7.03	-0.88	-101.76	-186.53	1.85	55.20	-121.96
33811	92.90	-7.27	7.03	-1.76	-93.66	-111.84	-4.19	20.85	-103.77
33812	93.89	-7.27	7.03	0.25	-84.70	-45.01	-11.15	-13.81	-87.16
33813	78.96	-6.15	7.03	405.65	-159.61	-1721.58	-15.05	172.39	-339.54
33814	79.99	-6.15	7.03	345.39	-158.42	-1597.09	-7.26	215.94	-320.25
33815	81.01	-6.16	7.03	288.08	-156.78	-1463.49	-1.12	246.64	-301.72
33816	82.04	-6.16	7.03	235.16	-154.64	-1325.27	3.88	265.49	-283.82
33817	83.06	-6.16	7.03	187.31	-151.99	-1185.88	8.02	273.74	-266.25
33818	84.08	-6.17	7.03	144.86	-148.77	-1047.96	11.42	272.58	-248.65
33819	85.11	-6.17	7.03	108.03	-144.96	-913.61	13.98	263.20	-230.76
33820	86.13	-6.17	7.03	76.87	-140.53	-784.48	15.56	246.77	-212.50
33821	87.16	-6.17	7.03	51.34	-135.54	-661.75	16.06	224.48	-193.91
33822	88.18	-6.18	7.03	31.28	-130.03	-546.21	15.37	197.55	-175.14
33823	89.21	-6.18	7.03	16.32	-124.06	-438.25	13.51	167.12	-156.44
33824	90.23	-6.18	7.03	5.93	-117.67	-337.93	10.54	134.20	-138.02
33825	91.26	-6.19	7.03	-0.47	-110.89	-245.18	6.54	99.54	-120.09
33826	92.28	-6.19	7.03	-3.45	-103.69	-159.97	1.62	63.71	-102.88
33827	93.31	-6.19	7.03	-3.40	-96.02	-82.60	-4.15	27.15	-86.69
33828	94.33	-6.19	7.03	-0.24	-87.94	-13.79	-10.73	-9.98	-71.66
33829	78.97	-5.05	7.03	415.38	-168.88	-1758.54	-12.81	193.84	-284.70
33830	80.02	-5.05	7.03	351.45	-167.53	-1627.01	-6.59	237.10	-268.61
33831	81.07	-5.06	7.03	291.51	-165.27	-1487.40	-1.53	267.10	-253.51
33832	82.12	-5.06	7.03	236.68	-162.20	-1344.05	2.83	285.19	-239.07
33833	83.17	-5.06	7.03	187.44	-158.41	-1200.11	6.68	292.77	-224.83
33834	84.21	-5.06	7.03	143.89	-154.00	-1057.96	10.03	291.03	-210.35
33835	85.26	-5.07	7.03	106.14	-149.03	-919.50	12.72	281.05	-195.32
33836	86.31	-5.07	7.03	74.17	-143.61	-786.30	14.51	263.86	-179.63
33837	87.36	-5.07	7.03	48.07	-137.82	-659.57	15.21	240.59	-163.36
33838	88.41	-5.08	7.03	27.64	-131.74	-540.19	14.72	212.42	-146.76
33839	89.46	-5.08	7.03	12.62	-125.44	-428.59	13.01	180.53	-130.12
33840	90.50	-5.08	7.03	2.44	-118.95	-324.90	10.19	145.99	-113.74
33841	91.55	-5.08	7.03	-3.50	-112.27	-229.05	6.37	109.59	-97.89
33842	92.60	-5.09	7.03	-5.81	-105.38	-141.07	1.68	71.90	-82.80
33843	93.65	-5.09	7.03	-4.86	-98.27	-61.33	-3.76	33.35	-68.71
33844	94.70	-5.09	7.03	-0.53	-90.80	9.41	-9.98	-5.73	-55.88
33845	78.98	-3.95	7.03	423.03	-180.63	-1789.99	-10.32	211.02	-233.16
33846	80.05	-3.95	7.03	356.31	-178.87	-1653.21	-5.20	253.81	-220.36
33847	81.12	-3.95	7.03	294.45	-175.67	-1509.45	-0.85	283.18	-208.41
33848	82.19	-3.95	7.03	238.30	-171.28	-1362.74	3.09	300.81	-196.92
33849	83.25	-3.96	7.03	188.05	-165.97	-1215.86	6.75	308.18	-185.38
33850	84.32	-3.96	7.03	143.63	-159.99	-1070.85	10.04	306.40	-173.31
33851	85.39	-3.96	7.03	105.05	-153.55	-929.38	12.71	296.39	-160.46
33852	86.45	-3.96	7.03	72.26	-146.88	-792.97	14.51	278.98	-146.75
33853	87.52	-3.96	7.03	45.48	-140.09	-662.91	15.19	255.17	-132.37
33854	88.59	-3.96	7.03	24.56	-133.33	-540.20	14.67	226.13	-117.60
33855	89.65	-3.96	7.03	9.34	-126.63	-425.39	12.95	193.07	-102.83
33856	90.72	-3.96	7.03	-0.75	-120.01	-318.71	10.15	157.12	-88.41
33857	91.79	-3.96	7.03	-6.33	-113.44	-220.15	6.43	119.16	-74.64
33858	92.86	-3.97	7.03	-8.03	-106.87	-129.78	1.96	79.78	-61.77

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
33859	93.92	-3.97	7.03	-6.26	-100.24	-48.03	-3.16	39.45	-50.04
33860	94.99	-3.97	7.03	-0.92	-93.37	24.19	-8.87	-1.54	-39.73
33861	78.96	-7.25	5.34	405.42	-174.32	-1520.43	-38.45	63.01	-372.37
33862	79.99	-7.25	5.34	353.01	-172.19	-1422.68	-25.90	105.50	-354.41
33863	81.01	-7.25	5.34	302.03	-169.82	-1315.57	-15.65	138.72	-335.80
33864	82.04	-7.25	5.34	253.69	-167.20	-1202.57	-7.41	162.57	-316.82
33865	83.07	-7.26	5.34	208.96	-164.28	-1086.71	-0.91	177.42	-297.65
33866	84.09	-7.26	5.34	168.45	-161.01	-970.50	4.02	183.91	-278.35
33867	85.12	-7.26	5.34	132.57	-157.34	-855.98	7.49	182.85	-259.01
33868	86.14	-7.26	5.34	101.47	-153.21	-744.73	9.58	175.16	-239.68
33869	87.17	-7.26	5.34	75.17	-148.60	-637.92	10.36	161.75	-220.50
33870	88.19	-7.26	5.34	53.51	-143.53	-536.37	9.90	143.57	-201.57
33871	89.22	-7.26	5.34	36.23	-137.99	-440.58	8.27	121.51	-183.05
33872	90.25	-7.26	5.34	22.93	-131.98	-350.87	5.54	96.37	-165.10
33873	91.27	-7.26	5.34	13.21	-125.47	-267.40	1.82	68.91	-147.86
33874	92.30	-7.27	5.34	6.69	-118.43	-190.31	-2.80	39.84	-131.48
33875	93.32	-7.27	5.34	3.11	-110.85	-119.70	-8.20	9.98	-116.27
33876	94.35	-7.27	5.34	2.12	-102.84	-56.62	-14.14	-19.33	-103.17
33877	78.98	-6.15	5.34	422.78	-172.25	-1561.61	-32.73	82.64	-326.60
33878	80.03	-6.15	5.34	365.69	-170.38	-1456.83	-21.78	126.89	-310.49
33879	81.08	-6.16	5.34	310.75	-168.13	-1342.67	-12.81	161.04	-294.01
33880	82.14	-6.16	5.34	259.17	-165.53	-1222.84	-5.53	185.19	-277.33
33881	83.19	-6.16	5.34	211.83	-162.57	-1100.48	0.29	199.85	-260.50
33882	84.24	-6.16	5.34	169.27	-159.26	-978.12	4.78	205.79	-243.50
33883	85.30	-6.17	5.34	131.78	-155.57	-857.81	8.00	203.87	-226.34
33884	86.35	-6.17	5.34	99.49	-151.52	-741.14	9.98	195.03	-209.06
33885	87.40	-6.17	5.34	72.38	-147.10	-629.28	10.72	180.24	-191.78
33886	88.45	-6.18	5.34	50.27	-142.33	-523.07	10.26	160.47	-174.63
33887	89.51	-6.18	5.34	32.85	-137.22	-423.04	8.66	136.66	-157.82
33888	90.56	-6.18	5.34	19.69	-131.75	-329.50	5.99	109.67	-141.51
33889	91.61	-6.18	5.34	10.36	-125.88	-242.65	2.36	80.31	-125.91
33890	92.67	-6.19	5.34	4.44	-119.56	-162.68	-2.12	49.32	-111.23
33891	93.72	-6.19	5.34	1.65	-112.72	-89.82	-7.31	17.41	-97.76
33892	94.77	-6.19	5.34	1.65	-105.70	-25.36	-12.96	-14.14	-85.92
33893	78.99	-5.05	5.34	437.25	-172.73	-1599.50	-26.90	99.57	-279.32
33894	80.06	-5.05	5.34	376.21	-170.98	-1488.75	-17.55	145.19	-265.44
33895	81.14	-5.06	5.34	317.98	-168.63	-1368.79	-9.85	180.06	-251.33
33896	82.22	-5.06	5.34	263.75	-165.76	-1243.46	-3.50	204.48	-237.06
33897	83.29	-5.06	5.34	214.27	-162.45	-1115.89	1.66	219.11	-222.58
33898	84.37	-5.06	5.34	169.98	-158.76	-988.59	5.71	224.76	-207.83
33899	85.44	-5.07	5.34	131.11	-154.75	-863.55	8.64	222.32	-192.77
33900	86.52	-5.07	5.34	97.77	-150.49	-742.35	10.44	212.70	-177.46
33901	87.60	-5.07	5.34	69.89	-146.01	-626.19	11.08	196.88	-162.02
33902	88.67	-5.07	5.34	47.32	-141.35	-515.96	10.56	175.86	-146.64
33903	89.75	-5.08	5.34	29.72	-136.51	-412.21	8.95	150.60	-131.54
33904	90.82	-5.08	5.34	16.66	-131.47	-315.28	6.34	122.04	-116.95
33905	91.90	-5.08	5.34	7.65	-126.18	-225.43	2.84	91.00	-103.11
33906	92.98	-5.08	5.34	2.28	-120.54	-142.91	-1.40	58.24	-90.22
33907	94.05	-5.09	5.34	0.28	-114.53	-68.08	-6.25	24.51	-78.53
33908	95.13	-5.09	5.34	1.32	-108.23	-2.18	-11.55	-8.72	-68.48
33909	79.00	-3.95	5.34	449.02	-174.90	-1634.91	-20.92	113.50	-232.20
33910	80.09	-3.95	5.34	384.79	-173.16	-1519.36	-13.08	160.26	-220.78
33911	81.19	-3.95	5.34	323.94	-170.54	-1394.85	-6.53	195.80	-209.07
33912	82.28	-3.95	5.34	267.60	-167.21	-1265.25	-1.04	220.62	-197.09
33913	83.37	-3.95	5.34	216.39	-163.32	-1133.62	3.48	235.45	-184.76
33914	84.47	-3.96	5.34	170.67	-159.05	-1002.39	7.05	241.12	-172.00
33915	85.56	-3.96	5.34	130.60	-154.55	-873.50	9.63	238.48	-158.79
33916	86.66	-3.96	5.34	96.28	-149.91	-748.52	11.14	228.43	-145.23
33917	87.75	-3.96	5.34	67.66	-145.25	-628.71	11.56	211.90	-131.47
33918	88.85	-3.96	5.34	44.60	-140.59	-514.99	10.88	189.90	-117.75
33919	89.94	-3.96	5.34	26.78	-135.94	-408.00	9.20	163.45	-104.35
33920	91.04	-3.96	5.34	13.77	-131.26	-308.13	6.61	133.52	-91.51
33921	92.13	-3.96	5.34	5.05	-126.48	-215.70	3.26	100.99	-79.48
33922	93.22	-3.96	5.34	0.20	-121.48	-131.03	-0.69	66.66	-68.50
33923	94.32	-3.97	5.34	-1.07	-116.16	-54.52	-5.12	31.34	-58.77
33924	95.41	-3.97	5.34	0.88	-110.56	12.46	-9.89	-3.55	-50.74
33925	66.62	-8.70	17.16	-92.25	-156.59	52.28	144.48	40.46	53.66
33926	67.38	-8.70	17.16	-102.64	-137.42	-22.18	174.71	33.18	49.56
33927	68.15	-8.70	17.16	-133.93	-124.13	-63.45	193.39	4.92	28.23
33928	68.91	-8.70	17.16	-196.27	-123.20	-96.04	196.09	-43.15	-7.52
33929	69.67	-8.70	17.16	-300.95	-141.72	-138.55	176.81	-113.69	-59.08
33930	70.44	-8.70	17.16	-462.98	-191.99	-211.42	127.02	-217.64	-134.11
33931	71.20	-8.70	17.16	-714.48	-279.67	-344.66	37.00	-387.83	-232.78
33932	71.96	-8.70	17.16	-1148.03	-454.76	-638.42	-145.11	-747.42	-422.86
33933	72.73	-8.70	17.16	-1875.96	-817.25	-1461.59	-534.58	-1561.33	-864.12
33934	73.49	-8.70	17.16	-3015.75	-2267.43	-4629.46	-1390.19	-3261.47	-3140.37
33935	74.25	-8.70	17.16	-2175.36	-2241.33	-7914.82	-663.65	-1573.54	-2669.59
33936	75.02	-8.70	17.16	-994.49	-1053.98	-7421.73	158.47	123.50	-485.76
33937	75.78	-8.70	17.16	-856.35	-848.89	-6030.84	30.53	430.88	-304.69
33938	76.54	-8.70	17.16	-700.90	-820.25	-5345.28	52.10	652.63	-262.09
33939	77.31	-8.70	17.16	-1109.40	-608.84	-3508.68	40.90	1999.68	-63.47
33940	78.07	-8.70	17.16	-429.37	-167.47	-1241.88	-5.89	727.01	27.10
33941	66.22	-8.10	17.16	-74.43	-164.91	50.90	137.62	41.31	51.29
33942	67.01	-8.10	17.16	-80.95	-151.18	-22.69	169.89	35.24	46.30
33943	67.80	-8.10	17.16	-110.45	-141.91	-61.63	190.70	5.40	25.28
33944	68.59	-8.10	17.16	-174.74	-145.11	-93.61	195.60	-45.55	-9.88
33945	69.38	-8.10	17.16	-288.77	-169.46	-138.04	176.39	-123.44	-64.09
33946	70.17	-8.10	17.16	-469.96	-228.06	-218.54	120.77	-242.15	-149.89
33947	70.96	-8.10	17.16	-740.17	-347.17	-376.19	18.84	-423.51	-285.03
33948	71.75	-8.10	17.16	-1156.65	-484.53	-657.01	-113.85	-728.13	-395.95
33949	72.53	-8.10	17.16	-2074.05	-812.60	-1488.82	-442.55	-1653.55	-772.29
33950	73.32	-8.10	17.16	-3939.00	-1835.91	-6142.49	-1034.43	-4560.83	-1717.18
33951	74.11	-8.10	17.16	-1178.87	-1339.12	-9467.84	172.84	-400.01	-701.89
33952	74.90	-8.10	17.16	-972.83	-967.26	-6517.55	155.65	844.55	435.49
33953	75.69	-8.10	17.16	-803.72	-812.34	-5094.53	-33.04	-103.26	399.93
33954	76.48	-8.10	17.16	-660.13	-857.58	-5326.76	2.86	656.01	-221.63
33955	77.27	-8.10	17.16	-1150.02	-625.38	-3472.53	48.63	2079.84	-77.76
33956	78.06	-8.10	17.16	-437.88	-143.40	-1145.75	-7.23	794.20	-51.90
33957	66.14	-8.70	15.47	-52.94	-5.89	68.19	21.57	-41.46	62.65



Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
33958	66.93	-8.70	15.47	-131.63	-35.90	-95.64	3.06	-102.51	4.49
33959	67.72	-8.70	15.47	-225.42	-76.26	-219.08	-33.71	-181.81	-61.16
33960	68.52	-8.70	15.47	-333.90	-128.65	-336.56	-86.47	-292.68	-146.46
33961	69.31	-8.70	15.47	-454.25	-196.08	-482.43	-151.01	-443.51	-260.35
33962	70.11	-8.70	15.47	-583.15	-281.74	-696.52	-221.15	-643.28	-412.21
33963	70.90	-8.70	15.47	-715.06	-385.88	-1037.92	-286.85	-907.14	-609.98
33964	71.70	-8.70	15.47	-810.55	-482.78	-1618.54	-325.24	-1245.99	-851.82
33965	72.49	-8.70	15.47	-733.33	-546.59	-2626.78	-299.28	-1582.36	-1149.04
33966	73.29	-8.70	15.47	-96.86	-268.43	-3688.51	71.25	-1362.49	-987.37
33967	74.08	-8.70	15.47	182.85	-131.32	-4436.55	406.85	-895.05	-805.98
33968	74.87	-8.70	15.47	-55.34	-326.63	-4843.69	245.37	-220.18	-655.42
33969	75.67	-8.70	15.47	-154.74	-335.21	-4654.10	151.24	303.29	-395.60
33970	76.46	-8.70	15.47	-150.84	-351.78	-4084.08	146.63	699.83	-279.21
33971	77.26	-8.70	15.47	-256.39	-391.64	-3462.95	157.86	797.36	-138.59
33972	78.05	-8.70	15.47	-647.59	-471.31	-2900.37	85.20	873.25	0.31
33973	65.75	-8.10	15.47	-50.33	-9.52	72.00	22.90	-35.28	62.71
33974	66.57	-8.10	15.47	-132.29	-40.33	-91.65	5.99	-97.11	8.20
33975	67.39	-8.10	15.47	-232.88	-79.47	-212.76	-29.72	-180.48	-55.11
33976	68.21	-8.10	15.47	-350.62	-130.30	-330.37	-82.90	-299.88	-139.16
33977	69.03	-8.10	15.47	-483.06	-198.27	-482.92	-151.56	-466.56	-255.61
33978	69.85	-8.10	15.47	-622.05	-290.32	-717.15	-228.14	-690.03	-417.31
33979	70.67	-8.10	15.47	-753.13	-405.38	-1095.30	-291.11	-975.98	-628.39
33980	71.49	-8.10	15.47	-861.39	-544.76	-1733.68	-315.06	-1336.10	-886.41
33981	72.31	-8.10	15.47	-781.72	-589.76	-2859.81	-218.19	-1703.57	-1101.12
33982	73.13	-8.10	15.47	216.20	-274.99	-3801.04	132.72	-1192.46	-1056.30
33983	73.94	-8.10	15.47	94.16	-292.25	-4492.69	232.48	-868.76	-917.42
33984	74.76	-8.10	15.47	-170.50	-429.54	-4986.24	248.78	-77.60	-605.28
33985	75.58	-8.10	15.47	-244.53	-465.77	-4614.04	92.01	451.47	-357.71
33986	76.40	-8.10	15.47	-119.57	-415.60	-3938.08	86.12	717.31	-205.67
33987	77.22	-8.10	15.47	-233.86	-425.45	-3303.13	91.61	880.74	-163.23
33988	78.04	-8.10	15.47	-665.54	-474.70	-2646.44	53.82	922.19	-93.24
33989	65.65	-8.70	13.78	-22.41	76.85	-125.92	-52.74	-137.61	24.89
33990	66.48	-8.70	13.78	-79.19	35.94	-275.42	-83.89	-238.02	-74.87
33991	67.30	-8.70	13.78	-137.25	-9.28	-431.93	-121.56	-338.49	-169.13
33992	68.13	-8.70	13.78	-191.39	-58.83	-606.38	-163.77	-451.96	-269.90
33993	68.96	-8.70	13.78	-233.19	-111.58	-819.44	-204.08	-582.02	-384.43
33994	69.78	-8.70	13.78	-249.45	-165.71	-1095.85	-233.21	-723.44	-516.23
33995	70.61	-8.70	13.78	-221.85	-213.52	-1459.43	-237.22	-858.67	-660.04
33996	71.43	-8.70	13.78	-127.38	-244.49	-1915.41	-200.66	-941.22	-794.69
33997	72.26	-8.70	13.78	39.03	-230.46	-2383.95	-103.89	-893.84	-857.59
33998	73.08	-8.70	13.78	113.60	-240.59	-2818.08	-43.22	-773.68	-907.67
33999	73.91	-8.70	13.78	208.90	-216.64	-3187.50	-19.19	-573.72	-905.86
34000	74.73	-8.70	13.78	317.29	-132.02	-3418.74	113.30	-294.27	-833.86
34001	75.56	-8.70	13.78	281.72	-121.42	-3470.61	164.96	44.76	-707.38
34002	76.39	-8.70	13.78	153.14	-114.87	-3322.85	152.33	303.27	-562.73
34003	77.21	-8.70	13.78	34.36	-108.44	-3061.96	123.97	461.88	-470.16
34004	78.04	-8.70	13.78	-8.15	-89.60	-2780.65	100.39	521.79	-412.18
34005	65.28	-8.10	13.78	-27.82	76.54	-107.94	-46.39	-131.15	28.44
34006	66.13	-8.10	13.78	-89.33	36.51	-259.73	-76.84	-234.90	-65.79
34007	66.98	-8.10	13.78	-154.07	-7.90	-418.23	-114.55	-340.50	-156.36
34008	67.83	-8.10	13.78	-215.49	-56.67	-597.38	-157.59	-462.43	-254.53
34009	68.68	-8.10	13.78	-263.40	-109.52	-821.33	-199.79	-605.93	-368.85
34010	69.53	-8.10	13.78	-281.93	-164.08	-1118.69	-230.25	-764.46	-501.81
34011	70.38	-8.10	13.78	-250.81	-215.14	-1518.03	-234.27	-916.28	-647.44
34012	71.23	-8.10	13.78	-138.53	-244.57	-2026.93	-191.23	-1007.42	-781.73
34013	72.08	-8.10	13.78	66.82	-249.02	-2533.12	-98.81	-926.72	-861.46
34014	72.93	-8.10	13.78	64.50	-289.94	-3006.97	-21.73	-810.80	-869.57
34015	73.78	-8.10	13.78	241.41	-231.60	-3374.09	69.71	-565.89	-806.39
34016	74.63	-8.10	13.78	350.68	-165.39	-3575.60	130.49	-261.51	-720.49
34017	75.48	-8.10	13.78	283.06	-158.60	-3592.54	175.89	115.82	-594.54
34018	76.33	-8.10	13.78	121.04	-173.68	-3377.81	142.79	384.96	-475.79
34019	77.18	-8.10	13.78	6.76	-177.81	-3067.47	110.75	510.78	-384.28
34020	78.03	-8.10	13.78	-38.59	-172.48	-2775.38	83.41	559.98	-328.51
34021	65.17	-8.70	12.09	-1.08	106.22	-397.70	-93.40	-182.02	-30.82
34022	66.03	-8.70	12.09	-22.89	62.71	-490.55	-130.15	-275.91	-133.34
34023	66.88	-8.70	12.09	-31.77	21.29	-623.86	-162.09	-365.53	-229.09
34024	67.74	-8.70	12.09	-29.76	-18.75	-793.09	-189.60	-455.40	-323.17
34025	68.60	-8.70	12.09	-13.26	-56.03	-998.92	-208.97	-542.65	-417.74
34026	69.45	-8.70	12.09	23.50	-89.34	-1243.20	-215.76	-618.76	-512.89
34027	70.31	-8.70	12.09	83.90	-115.49	-1521.24	-205.59	-669.69	-603.84
34028	71.17	-8.70	12.09	162.41	-131.72	-1816.67	-177.35	-677.99	-680.29
34029	72.02	-8.70	12.09	237.06	-143.33	-2113.78	-141.40	-641.91	-743.83
34030	72.88	-8.70	12.09	323.72	-136.26	-2384.07	-86.49	-547.57	-775.62
34031	73.74	-8.70	12.09	382.00	-122.73	-2592.31	-16.23	-399.33	-770.86
34032	74.59	-8.70	12.09	397.14	-115.77	-2718.92	17.49	-223.98	-741.40
34033	75.45	-8.70	12.09	388.44	-93.05	-2757.28	53.30	-45.85	-699.73
34034	76.31	-8.70	12.09	348.46	-78.89	-2714.12	77.04	125.77	-645.73
34035	77.16	-8.70	12.09	283.53	-71.25	-2596.16	82.92	268.04	-582.56
34036	78.02	-8.70	12.09	206.97	-70.25	-2425.00	78.50	371.19	-525.60
34037	64.81	-8.10	12.09	-9.79	108.11	-369.15	-85.24	-177.87	-23.61
34038	65.69	-8.10	12.09	-35.44	66.42	-462.60	-122.21	-275.53	-122.36
34039	66.57	-8.10	12.09	-47.41	25.59	-599.95	-154.48	-369.69	-215.26
34040	67.45	-8.10	12.09	-48.39	-14.37	-777.16	-182.69	-465.69	-306.75
34041	68.33	-8.10	12.09	-32.74	-52.12	-995.53	-203.00	-561.39	-399.70
34042	69.21	-8.10	12.09	5.90	-85.92	-1258.20	-210.39	-647.34	-493.69
34043	70.09	-8.10	12.09	72.17	-112.12	-1560.86	-199.64	-705.50	-582.93
34044	70.97	-8.10	12.09	159.91	-129.15	-1882.10	-170.38	-714.44	-657.15
34045	71.85	-8.10	12.09	236.98	-137.71	-2207.27	-128.42	-679.16	-710.38
34046	72.73	-8.10	12.09	351.03	-126.25	-2500.50	-71.66	-569.53	-739.48
34047	73.61	-8.10	12.09	395.98	-126.78	-2724.72	-16.30	-401.98	-737.55
34048	74.49	-8.10	12.09	408.50	-119.82	-2849.17	33.04	-208.61	-699.24
34049	75.37	-8.10	12.09	397.76	-101.60	-2875.42	61.68	-19.41	-642.61
34050	76.25	-8.10	12.09	350.36	-89.11	-2816.02	81.57	162.49	-577.14
34051	77.13	-8.10	12.09	274.10	-83.03	-2675.39	80.77	309.28	-514.81
34052	78.01	-8.10	12.09	195.26	-79.50	-2482.04	72.01	407.09	-462.45
34053	64.69	-8.70	10.41	18.11	116.87	-616.26	-123.95	-185.18	-98.30
34054	65.57	-8.70	10.41	38.73	72.95	-663.26	-161.75	-242.37	-184.70
34055	66.46	-8.70	10.41	65.35	30.54	-764.15	-192.17	-306.34	-266.22
34056	67.35	-8.70	10.41	104.72	-6.74	-905.14	-213.18	-370.74	-343.23

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
34057	68.24	-8.70	10.41	150.56	-38.89	-1078.20	-223.94	-431.77	-416.74
34058	69.13	-8.70	10.41	202.75	-66.59	-1274.09	-223.77	-480.77	-486.32
34059	70.01	-8.70	10.41	260.40	-88.90	-1483.02	-212.31	-509.78	-550.18
34060	70.90	-8.70	10.41	320.09	-105.90	-1695.54	-190.89	-511.50	-605.11
34061	71.79	-8.70	10.41	380.54	-114.89	-1897.75	-158.43	-478.81	-645.64
34062	72.68	-8.70	10.41	428.70	-119.59	-2074.77	-120.87	-412.19	-670.54
34063	73.57	-8.70	10.41	461.84	-119.08	-2212.92	-84.56	-317.15	-679.87
34064	74.45	-8.70	10.41	475.06	-112.39	-2299.94	-43.80	-200.68	-671.75
34065	75.34	-8.70	10.41	463.44	-106.93	-2329.91	-12.30	-75.99	-647.63
34066	76.23	-8.70	10.41	432.33	-99.57	-2304.26	12.06	43.75	-614.58
34067	77.12	-8.70	10.41	386.42	-93.20	-2230.91	29.41	150.15	-577.15
34068	78.01	-8.70	10.41	332.37	-88.27	-2119.28	39.30	237.46	-537.52
34069	64.34	-8.10	10.41	6.78	120.55	-582.54	-116.37	-182.80	-89.41
34070	65.25	-8.10	10.41	28.17	78.19	-625.36	-154.05	-240.48	-173.13
34071	66.16	-8.10	10.41	54.81	35.61	-729.31	-185.42	-307.15	-253.10
34072	67.07	-8.10	10.41	95.27	-1.95	-878.86	-206.85	-375.11	-327.97
34073	67.98	-8.10	10.41	144.06	-34.79	-1065.02	-218.00	-441.48	-399.78
34074	68.89	-8.10	10.41	200.06	-62.82	-1277.37	-218.18	-496.87	-467.92
34075	69.80	-8.10	10.41	262.22	-85.64	-1505.32	-206.90	-530.69	-530.13
34076	70.71	-8.10	10.41	326.87	-102.87	-1738.36	-184.57	-535.11	-583.26
34077	71.62	-8.10	10.41	394.70	-113.35	-1959.91	-152.06	-499.80	-622.80
34078	72.53	-8.10	10.41	443.37	-119.45	-2152.71	-113.68	-427.72	-644.06
34079	73.44	-8.10	10.41	482.56	-116.07	-2300.63	-72.75	-324.57	-646.36
34080	74.35	-8.10	10.41	494.90	-110.80	-2392.62	-35.79	-197.08	-632.90
34081	75.26	-8.10	10.41	479.18	-105.80	-2419.90	-4.30	-61.75	-605.75
34082	76.17	-8.10	10.41	443.21	-99.49	-2386.00	17.05	65.19	-569.67
34083	77.08	-8.10	10.41	392.24	-94.48	-2301.73	31.21	176.30	-529.25
34084	77.99	-8.10	10.41	332.26	-91.58	-2177.70	37.69	265.60	-488.74
34085	64.20	-8.70	8.72	85.26	143.94	-737.53	-160.49	-146.51	-173.57
34086	65.12	-8.70	8.72	114.15	84.79	-759.88	-205.78	-164.09	-244.40
34087	66.04	-8.70	8.72	190.28	36.63	-843.25	-233.34	-190.91	-302.94
34088	66.96	-8.70	8.72	257.96	-5.65	-973.23	-248.99	-243.66	-358.78
34089	67.88	-8.70	8.72	312.69	-40.25	-1123.30	-253.92	-302.09	-411.72
34090	68.80	-8.70	8.72	360.10	-69.00	-1282.55	-249.10	-351.42	-461.32
34091	69.72	-8.70	8.72	403.73	-92.06	-1443.59	-235.69	-383.39	-506.68
34092	70.64	-8.70	8.72	444.14	-109.72	-1599.62	-214.86	-392.08	-545.20
34093	71.56	-8.70	8.72	478.76	-122.30	-1742.86	-188.32	-375.29	-575.43
34094	72.48	-8.70	8.72	505.78	-129.65	-1864.85	-157.50	-333.59	-595.54
34095	73.39	-8.70	8.72	521.03	-132.94	-1957.61	-124.02	-270.18	-604.10
34096	74.31	-8.70	8.72	521.98	-133.77	-2015.43	-92.43	-191.43	-601.87
34097	75.23	-8.70	8.72	508.21	-131.96	-2035.07	-62.68	-104.10	-590.24
34098	76.15	-8.70	8.72	480.11	-129.46	-2016.37	-37.40	-15.83	-570.48
34099	77.07	-8.70	8.72	440.66	-126.62	-1962.34	-17.13	66.64	-545.13
34100	77.99	-8.70	8.72	393.36	-124.11	-1878.51	-1.51	138.49	-516.72
34101	63.87	-8.10	8.72	79.00	150.70	-698.41	-150.48	-143.42	-164.59
34102	64.81	-8.10	8.72	104.62	90.87	-709.74	-201.26	-156.57	-235.08
34103	65.75	-8.10	8.72	189.94	41.83	-793.76	-228.14	-178.77	-289.74
34104	66.69	-8.10	8.72	264.91	-1.31	-935.28	-242.77	-233.63	-343.20
34105	67.63	-8.10	8.72	324.92	-37.08	-1100.54	-247.46	-298.20	-394.93
34106	68.57	-8.10	8.72	375.58	-66.26	-1275.80	-242.99	-354.81	-443.71
34107	69.51	-8.10	8.72	421.43	-89.47	-1453.27	-229.94	-392.56	-487.99
34108	70.45	-8.10	8.72	464.24	-107.01	-1625.09	-209.16	-404.49	-525.52
34109	71.40	-8.10	8.72	500.52	-119.35	-1782.79	-182.19	-388.31	-554.01
34110	72.34	-8.10	8.72	529.80	-126.62	-1916.89	-150.91	-344.10	-572.05
34111	73.28	-8.10	8.72	544.59	-130.92	-2018.49	-118.19	-275.61	-578.77
34112	74.22	-8.10	8.72	544.67	-131.76	-2080.64	-86.05	-190.76	-574.07
34113	75.16	-8.10	8.72	528.48	-130.40	-2100.75	-57.34	-96.93	-559.55
34114	76.10	-8.10	8.72	496.60	-128.38	-2078.77	-33.02	-2.69	-537.65
34115	77.04	-8.10	8.72	452.80	-126.00	-2018.66	-14.25	84.12	-511.09
34116	77.98	-8.10	8.72	401.39	-123.87	-1927.27	-0.39	158.66	-482.26
34117	63.72	-8.70	7.03	54.92	220.00	-734.78	-257.93	-100.75	-271.65
34118	64.67	-8.70	7.03	341.91	131.29	-741.49	-297.18	36.57	-307.90
34119	65.62	-8.70	7.03	462.03	49.61	-895.51	-305.72	-17.05	-342.67
34120	66.57	-8.70	7.03	511.72	-9.79	-1040.88	-307.31	-106.42	-375.75
34121	67.52	-8.70	7.03	532.18	-51.12	-1175.57	-300.34	-190.49	-408.37
34122	68.47	-8.70	7.03	543.09	-83.23	-1303.50	-286.72	-256.63	-440.30
34123	69.42	-8.70	7.03	551.86	-108.07	-1424.64	-267.92	-300.93	-470.41
34124	70.37	-8.70	7.03	559.81	-127.05	-1537.06	-244.94	-321.77	-496.82
34125	71.32	-8.70	7.03	566.15	-140.89	-1636.93	-218.41	-319.40	-518.07
34126	72.27	-8.70	7.03	568.52	-150.59	-1719.59	-189.48	-295.70	-532.95
34127	73.22	-8.70	7.03	564.74	-156.74	-1780.53	-159.64	-253.98	-540.78
34128	74.17	-8.70	7.03	552.86	-159.87	-1816.06	-129.87	-198.55	-541.24
34129	75.12	-8.70	7.03	531.82	-160.94	-1824.14	-101.91	-134.73	-534.70
34130	76.07	-8.70	7.03	501.85	-160.45	-1804.62	-76.51	-67.74	-522.21
34131	77.02	-8.70	7.03	464.06	-159.09	-1759.12	-54.42	-2.43	-504.91
34132	77.97	-8.70	7.03	420.44	-157.24	-1690.69	-35.91	57.30	-484.12
34133	63.40	-8.10	7.03	27.45	236.67	-685.39	-279.34	-95.21	-284.59
34134	64.37	-8.10	7.03	365.56	141.47	-658.29	-293.95	85.33	-292.29
34135	65.34	-8.10	7.03	506.11	56.84	-831.47	-295.31	30.01	-322.78
34136	66.31	-8.10	7.03	559.85	-5.79	-997.94	-295.11	-73.35	-356.25
34137	67.28	-8.10	7.03	578.13	-49.97	-1149.86	-289.70	-171.70	-389.63
34138	68.25	-8.10	7.03	584.95	-82.48	-1292.27	-277.86	-249.45	-421.92
34139	69.23	-8.10	7.03	589.69	-107.17	-1426.73	-260.45	-301.82	-451.87
34140	70.20	-8.10	7.03	594.49	-125.71	-1551.41	-238.25	-327.64	-477.92
34141	71.17	-8.10	7.03	598.67	-139.23	-1662.26	-212.22	-327.30	-498.60
34142	72.14	-8.10	7.03	599.07	-148.61	-1754.14	-183.59	-303.10	-512.64
34143	73.11	-8.10	7.03	593.58	-154.31	-1821.99	-153.72	-258.91	-519.25
34144	74.08	-8.10	7.03	579.34	-157.40	-1861.84	-124.33	-199.57	-518.41
34145	75.05	-8.10	7.03	555.41	-158.48	-1871.39	-96.72	-131.27	-510.67
34146	76.02	-8.10	7.03	522.04	-158.12	-1850.79	-72.07	-59.88	-497.07
34147	76.99	-8.10	7.03	480.49	-157.01	-1802.06	-50.88	9.28	-479.00
34148	77.96	-8.10	7.03	433.02	-155.48	-1728.83	-33.39	71.93	-457.90
34149	63.24	-8.70	5.34	1445.92	579.92	-358.21	-611.00	556.62	-427.78
34150	64.22	-8.70	5.34	1229.59	189.93	-835.71	-458.96	306.56	-353.73
34151	65.20	-8.70	5.34	1048.20	41.90	-1023.82	-420.56	95.04	-368.29
34152	66.18	-8.70	5.34	913.38	-29.99	-1147.99	-388.98	-55.77	-381.63
34153	67.16	-8.70	5.34	818.18	-74.22	-1248.36	-358.99	-162.29	-398.28
34154	68.14	-8.70	5.34	750.07	-107.55	-1338.23	-330.79	-236.29	-416.86
34155	69.13	-8.70	5.34	701.55	-132.60	-1420.57	-303.16	-283.83	-435.56

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
34156	70.11	-8.70	5.34	666.26	-151.11	-1495.18	-274.93	-307.85	-452.65
34157	71.09	-8.70	5.34	638.88	-164.83	-1559.92	-246.03	-310.92	-466.98
34158	72.07	-8.70	5.34	615.29	-174.46	-1611.75	-216.58	-295.65	-477.49
34159	73.05	-8.70	5.34	592.02	-180.79	-1647.62	-187.05	-265.07	-483.40
34160	74.03	-8.70	5.34	566.49	-184.49	-1665.03	-158.25	-222.74	-484.42
34161	75.02	-8.70	5.34	537.07	-186.11	-1662.48	-130.84	-172.51	-480.58
34162	76.00	-8.70	5.34	503.05	-186.19	-1639.57	-105.53	-118.34	-472.24
34163	76.98	-8.70	5.34	464.62	-185.15	-1597.15	-82.78	-63.92	-460.03
34164	77.96	-8.70	5.34	422.61	-183.35	-1537.07	-62.84	-12.37	-444.71
34165	62.93	-8.10	5.34	1674.17	572.83	-170.19	-465.84	757.61	-457.76
34166	63.93	-8.10	5.34	1440.47	248.38	-754.10	-373.06	425.47	-324.66
34167	64.93	-8.10	5.34	1216.68	58.89	-978.20	-363.06	168.23	-335.75
34168	65.93	-8.10	5.34	1041.17	-27.39	-1117.79	-354.14	-14.52	-357.16
34169	66.93	-8.10	5.34	914.20	-76.15	-1229.06	-337.05	-141.46	-377.13
34170	67.94	-8.10	5.34	824.74	-109.10	-1328.15	-315.61	-228.36	-397.11
34171	68.94	-8.10	5.34	761.48	-133.27	-1419.54	-291.84	-283.86	-416.31
34172	69.94	-8.10	5.34	715.96	-150.87	-1502.85	-265.97	-312.56	-433.59
34173	70.94	-8.10	5.34	681.46	-163.58	-1575.60	-238.38	-317.74	-447.83
34174	71.94	-8.10	5.34	652.68	-172.42	-1634.39	-209.73	-302.51	-458.05
34175	72.94	-8.10	5.34	625.21	-178.15	-1675.74	-180.80	-270.34	-463.59
34176	73.94	-8.10	5.34	596.02	-181.38	-1696.85	-152.42	-225.31	-464.15
34177	74.95	-8.10	5.34	563.05	-182.70	-1696.09	-125.46	-171.74	-459.82
34178	75.95	-8.10	5.34	525.46	-182.63	-1673.11	-100.65	-114.07	-451.07
34179	76.95	-8.10	5.34	483.43	-181.56	-1628.97	-78.48	-56.36	-438.58
34180	77.95	-8.10	5.34	437.87	-179.83	-1565.85	-59.21	-2.01	-423.17
34181	78.84	-8.10	17.16	-127.29	-83.56	-903.05	-50.80	95.25	-37.33
34182	79.63	-8.10	17.16	-164.24	-343.95	-2308.49	-112.85	-744.56	-60.73
34183	80.42	-8.10	17.16	-308.91	-519.39	-3114.61	-35.20	636.01	-212.81
34184	81.21	-8.10	17.16	-450.20	-388.48	-2229.94	-39.63	925.16	22.23
34185	82.00	-8.10	17.16	-262.63	-293.37	-1929.68	-102.54	520.33	72.81
34186	82.79	-8.10	17.16	-374.99	-323.01	-1939.38	-17.90	808.52	-283.27
34187	83.58	-8.10	17.16	-981.79	-448.00	-1139.54	253.69	1068.21	-356.72
34188	84.37	-8.10	17.16	-477.70	-262.72	-343.46	97.80	450.09	-174.47
34189	85.15	-8.10	17.16	-210.89	-194.49	-167.52	5.67	215.18	-93.40
34190	85.94	-8.10	17.16	-84.63	-163.45	-97.70	-31.57	109.56	-59.53
34191	86.73	-8.10	17.16	-17.24	-135.80	-60.18	-56.23	48.83	-32.88
34192	87.52	-8.10	17.16	16.71	-121.17	-39.19	-69.90	10.17	-15.68
34193	88.31	-8.10	17.16	28.16	-114.71	-25.37	-74.53	-15.41	-5.49
34194	89.10	-8.10	17.16	23.75	-112.42	-12.91	-72.90	-31.99	-1.17
34195	89.89	-8.10	17.16	8.41	-110.81	3.28	-67.21	-41.22	-3.47
34196	90.68	-8.10	17.16	-13.81	-106.08	29.85	-59.15	-42.86	-15.56
34197	78.83	-8.70	17.16	-158.15	-129.50	-1010.61	-59.40	144.69	61.57
34198	79.60	-8.70	17.16	-187.57	-353.21	-2337.83	-117.47	-674.76	-24.41
34199	80.36	-8.70	17.16	-345.91	-501.97	-3121.26	-59.61	626.55	-222.86
34200	81.12	-8.70	17.16	-384.99	-397.02	-2579.31	-13.60	735.84	-244.38
34201	81.88	-8.70	17.16	-402.21	-349.81	-2271.26	-21.89	770.96	-268.87
34202	82.65	-8.70	17.16	-704.13	-610.80	-1802.50	238.90	947.12	-581.08
34203	83.41	-8.70	17.16	-774.59	-617.06	-953.79	372.83	870.45	-583.87
34204	84.17	-8.70	17.16	-430.21	-288.88	-348.56	128.42	436.52	-204.58
34205	84.94	-8.70	17.16	-212.18	-198.82	-170.84	15.85	217.61	-104.75
34206	85.70	-8.70	17.16	-84.78	-152.97	-97.69	-36.33	107.18	-57.68
34207	86.46	-8.70	17.16	-18.24	-128.94	-61.74	-60.21	46.53	-32.23
34208	87.23	-8.70	17.16	13.75	-114.33	-40.89	-71.80	8.93	-15.61
34209	87.99	-8.70	17.16	24.14	-107.38	-26.68	-75.41	-16.11	-5.82
34210	88.75	-8.70	17.16	19.47	-104.46	-13.83	-73.40	-33.22	-1.48
34211	89.52	-8.70	17.16	4.63	-102.48	3.07	-67.51	-43.12	-4.17
34212	90.28	-8.70	17.16	-17.00	-98.17	29.45	-59.46	-46.95	-17.46
34213	78.86	-8.10	15.47	-649.50	-433.83	-2233.11	-4.56	495.37	-76.58
34214	79.68	-8.10	15.47	-309.30	-337.53	-2153.43	-37.89	406.54	-113.86
34215	80.50	-8.10	15.47	-86.78	-262.45	-2125.87	-35.52	416.73	-143.39
34216	81.32	-8.10	15.47	-189.20	-254.00	-2041.45	6.74	597.85	-196.80
34217	82.14	-8.10	15.47	-290.81	-214.13	-1740.60	-14.13	681.29	-224.15
34218	82.96	-8.10	15.47	-259.68	-166.81	-1381.74	-17.60	651.50	-226.12
34219	83.77	-8.10	15.47	-196.44	-130.79	-1067.00	-17.81	610.56	-247.91
34220	84.59	-8.10	15.47	-335.97	-165.60	-754.09	39.72	572.87	-242.11
34221	85.41	-8.10	15.47	-305.54	-151.83	-470.13	46.53	407.60	-191.03
34222	86.23	-8.10	15.47	-241.14	-129.87	-304.79	32.50	268.15	-139.16
34223	87.05	-8.10	15.47	-179.64	-112.02	-203.63	14.76	162.98	-97.94
34224	87.87	-8.10	15.47	-127.17	-96.91	-136.40	-2.82	84.98	-67.32
34225	88.69	-8.10	15.47	-84.73	-84.77	-85.97	-17.54	28.28	-46.72
34226	89.51	-8.10	15.47	-51.78	-74.95	-39.88	-28.06	-11.53	-34.76
34227	90.33	-8.10	15.47	-27.07	-67.31	12.57	-33.55	-37.96	-30.03
34228	91.15	-8.10	15.47	-9.67	-62.43	82.68	-32.85	-54.14	-30.11
34229	78.85	-8.70	15.47	-632.46	-427.78	-2485.83	-15.26	519.92	20.36
34230	79.64	-8.70	15.47	-335.38	-312.99	-2314.32	-75.04	466.02	-65.55
34231	80.44	-8.70	15.47	-126.79	-225.87	-2223.37	-57.91	432.63	-152.55
34232	81.23	-8.70	15.47	-202.76	-200.07	-2092.93	-20.14	620.68	-198.15
34233	82.03	-8.70	15.47	-248.31	-167.46	-1776.73	-18.75	675.63	-228.17
34234	82.82	-8.70	15.47	-221.53	-101.87	-1429.13	-57.58	678.23	-242.16
34235	83.61	-8.70	15.47	-266.10	-105.20	-1081.66	-11.07	652.77	-266.85
34236	84.41	-8.70	15.47	-338.19	-156.34	-739.88	60.31	560.72	-271.84
34237	85.20	-8.70	15.47	-303.05	-141.10	-469.53	57.89	400.08	-202.99
34238	86.00	-8.70	15.47	-240.78	-123.06	-307.88	40.26	263.38	-147.03
34239	86.79	-8.70	15.47	-179.65	-105.33	-208.31	19.70	160.14	-103.90
34240	87.59	-8.70	15.47	-128.21	-90.51	-141.50	0.94	84.06	-72.67
34241	88.38	-8.70	15.47	-86.76	-78.34	-90.43	-14.55	28.38	-51.70
34242	89.18	-8.70	15.47	-54.23	-68.40	-43.47	-26.11	-11.78	-39.05
34243	89.97	-8.70	15.47	-29.64	-61.06	9.76	-32.54	-39.09	-33.76
34244	90.76	-8.70	15.47	-11.46	-57.79	79.25	-32.80	-57.17	-33.38
34245	78.87	-8.10	13.78	-101.64	-166.81	-2486.78	55.53	613.67	-293.85
34246	79.72	-8.10	13.78	-138.91	-153.30	-2208.69	33.17	588.06	-276.68
34247	80.57	-8.10	13.78	-138.70	-135.39	-1984.20	17.68	567.59	-274.08
34248	81.42	-8.10	13.78	-98.39	-110.96	-1773.37	0.96	563.99	-274.92
34249	82.27	-8.10	13.78	-105.81	-101.97	-1547.30	10.86	585.16	-276.95
34250	83.12	-8.10	13.78	-147.76	-100.63	-1292.20	15.85	577.20	-272.91
34251	83.97	-8.10	13.78	-185.53	-105.04	-1042.66	25.41	526.13	-257.79
34252	84.82	-8.10	13.78	-173.03	-96.48	-820.95	27.52	454.05	-236.33
34253	85.67	-8.10	13.78	-183.48	-95.80	-630.05	33.28	383.08	-208.67
34254	86.52	-8.10	13.78	-172.66	-90.85	-466.34	31.87	296.22	-174.67

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
34255	87.37	-8.10	13.78	-147.45	-82.66	-339.40	24.01	212.93	-141.44
34256	88.22	-8.10	13.78	-116.06	-73.57	-240.17	13.23	141.07	-112.78
34257	89.07	-8.10	13.78	-83.41	-64.46	-157.51	2.14	82.20	-89.34
34258	89.92	-8.10	13.78	-52.67	-56.04	-81.34	-7.26	35.36	-70.29
34259	90.77	-8.10	13.78	-25.74	-48.97	-3.03	-13.61	-2.18	-53.55
34260	91.62	-8.10	13.78	-3.97	-43.07	84.35	-16.53	-34.82	-35.94
34261	78.86	-8.70	13.78	-72.29	-89.78	-2503.99	72.98	586.84	-366.84
34262	79.69	-8.70	13.78	-116.13	-96.07	-2235.23	49.76	572.55	-333.48
34263	80.51	-8.70	13.78	-123.36	-94.73	-2002.68	28.13	568.34	-320.37
34264	81.34	-8.70	13.78	-91.55	-84.42	-1777.44	17.46	563.41	-326.80
34265	82.17	-8.70	13.78	-109.41	-81.06	-1542.59	25.03	581.61	-329.89
34266	82.99	-8.70	13.78	-149.04	-89.92	-1284.97	44.62	565.43	-316.18
34267	83.82	-8.70	13.78	-168.46	-91.36	-1039.09	42.85	513.98	-287.88
34268	84.64	-8.70	13.78	-172.90	-85.09	-821.27	39.60	449.41	-256.00
34269	85.47	-8.70	13.78	-180.15	-87.51	-631.13	44.27	375.41	-226.18
34270	86.29	-8.70	13.78	-168.68	-83.07	-471.50	40.07	290.62	-188.61
34271	87.12	-8.70	13.78	-144.21	-75.88	-346.83	30.32	209.73	-153.00
34272	87.94	-8.70	13.78	-113.96	-67.36	-248.37	17.98	139.88	-122.55
34273	88.77	-8.70	13.78	-82.46	-58.90	-165.77	5.76	82.24	-97.82
34274	89.60	-8.70	13.78	-52.58	-51.07	-89.75	-4.78	35.47	-77.21
34275	90.42	-8.70	13.78	-26.34	-44.66	-12.08	-12.07	-2.31	-58.92
34276	91.25	-8.70	13.78	-4.64	-40.14	72.93	-15.86	-35.68	-39.55
34277	78.89	-8.10	12.09	133.64	-77.31	-2271.89	61.83	460.66	-420.15
34278	79.77	-8.10	12.09	81.97	-77.39	-2059.70	50.80	494.38	-385.99
34279	80.65	-8.10	12.09	44.06	-77.27	-1844.24	40.76	508.40	-359.63
34280	81.53	-8.10	12.09	7.59	-79.25	-1631.37	36.78	508.93	-339.05
34281	82.41	-8.10	12.09	-19.54	-80.81	-1423.23	32.12	495.10	-320.20
34282	83.29	-8.10	12.09	-44.03	-83.09	-1222.48	33.27	472.46	-300.09
34283	84.17	-8.10	12.09	-65.02	-83.46	-1027.77	33.94	439.18	-276.99
34284	85.05	-8.10	12.09	-86.56	-85.37	-845.94	34.92	392.18	-251.08
34285	85.93	-8.10	12.09	-92.35	-83.70	-682.90	33.38	334.87	-223.70
34286	86.81	-8.10	12.09	-92.90	-80.76	-540.76	30.38	275.89	-195.87
34287	87.69	-8.10	12.09	-85.67	-76.07	-416.81	25.25	216.31	-168.18
34288	88.57	-8.10	12.09	-72.11	-69.89	-309.22	18.33	159.84	-141.85
34289	89.45	-8.10	12.09	-54.84	-62.88	-213.79	10.72	108.56	-117.24
34290	90.33	-8.10	12.09	-36.33	-55.48	-125.59	3.38	62.70	-93.81
34291	91.21	-8.10	12.09	-18.46	-47.98	-40.58	-3.10	20.76	-70.34
34292	92.09	-8.10	12.09	-2.24	-40.05	43.31	-8.99	-19.98	-45.37
34293	78.88	-8.70	12.09	146.98	-67.26	-2229.59	71.75	429.58	-479.14
34294	79.74	-8.70	12.09	96.56	-64.56	-2027.47	62.49	469.20	-441.90
34295	80.59	-8.70	12.09	56.99	-64.07	-1819.56	54.53	487.29	-411.13
34296	81.45	-8.70	12.09	17.99	-66.93	-1612.52	49.39	491.44	-382.57
34297	82.31	-8.70	12.09	-9.69	-70.66	-1408.85	46.19	479.78	-355.81
34298	83.16	-8.70	12.09	-35.51	-73.10	-1212.36	43.32	459.12	-330.52
34299	84.02	-8.70	12.09	-60.35	-75.98	-1022.67	45.37	426.61	-304.01
34300	84.88	-8.70	12.09	-78.71	-78.62	-845.78	45.32	380.37	-274.09
34301	85.73	-8.70	12.09	-86.27	-77.31	-687.19	41.53	326.11	-242.18
34302	86.59	-8.70	12.09	-87.36	-74.99	-547.91	36.96	269.08	-211.50
34303	87.45	-8.70	12.09	-80.94	-70.95	-426.34	30.46	211.52	-181.39
34304	88.30	-8.70	12.09	-68.54	-65.41	-320.35	22.39	156.95	-153.12
34305	89.16	-8.70	12.09	-52.40	-59.05	-226.17	13.90	106.99	-126.96
34306	90.02	-8.70	12.09	-34.99	-52.16	-139.52	5.71	61.66	-101.80
34307	90.87	-8.70	12.09	-18.03	-44.99	-56.45	-1.45	20.28	-76.72
34308	91.73	-8.70	12.09	-2.40	-37.83	24.50	-7.93	-20.06	-49.98
34309	78.91	-8.10	10.41	270.60	-90.25	-2025.84	39.10	330.82	-451.73
34310	79.82	-8.10	10.41	214.03	-89.92	-1857.92	38.24	373.23	-419.23
34311	80.73	-8.10	10.41	161.96	-91.02	-1682.98	36.88	397.36	-390.15
34312	81.64	-8.10	10.41	117.25	-92.54	-1505.89	35.00	405.93	-363.46
34313	82.55	-8.10	10.41	77.50	-94.38	-1330.48	34.65	402.00	-338.21
34314	83.46	-8.10	10.41	43.67	-95.73	-1159.34	34.06	386.53	-313.61
34315	84.37	-8.10	10.41	14.86	-96.81	-996.07	34.12	360.98	-288.91
34316	85.28	-8.10	10.41	-6.68	-96.08	-842.59	33.53	327.54	-263.41
34317	86.19	-8.10	10.41	-23.15	-94.20	-700.77	31.98	288.02	-237.20
34318	87.10	-8.10	10.41	-32.17	-90.73	-571.60	29.06	244.25	-210.82
34319	88.01	-8.10	10.41	-35.37	-86.06	-455.09	24.91	199.24	-184.84
34320	88.92	-8.10	10.41	-33.66	-80.29	-349.71	19.69	154.48	-159.52
34321	89.83	-8.10	10.41	-28.25	-73.61	-253.77	13.74	110.93	-134.77
34322	90.74	-8.10	10.41	-20.46	-66.11	-165.39	7.33	68.91	-110.31
34323	91.65	-8.10	10.41	-11.31	-57.94	-83.22	0.57	27.92	-85.69
34324	92.56	-8.10	10.41	-1.27	-48.74	-6.79	-6.89	-12.92	-60.58
34325	78.89	-8.70	10.41	274.40	-86.25	-1979.47	43.36	303.90	-499.05
34326	79.78	-8.70	10.41	219.56	-86.08	-1821.70	44.72	348.30	-463.27
34327	80.67	-8.70	10.41	168.54	-87.11	-1655.37	44.72	374.76	-430.13
34328	81.56	-8.70	10.41	124.32	-88.53	-1485.60	44.07	385.65	-399.46
34329	82.45	-8.70	10.41	84.26	-90.13	-1316.59	43.32	383.80	-370.28
34330	83.33	-8.70	10.41	50.21	-91.71	-1151.21	43.00	370.12	-341.38
34331	84.22	-8.70	10.41	21.90	-92.44	-992.97	41.62	346.50	-312.41
34332	85.11	-8.70	10.41	-0.54	-91.84	-844.08	39.94	315.07	-283.59
34333	86.00	-8.70	10.41	-16.96	-90.30	-706.28	37.47	277.36	-254.76
34334	86.89	-8.70	10.41	-26.59	-87.07	-580.56	33.49	235.69	-226.05
34335	87.77	-8.70	10.41	-30.57	-82.85	-466.83	28.56	192.51	-198.04
34336	88.66	-8.70	10.41	-29.80	-77.43	-363.75	22.61	149.52	-171.02
34337	89.55	-8.70	10.41	-25.31	-71.10	-269.91	16.09	107.41	-144.93
34338	90.44	-8.70	10.41	-18.57	-63.79	-183.83	9.12	66.32	-119.01
34339	91.33	-8.70	10.41	-10.31	-55.59	-103.96	1.98	26.50	-93.11
34340	92.21	-8.70	10.41	-1.09	-46.78	-30.21	-5.80	-13.33	-66.57
34341	78.92	-8.10	8.72	346.42	-122.40	-1811.97	9.27	218.40	-452.86
34342	79.86	-8.10	8.72	291.10	-121.66	-1680.04	15.80	262.47	-424.07
34343	80.80	-8.10	8.72	238.69	-121.27	-1537.92	20.17	291.58	-396.51
34344	81.74	-8.10	8.72	190.09	-121.08	-1390.91	23.38	307.29	-370.14
34345	82.68	-8.10	8.72	146.54	-120.75	-1242.97	25.53	311.07	-344.61
34346	83.62	-8.10	8.72	108.15	-120.05	-1097.42	27.17	304.56	-319.46
34347	84.56	-8.10	8.72	75.52	-118.51	-956.61	27.93	289.37	-294.38
34348	85.50	-8.10	8.72	48.34	-116.21	-822.55	27.88	266.92	-269.34
34349	86.45	-8.10	8.72	27.14	-112.81	-696.53	26.80	238.84	-244.33
34350	87.39	-8.10	8.72	11.25	-108.40	-579.29	24.69	206.77	-219.43
34351	88.33	-8.10	8.72	0.58	-103.10	-470.94	21.50	172.07	-194.84
34352	89.27	-8.10	8.72	-5.67	-96.91	-371.19	17.28	135.95	-170.79
34353	90.21	-8.10	8.72	-8.28	-89.93	-279.49	12.21	99.12	-147.24

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
34354	91.15	-8.10	8.72	-7.96	-82.14	-195.24	6.32	62.02	-124.11
34355	92.09	-8.10	8.72	-5.22	-73.60	-118.16	-0.37	24.76	-101.39
34356	93.03	-8.10	8.72	-0.34	-64.00	-48.27	-8.13	-12.61	-79.19
34357	78.91	-8.70	8.72	342.26	-122.04	-1771.42	9.97	196.87	-486.85
34358	79.83	-8.70	8.72	290.01	-120.69	-1647.70	17.96	240.93	-456.77
34359	80.75	-8.70	8.72	239.82	-119.85	-1513.18	23.46	270.83	-427.24
34360	81.67	-8.70	8.72	192.73	-119.34	-1373.02	27.24	287.71	-398.40
34361	82.59	-8.70	8.72	150.26	-118.82	-1231.26	29.81	292.88	-370.14
34362	83.51	-8.70	8.72	112.57	-117.95	-1091.28	31.26	287.90	-342.36
34363	84.42	-8.70	8.72	80.20	-116.49	-955.53	31.88	274.27	-314.88
34364	85.34	-8.70	8.72	53.34	-114.23	-825.97	31.40	253.47	-287.56
34365	86.26	-8.70	8.72	32.03	-110.89	-703.92	29.79	227.15	-260.52
34366	87.18	-8.70	8.72	15.95	-106.47	-590.12	27.15	196.79	-233.94
34367	88.10	-8.70	8.72	4.77	-101.30	-484.83	23.60	163.72	-207.79
34368	89.02	-8.70	8.72	-2.11	-95.18	-387.70	18.99	129.30	-182.42
34369	89.94	-8.70	8.72	-5.36	-88.25	-298.40	13.59	93.97	-157.85
34370	90.86	-8.70	8.72	-5.97	-80.36	-216.57	7.41	58.04	-133.60
34371	91.78	-8.70	8.72	-4.03	-71.54	-141.60	0.58	22.21	-109.92
34372	92.70	-8.70	8.72	-0.04	-62.16	-73.90	-7.30	-14.01	-86.56
34373	78.94	-8.10	7.03	382.23	-153.80	-1635.79	-19.31	125.20	-435.05
34374	79.91	-8.10	7.03	330.56	-152.11	-1527.91	-8.22	167.66	-411.37
34375	80.88	-8.10	7.03	279.96	-150.41	-1409.88	0.40	198.88	-387.42
34376	81.85	-8.10	7.03	232.15	-148.59	-1285.89	7.00	219.16	-363.51
34377	82.82	-8.10	7.03	188.07	-146.50	-1159.48	12.03	229.33	-339.73
34378	83.79	-8.10	7.03	148.51	-143.98	-1033.48	15.62	230.42	-316.08
34379	84.76	-8.10	7.03	113.77	-140.93	-910.19	17.96	223.55	-292.54
34380	85.73	-8.10	7.03	84.15	-137.18	-791.31	19.04	209.94	-269.10
34381	86.70	-8.10	7.03	59.52	-132.67	-678.06	18.89	190.81	-245.84
34382	87.67	-8.10	7.03	39.78	-127.42	-571.22	17.62	167.29	-222.86
34383	88.65	-8.10	7.03	24.58	-121.55	-471.17	15.27	140.50	-200.30
34384	89.62	-8.10	7.03	13.45	-115.00	-378.03	11.83	111.31	-178.33
34385	90.59	-8.10	7.03	5.86	-107.82	-291.82	7.46	80.37	-157.01
34386	91.56	-8.10	7.03	1.38	-99.97	-212.46	2.19	48.33	-136.42
34387	92.53	-8.10	7.03	-0.36	-91.60	-140.12	-3.89	15.75	-116.76
34388	93.50	-8.10	7.03	0.65	-82.42	-75.06	-11.00	-16.83	-98.30
34389	78.93	-8.70	7.03	373.25	-155.24	-1603.36	-20.83	108.64	-461.06
34390	79.88	-8.70	7.03	324.71	-153.23	-1501.59	-8.81	150.05	-436.67
34391	80.83	-8.70	7.03	276.74	-151.21	-1389.70	0.60	180.95	-411.61
34392	81.78	-8.70	7.03	231.04	-149.11	-1271.62	7.81	201.49	-386.30
34393	82.73	-8.70	7.03	188.58	-146.78	-1150.75	13.16	212.31	-360.98
34394	83.68	-8.70	7.03	150.22	-144.06	-1029.89	16.93	214.32	-335.73
34395	84.63	-8.70	7.03	116.37	-140.80	-911.28	19.24	208.60	-310.61
34396	85.58	-8.70	7.03	87.28	-136.89	-796.65	20.23	196.29	-285.72
34397	86.53	-8.70	7.03	62.97	-132.28	-687.22	19.95	178.55	-261.14
34398	87.48	-8.70	7.03	43.30	-126.79	-583.77	18.45	156.50	-236.98
34399	88.43	-8.70	7.03	27.88	-120.80	-486.77	16.01	131.14	-213.26
34400	89.38	-8.70	7.03	16.41	-114.08	-396.26	12.43	103.52	-190.30
34401	90.33	-8.70	7.03	8.43	-106.71	-312.39	7.91	74.06	-168.23
34402	91.28	-8.70	7.03	3.16	-98.57	-235.28	2.52	43.23	-146.76
34403	92.23	-8.70	7.03	0.75	-89.76	-164.72	-3.53	12.09	-126.35
34404	93.18	-8.70	7.03	0.93	-80.70	-101.38	-10.63	-19.47	-106.84
34405	78.95	-8.10	5.34	390.16	-177.69	-1486.73	-42.81	46.39	-405.65
34406	79.95	-8.10	5.34	341.80	-175.31	-1394.98	-29.15	87.15	-386.67
34407	80.95	-8.10	5.34	294.27	-172.71	-1294.05	-17.97	119.41	-366.76
34408	81.95	-8.10	5.34	248.82	-169.87	-1187.16	-8.99	142.93	-346.28
34409	82.96	-8.10	5.34	206.42	-166.75	-1077.17	-1.97	157.93	-325.49
34410	83.96	-8.10	5.34	167.76	-163.28	-966.52	3.31	164.96	-304.56
34411	84.96	-8.10	5.34	133.30	-159.39	-857.21	6.98	164.76	-283.62
34412	85.96	-8.10	5.34	103.24	-155.01	-750.79	9.16	158.17	-262.79
34413	86.96	-8.10	5.34	77.64	-150.07	-648.42	9.94	146.07	-242.18
34414	87.96	-8.10	5.34	56.34	-144.57	-550.92	9.48	129.34	-221.92
34415	88.96	-8.10	5.34	39.16	-138.59	-458.79	7.84	108.85	-202.12
34416	89.97	-8.10	5.34	25.72	-132.06	-372.33	5.06	85.37	-183.00
34417	90.97	-8.10	5.34	15.63	-124.98	-291.74	1.30	59.52	-164.60
34418	91.97	-8.10	5.34	8.57	-117.31	-217.09	-3.35	32.07	-147.04
34419	92.97	-8.10	5.34	4.30	-109.20	-148.45	-8.71	3.80	-130.48
34420	93.97	-8.10	5.34	2.47	-100.76	-86.57	-14.68	-23.62	-115.61
34421	78.94	-8.70	5.34	378.32	-181.06	-1461.94	-45.77	33.86	-427.04
34422	79.92	-8.70	5.34	332.97	-178.48	-1374.79	-31.49	73.09	-407.69
34423	80.90	-8.70	5.34	288.12	-175.63	-1278.72	-19.74	104.44	-387.18
34424	81.89	-8.70	5.34	244.94	-172.53	-1176.71	-10.29	127.58	-365.93
34425	82.87	-8.70	5.34	204.41	-169.13	-1071.49	-2.91	142.64	-344.25
34426	83.85	-8.70	5.34	167.23	-165.38	-965.37	2.61	150.09	-322.36
34427	84.83	-8.70	5.34	133.89	-161.19	-860.30	6.45	150.59	-300.46
34428	85.81	-8.70	5.34	104.65	-156.50	-757.79	8.72	144.91	-278.68
34429	86.79	-8.70	5.34	79.59	-151.25	-658.99	9.56	133.89	-257.17
34430	87.77	-8.70	5.34	58.62	-145.29	-564.69	9.05	118.37	-236.09
34431	88.76	-8.70	5.34	41.45	-138.94	-475.48	7.48	99.09	-215.44
34432	89.74	-8.70	5.34	27.91	-132.01	-391.51	4.70	77.00	-195.54
34433	90.72	-8.70	5.34	17.65	-124.51	-313.10	0.88	52.51	-176.54
34434	91.70	-8.70	5.34	9.95	-116.36	-240.44	-3.78	26.16	-158.22
34435	92.68	-8.70	5.34	5.17	-107.66	-173.25	-9.02	-0.82	-141.00
34436	93.66	-8.70	5.34	2.63	-99.15	-112.69	-14.89	-27.47	-124.99
34437	70.53	-9.28	17.16	-428.13	-155.26	-186.58	139.81	-181.73	-106.18
34438	69.83	-9.26	17.16	-296.19	-119.59	-130.20	179.27	-96.25	-45.12
34439	69.12	-9.23	17.16	-208.28	-107.73	-93.60	194.65	-37.41	-1.54
34440	70.46	-9.85	17.16	-362.66	-109.13	-152.61	160.06	-125.36	-58.90
34441	69.83	-9.77	17.16	-273.22	-94.25	-114.97	184.29	-67.19	-17.10
34442	69.22	-9.68	17.16	-209.65	-93.79	-86.25	193.18	-25.73	13.76
34443	70.38	-10.41	17.16	-315.36	-77.27	-124.90	172.11	-79.58	-16.18
34444	69.85	-10.27	17.16	-257.16	-76.99	-99.75	184.81	-42.69	8.71
34445	69.32	-10.13	17.16	-211.06	-83.34	-77.45	190.43	-14.65	28.67
34446	78.07	-9.50	17.16	-645.48	-458.90	-3098.79	-84.81	664.08	839.81
34447	77.31	-9.50	17.16	-969.45	-681.37	-4425.22	52.69	1272.86	204.73
34448	76.55	-9.49	17.16	-794.30	-802.70	-5695.41	104.36	526.86	-380.96
34449	75.79	-9.47	17.16	-941.54	-892.64	-6702.78	111.34	274.85	-553.47
34450	75.03	-9.46	17.16	-1095.88	-1149.92	-8559.92	54.24	-182.71	-794.97
34451	74.27	-9.44	17.16	-3208.69	-1493.33	-5843.67	-688.35	-3608.07	-874.96
34452	73.52	-9.41	17.16	-1768.23	-1273.93	-2097.38	-534.41	-1530.69	-1340.23

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
34453	72.76	-9.38	17.16	-1429.75	-769.14	-1100.88	-392.20	-1125.73	-832.06
34454	72.01	-9.35	17.16	-962.31	-384.37	-516.11	-97.01	-602.79	-378.72
34455	71.26	-9.31	17.16	-637.66	-228.99	-293.16	60.12	-328.25	-196.84
34456	78.06	-10.50	17.16	-880.95	-546.22	-5289.16	54.11	576.28	-558.98
34457	77.28	-10.49	17.16	-921.95	-683.82	-5980.50	95.47	498.53	-647.44
34458	76.50	-10.46	17.16	-956.76	-910.33	-7032.00	99.34	246.56	-819.43
34459	75.72	-10.42	17.16	-1828.40	-1797.71	-6233.55	-551.62	-1452.89	-1928.04
34460	74.95	-10.37	17.16	-1572.45	-2750.00	-5428.88	-813.01	-794.96	-3792.33
34461	74.18	-10.31	17.16	-2472.06	-1872.28	-3384.96	-1142.30	-2694.73	-2507.21
34462	73.41	-10.23	17.16	-1414.12	-668.60	-1063.53	-335.46	-1055.09	-752.32
34463	72.65	-10.15	17.16	-947.45	-438.20	-572.72	-124.98	-590.10	-454.08
34464	71.89	-10.05	17.16	-701.10	-254.82	-345.48	8.42	-376.43	-256.13
34465	71.14	-9.94	17.16	-500.24	-150.78	-218.07	108.55	-219.43	-126.21
34466	78.05	-11.50	17.16	-919.33	-2099.92	-3239.57	-57.33	303.70	-2514.87
34467	77.25	-11.48	17.16	-1029.45	-2346.73	-3707.51	-193.82	159.03	-2890.49
34468	76.45	-11.43	17.16	-1154.78	-2628.54	-4235.12	-469.43	-227.56	-3421.55
34469	75.65	-11.37	17.16	-1710.57	-1891.88	-2848.30	-877.37	-1715.46	-2402.14
34470	74.86	-11.29	17.16	-1121.70	-964.86	-1099.85	-333.72	-742.99	-1081.35
34471	74.08	-11.18	17.16	-927.35	-775.03	-811.47	-307.66	-549.23	-868.89
34472	73.30	-11.06	17.16	-943.95	-462.58	-600.05	-191.35	-597.13	-563.23
34473	72.53	-10.92	17.16	-703.17	-231.37	-353.20	-2.11	-354.13	-264.56
34474	71.77	-10.75	17.16	-528.96	-142.30	-236.38	87.04	-220.45	-139.24
34475	71.02	-10.57	17.16	-403.25	-93.69	-166.65	142.38	-134.78	-61.20
34476	78.04	-12.50	17.16	-507.42	-769.78	-646.27	-121.37	90.11	-793.10
34477	77.22	-12.47	17.16	-588.76	-817.28	-703.89	-154.87	11.06	-885.27
34478	76.40	-12.41	17.16	-673.49	-792.70	-647.07	-195.46	-186.90	-848.68
34479	75.59	-12.32	17.16	-707.53	-657.35	-629.88	-226.07	-248.27	-749.24
34480	74.78	-12.20	17.16	-789.83	-453.88	-566.41	-174.41	-376.36	-562.56
34481	73.98	-12.06	17.16	-683.05	-284.03	-397.47	-52.33	-275.89	-346.15
34482	73.19	-11.88	17.16	-595.27	-192.26	-300.32	7.59	-224.25	-231.42
34483	72.41	-11.68	17.16	-522.63	-114.04	-229.14	71.54	-186.67	-128.82
34484	71.65	-11.46	17.16	-422.32	-70.30	-168.70	128.62	-121.19	-48.23
34485	70.90	-11.20	17.16	-338.02	-58.55	-125.63	160.84	-71.28	-1.47
34486	78.03	-13.50	17.16	-404.25	-206.20	-284.30	-95.92	13.10	-225.30
34487	77.19	-13.46	17.16	-457.07	-205.65	-297.25	-79.99	-19.00	-233.71
34488	76.35	-13.38	17.16	-494.51	-194.63	-304.63	-63.06	-49.77	-230.39
34489	75.52	-13.27	17.16	-525.84	-165.07	-285.54	-38.65	-93.76	-201.13
34490	74.70	-13.12	17.16	-523.00	-120.64	-251.72	-2.85	-109.06	-152.24
34491	73.89	-12.93	17.16	-505.51	-80.39	-218.98	41.76	-116.60	-96.34
34492	73.09	-12.71	17.16	-457.00	-53.95	-178.30	86.76	-95.62	-43.23
34493	72.30	-12.45	17.16	-404.49	-42.27	-140.70	119.13	-75.04	-4.78
34494	71.53	-12.16	17.16	-350.77	-39.67	-106.51	145.64	-52.27	26.19
34495	70.78	-11.84	17.16	-295.59	-47.65	-75.21	163.91	-26.34	47.27
34496	78.02	-14.50	17.16	-326.15	-20.30	-76.70	-45.38	-49.19	25.33
34497	77.16	-14.45	17.16	-359.89	-17.13	-79.80	-21.92	-46.55	30.47
34498	76.31	-14.36	17.16	-384.69	-15.82	-78.58	4.37	-45.77	36.73
34499	75.46	-14.22	17.16	-397.21	-15.28	-73.81	31.44	-44.21	43.76
34500	74.62	-14.04	17.16	-399.40	-15.54	-64.00	59.04	-43.41	52.30
34501	73.79	-13.81	17.16	-387.17	-17.76	-48.69	86.31	-38.40	61.90
34502	72.98	-13.54	17.16	-364.50	-24.03	-31.19	110.57	-30.39	70.07
34503	72.19	-13.22	17.16	-333.48	-34.13	-12.43	130.14	-18.90	75.41
34504	71.41	-12.87	17.16	-299.34	-47.18	6.26	144.15	-7.54	77.48
34505	70.66	-12.47	17.16	-264.05	-62.63	24.10	153.50	3.71	77.41
34506	67.06	-9.32	17.16	-110.35	-146.76	56.17	149.82	36.41	57.33
34507	67.55	-9.94	17.16	-131.28	-136.10	60.01	153.83	33.50	59.93
34508	68.08	-10.54	17.16	-152.96	-124.66	63.57	156.60	30.23	62.83
34509	67.75	-9.28	17.16	-123.02	-126.48	-19.36	176.62	29.36	53.91
34510	68.10	-9.82	17.16	-143.42	-116.24	-14.37	176.51	27.42	57.16
34511	68.47	-10.34	17.16	-163.77	-106.52	-7.67	174.72	24.91	60.73
34512	68.43	-9.23	17.16	-152.57	-112.00	-62.12	192.69	4.55	33.80
34513	68.64	-9.70	17.16	-166.98	-101.90	-57.30	190.20	7.19	40.31
34514	68.87	-10.15	17.16	-182.63	-93.72	-50.69	186.11	9.30	46.64
34515	69.95	-12.04	17.16	-232.59	-78.75	39.17	158.55	13.90	73.39
34516	70.11	-11.50	17.16	-252.37	-61.05	-50.53	172.62	-5.90	56.79
34517	70.26	-10.96	17.16	-278.67	-60.81	-96.92	177.23	-36.47	24.60
34518	69.29	-11.58	17.16	-203.37	-95.87	50.05	160.65	21.66	69.67
34519	69.52	-11.15	17.16	-217.49	-77.30	-31.44	175.78	8.15	61.00
34520	69.74	-10.73	17.16	-237.65	-71.08	-76.10	183.17	-15.09	37.89
34521	68.66	-11.08	17.16	-176.89	-111.78	60.03	159.21	27.45	64.79
34522	68.95	-10.79	17.16	-187.84	-94.35	-13.04	174.95	18.99	62.17
34523	69.23	-10.49	17.16	-203.80	-84.78	-56.17	184.02	1.50	47.58
34524	70.20	-9.30	15.47	-518.06	-245.82	-624.35	-201.67	-559.77	-369.59
34525	69.46	-9.27	15.47	-408.92	-175.00	-451.46	-138.17	-398.15	-240.10
34526	68.72	-9.24	15.47	-307.83	-117.81	-325.80	-82.39	-274.27	-140.87
34527	70.10	-9.90	15.47	-422.53	-190.04	-513.89	-164.84	-438.87	-287.11
34528	69.46	-9.82	15.47	-343.79	-139.30	-394.71	-113.73	-330.26	-193.30
34529	68.82	-9.72	15.47	-270.35	-97.04	-298.04	-70.10	-243.65	-118.00
34530	70.02	-10.50	15.47	-332.95	-136.53	-419.55	-127.75	-340.50	-210.64
34531	69.47	-10.36	15.47	-281.99	-104.09	-339.11	-90.79	-272.60	-147.98
34532	68.92	-10.20	15.47	-232.02	-75.17	-267.42	-57.73	-215.60	-94.42
34533	78.05	-9.53	15.47	-488.43	-177.11	-3215.36	149.39	730.18	-213.55
34534	77.26	-9.53	15.47	-272.62	-205.73	-3735.31	236.41	650.10	-343.19
34535	76.46	-9.52	15.47	-173.14	-247.03	-4250.39	209.21	479.78	-531.89
34536	75.67	-9.50	15.47	-117.58	-238.12	-4593.41	205.62	58.00	-816.63
34537	74.88	-9.49	15.47	45.89	-188.60	-4276.32	130.96	-597.31	-1118.50
34538	74.09	-9.46	15.47	223.86	-367.93	-3933.15	127.84	-854.09	-1403.05
34539	73.30	-9.44	15.47	-558.67	-536.35	-3195.01	-202.11	-1514.77	-1289.56
34540	72.52	-9.41	15.47	-684.19	-481.16	-2074.49	-332.24	-1325.56	-1043.07
34541	71.74	-9.37	15.47	-717.09	-416.06	-1349.97	-331.51	-1054.18	-769.79
34542	70.95	-9.33	15.47	-630.16	-326.01	-894.65	-268.47	-774.81	-538.75
34543	78.04	-10.60	15.47	-287.14	41.12	-3180.29	139.81	526.04	-730.65
34544	77.22	-10.59	15.47	-200.17	-31.23	-3584.04	186.53	412.08	-929.39
34545	76.40	-10.56	15.47	-46.47	-110.01	-3753.04	181.19	50.02	-1185.83
34546	75.59	-10.52	15.47	82.14	-120.33	-3836.80	286.32	-224.54	-1366.01
34547	74.78	-10.46	15.47	-57.33	-69.14	-3441.03	79.46	-883.45	-1276.95
34548	73.98	-10.39	15.47	-87.95	-276.54	-2785.84	-197.29	-982.53	-1300.43
34549	73.18	-10.31	15.47	-589.75	-514.50	-2121.49	-387.92	-1209.52	-1181.15
34550	72.38	-10.22	15.47	-629.96	-431.52	-1417.76	-360.69	-1001.37	-861.03
34551	71.60	-10.12	15.47	-582.79	-335.16	-976.57	-298.50	-778.75	-608.58

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{XX}$ [kPa]	$\sigma_{YY}$ [kPa]	$\sigma_{ZZ}$ [kPa]	$\tau_{XY}$ [kPa]	$\tau_{XZ}$ [kPa]	$\tau_{YZ}$ [kPa]
34552	70.82	-10.00	15.47	-507.59	-253.21	-692.93	-227.44	-586.37	-418.94
34553	78.03	-11.67	15.47	-154.57	-44.80	-2530.44	164.61	326.57	-1185.57
34554	77.19	-11.65	15.47	-68.05	-83.51	-2749.09	155.21	152.59	-1324.82
34555	76.35	-11.60	15.47	55.50	-111.36	-2731.15	73.26	-190.03	-1368.53
34556	75.51	-11.53	15.47	30.42	-396.16	-2642.77	-47.55	-404.08	-1502.06
34557	74.69	-11.44	15.47	-295.11	-702.50	-2384.40	-267.69	-784.56	-1537.27
34558	73.87	-11.33	15.47	-387.35	-601.01	-1825.48	-379.36	-882.85	-1235.12
34559	73.06	-11.19	15.47	-433.02	-444.54	-1328.94	-365.84	-806.00	-900.71
34560	72.25	-11.04	15.47	-475.69	-346.35	-972.93	-317.44	-694.06	-647.96
34561	71.46	-10.87	15.47	-445.16	-254.28	-717.18	-245.80	-556.73	-451.51
34562	70.68	-10.68	15.47	-389.08	-183.35	-538.16	-178.58	-432.82	-306.72
34563	78.02	-12.74	15.47	-111.91	-573.65	-1533.25	110.50	144.88	-1163.02
34564	77.15	-12.71	15.47	-72.21	-646.90	-1635.55	46.37	2.10	-1261.07
34565	76.29	-12.64	15.47	-61.40	-702.17	-1654.28	-68.50	-189.09	-1296.00
34566	75.44	-12.55	15.47	-119.78	-652.06	-1495.78	-205.11	-402.60	-1176.92
34567	74.60	-12.42	15.47	-176.48	-550.35	-1246.39	-258.38	-485.54	-978.49
34568	73.76	-12.26	15.47	-257.61	-463.71	-1037.01	-290.35	-523.39	-796.37
34569	72.94	-12.08	15.47	-305.78	-347.17	-843.53	-279.62	-511.58	-608.53
34570	72.13	-11.86	15.47	-318.90	-243.51	-668.19	-234.15	-456.34	-438.63
34571	71.33	-11.62	15.47	-309.59	-169.38	-523.52	-180.41	-385.50	-304.61
34572	70.55	-11.35	15.47	-277.93	-115.10	-406.24	-127.32	-312.60	-201.88
34573	78.01	-13.81	15.47	-27.35	-396.79	-749.25	55.08	31.04	-630.94
34574	77.12	-13.77	15.47	-14.99	-431.35	-783.27	6.93	-42.42	-667.02
34575	76.24	-13.69	15.47	-17.42	-435.79	-784.91	-59.64	-131.85	-665.85
34576	75.37	-13.56	15.47	-44.22	-402.74	-759.00	-123.62	-214.58	-624.03
34577	74.51	-13.40	15.47	-91.67	-339.05	-700.92	-167.30	-280.72	-543.93
34578	73.66	-13.20	15.47	-131.47	-263.84	-614.33	-179.11	-309.36	-442.89
34579	72.82	-12.96	15.47	-165.00	-193.70	-523.03	-172.19	-312.17	-342.78
34580	72.00	-12.69	15.47	-183.41	-130.26	-432.73	-147.65	-294.72	-249.12
34581	71.20	-12.37	15.47	-184.80	-81.73	-345.70	-113.38	-262.05	-167.83
34582	70.42	-12.03	15.47	-173.36	-49.02	-265.13	-78.21	-222.43	-102.32
34583	78.00	-14.88	15.47	43.19	-132.92	-321.00	12.23	-34.57	-240.33
34584	77.10	-14.83	15.47	51.26	-140.09	-332.90	-9.30	-64.79	-248.56
34585	76.20	-14.73	15.47	52.26	-137.52	-334.85	-35.90	-100.26	-245.35
34586	75.31	-14.58	15.47	41.97	-122.51	-324.02	-62.63	-137.37	-227.36
34587	74.43	-14.39	15.47	21.11	-97.13	-300.52	-82.09	-168.71	-195.31
34588	73.56	-14.14	15.47	-6.20	-67.49	-265.99	-89.88	-189.73	-153.47
34589	72.72	-13.85	15.47	-31.87	-39.13	-222.15	-85.89	-196.99	-107.75
34590	71.89	-13.51	15.47	-53.00	-15.50	-173.56	-73.72	-192.10	-63.76
34591	71.08	-13.13	15.47	-66.74	1.77	-123.46	-55.81	-177.44	-24.52
34592	70.29	-12.70	15.47	-71.93	11.48	-74.23	-35.87	-155.45	8.16
34593	66.58	-9.34	15.47	-54.04	-1.61	65.63	19.33	-50.65	63.05
34594	67.08	-10.00	15.47	-54.71	3.07	62.44	16.39	-59.93	62.84
34595	67.62	-10.64	15.47	-55.52	8.35	57.32	13.04	-71.28	62.89
34596	67.29	-9.29	15.47	-127.23	-31.19	-94.40	0.49	-108.22	4.09
34597	67.65	-9.87	15.47	-119.93	-23.95	-87.95	-1.37	-110.77	5.90
34598	68.03	-10.43	15.47	-112.91	-16.14	-80.15	-3.78	-114.06	8.85
34599	68.00	-9.25	15.47	-211.88	-69.78	-215.77	-34.08	-179.29	-59.72
34600	68.22	-9.74	15.47	-193.04	-58.20	-202.29	-31.10	-170.44	-52.19
34601	68.44	-10.22	15.47	-175.75	-46.09	-185.77	-29.14	-162.60	-43.60
34602	69.56	-12.24	15.47	-71.94	15.60	-30.54	-18.00	-131.31	30.66
34603	69.72	-11.67	15.47	-156.40	-29.11	-199.56	-49.45	-186.05	-57.09
34604	69.89	-11.09	15.47	-242.76	-80.59	-322.22	-87.22	-254.20	-134.22
34605	68.87	-11.75	15.47	-67.64	14.65	5.68	-3.68	-108.66	46.88
34606	69.11	-11.30	15.47	-138.32	-19.95	-148.13	-28.58	-155.98	-25.80
34607	69.35	-10.85	15.47	-211.93	-61.06	-261.41	-60.17	-212.63	-91.02
34608	68.21	-11.22	15.47	-60.26	12.64	38.45	6.64	-87.13	57.88
34609	68.52	-10.90	15.47	-119.28	-13.96	-99.53	-12.37	-128.82	-0.55
34610	68.82	-10.59	15.47	-181.45	-47.16	-204.31	-38.05	-176.64	-54.64
34611	69.86	-9.32	13.78	-212.71	-149.25	-1002.17	-227.18	-652.63	-491.49
34612	69.09	-9.29	13.78	-197.55	-101.10	-774.09	-198.84	-537.09	-373.23
34613	68.33	-9.26	13.78	-163.50	-53.68	-590.80	-162.97	-429.52	-269.23
34614	69.75	-9.96	13.78	-169.55	-117.28	-852.98	-212.06	-552.90	-427.17
34615	69.08	-9.87	13.78	-155.14	-77.49	-691.02	-184.91	-470.86	-333.11
34616	68.42	-9.77	13.78	-131.16	-39.22	-552.07	-155.26	-393.92	-248.28
34617	69.65	-10.60	13.78	-121.13	-81.63	-722.33	-191.62	-464.77	-357.89
34618	69.08	-10.44	13.78	-112.70	-52.36	-613.02	-169.68	-410.90	-288.88
34619	68.52	-10.27	13.78	-98.99	-23.36	-514.22	-146.28	-358.75	-223.50
34620	78.04	-9.57	13.78	25.56	-38.88	-2715.25	116.53	456.73	-570.31
34621	77.21	-9.56	13.78	95.70	-43.10	-2960.02	131.26	359.38	-653.35
34622	76.38	-9.55	13.78	202.70	-50.56	-3145.92	152.24	171.49	-760.92
34623	75.56	-9.54	13.78	292.63	-82.98	-3186.18	125.87	-96.86	-862.82
34624	74.73	-9.52	13.78	252.56	-152.64	-3104.16	77.39	-352.81	-935.74
34625	73.91	-9.49	13.78	139.61	-159.29	-2836.43	-40.67	-606.08	-932.08
34626	73.09	-9.46	13.78	159.07	-174.20	-2486.87	-90.24	-726.35	-916.89
34627	72.27	-9.43	13.78	-16.75	-227.21	-2109.20	-165.47	-858.49	-862.02
34628	71.46	-9.39	13.78	-129.84	-224.33	-1676.18	-220.56	-849.07	-757.30
34629	70.65	-9.35	13.78	-196.30	-193.95	-1299.82	-239.31	-766.56	-623.93
34630	78.02	-10.71	13.78	79.68	-42.59	-2461.20	139.27	341.33	-791.25
34631	77.16	-10.69	13.78	163.64	-57.79	-2633.81	137.13	198.21	-884.68
34632	76.31	-10.66	13.78	213.46	-91.75	-2743.58	110.45	19.91	-969.89
34633	75.46	-10.61	13.78	233.16	-144.19	-2712.63	7.17	-227.45	-1013.19
34634	74.62	-10.55	13.78	217.26	-218.87	-2573.89	-48.58	-417.58	-1031.84
34635	73.78	-10.48	13.78	105.53	-242.14	-2342.02	-88.39	-611.95	-995.80
34636	72.95	-10.39	13.78	74.90	-214.40	-2020.59	-158.96	-707.46	-918.64
34637	72.12	-10.30	13.78	-54.82	-218.61	-1680.47	-219.86	-761.82	-808.81
34638	71.30	-10.19	13.78	-132.06	-196.43	-1344.30	-239.72	-721.14	-673.71
34639	70.49	-10.06	13.78	-165.77	-158.20	-1065.23	-233.01	-640.69	-541.13
34640	78.01	-11.85	13.78	124.49	-133.96	-2016.88	119.49	211.04	-895.51
34641	77.12	-11.82	13.78	179.27	-167.82	-2124.88	86.74	70.28	-968.83
34642	76.25	-11.76	13.78	190.92	-218.94	-2173.94	40.99	-81.29	-1027.86
34643	75.38	-11.69	13.78	195.95	-212.02	-2131.72	-18.84	-261.37	-1030.39
34644	74.51	-11.59	13.78	207.33	-172.60	-1993.74	-86.58	-417.46	-979.81
34645	73.66	-11.47	13.78	113.73	-206.36	-1800.64	-151.33	-550.18	-919.90
34646	72.81	-11.33	13.78	17.91	-222.88	-1555.75	-210.46	-618.88	-825.37
34647	71.98	-11.17	13.78	-49.95	-195.66	-1301.10	-233.99	-623.66	-698.62
34648	71.15	-10.98	13.78	-97.88	-158.28	-1069.61	-232.47	-585.86	-568.94
34649	70.34	-10.78	13.78	-119.24	-116.98	-871.11	-214.37	-524.75	-450.24
34650	78.00	-12.99	13.78	153.82	-168.10	-1500.97	91.22	105.27	-843.53

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
34651	77.09	-12.95	13.78	188.42	-188.69	-1570.29	48.44	-3.86	-891.55
34652	76.19	-12.88	13.78	205.50	-202.67	-1584.36	-5.97	-129.01	-908.37
34653	75.30	-12.77	13.78	195.98	-232.33	-1553.96	-62.30	-249.95	-907.30
34654	74.41	-12.64	13.78	149.13	-250.06	-1470.95	-134.43	-369.58	-869.65
34655	73.54	-12.47	13.78	95.30	-225.74	-1327.18	-184.83	-451.15	-779.54
34656	72.68	-12.27	13.78	37.89	-190.66	-1160.19	-210.60	-486.12	-668.07
34657	71.84	-12.04	13.78	-12.02	-151.29	-996.02	-217.26	-486.36	-555.14
34658	71.01	-11.78	13.78	-45.39	-109.53	-842.83	-206.93	-461.47	-447.47
34659	70.20	-11.50	13.78	-63.50	-70.79	-704.37	-186.85	-421.12	-349.57
34660	77.98	-14.13	13.78	168.15	-207.14	-1037.74	52.95	30.81	-655.62
34661	77.06	-14.08	13.78	190.93	-222.86	-1082.21	11.71	-43.89	-687.04
34662	76.14	-13.99	13.78	198.91	-228.67	-1096.56	-37.29	-127.81	-693.91
34663	75.22	-13.86	13.78	189.06	-219.21	-1072.61	-88.83	-211.96	-669.50
34664	74.32	-13.69	13.78	163.55	-196.85	-1016.92	-132.29	-280.94	-618.93
34665	73.43	-13.47	13.78	123.88	-165.48	-941.64	-164.89	-331.88	-550.96
34666	72.56	-13.21	13.78	82.14	-126.38	-850.68	-180.77	-360.25	-470.62
34667	71.71	-12.92	13.78	44.52	-87.11	-751.67	-181.86	-365.82	-387.00
34668	70.87	-12.59	13.78	14.68	-51.34	-652.02	-172.12	-353.69	-307.11
34669	70.06	-12.22	13.78	-5.33	-20.26	-555.55	-155.45	-329.18	-234.01
34670	77.98	-15.27	13.78	191.95	-113.68	-720.84	11.63	-4.88	-350.24
34671	77.03	-15.22	13.78	209.26	-118.33	-750.06	-17.06	-48.70	-363.29
34672	76.09	-15.11	13.78	216.85	-114.90	-763.00	-49.77	-98.13	-362.82
34673	75.16	-14.95	13.78	211.86	-102.80	-757.94	-82.35	-148.20	-347.49
34674	74.24	-14.74	13.78	194.34	-82.98	-733.84	-110.38	-193.68	-317.81
34675	73.33	-14.48	13.78	167.65	-57.91	-692.07	-130.17	-228.93	-276.94
34676	72.45	-14.16	13.78	135.47	-30.91	-636.84	-140.45	-251.43	-229.62
34677	71.58	-13.80	13.78	102.91	-4.67	-572.18	-141.23	-260.36	-180.01
34678	70.74	-13.39	13.78	73.70	18.40	-502.21	-134.47	-256.61	-132.14
34679	69.93	-12.94	13.78	50.08	37.33	-431.23	-122.76	-242.35	-88.31
34680	66.09	-9.36	13.78	-15.78	76.49	-147.81	-59.50	-145.51	20.18
34681	66.60	-10.07	13.78	-7.20	75.19	-174.48	-66.17	-153.44	15.13
34682	67.16	-10.74	13.78	2.01	73.65	-205.43	-73.21	-163.58	10.13
34683	66.83	-9.31	13.78	-66.50	35.54	-287.43	-89.54	-239.43	-79.40
34684	67.20	-9.92	13.78	-50.50	37.61	-296.30	-93.57	-236.29	-79.32
34685	67.59	-10.52	13.78	-34.61	39.82	-307.06	-97.18	-233.49	-77.45
34686	67.58	-9.26	13.78	-117.59	-7.72	-433.54	-124.27	-330.73	-171.70
34687	67.79	-9.79	13.78	-94.65	-0.72	-423.28	-123.48	-315.12	-164.84
34688	68.02	-10.30	13.78	-72.16	6.64	-412.80	-122.70	-299.97	-155.26
34689	69.16	-12.45	13.78	32.04	51.90	-364.64	-109.16	-222.78	-53.31
34690	69.34	-11.83	13.78	-17.16	3.61	-473.59	-137.84	-301.23	-176.98
34691	69.52	-11.22	13.78	-69.10	-40.35	-597.84	-165.77	-379.85	-275.70
34692	68.45	-11.92	13.78	19.10	61.96	-304.41	-95.90	-202.37	-24.98
34693	68.71	-11.44	13.78	-23.40	20.34	-406.64	-121.94	-274.34	-132.94
34694	68.96	-10.96	13.78	-68.13	-18.26	-518.27	-147.78	-344.73	-221.91
34695	67.77	-11.36	13.78	10.59	70.19	-248.72	-83.50	-180.18	-2.11
34696	68.09	-11.02	13.78	-25.92	35.11	-343.44	-106.80	-246.61	-93.67
34697	68.41	-10.69	13.78	-64.03	0.38	-443.72	-130.24	-310.30	-172.72
34698	69.52	-9.34	12.09	34.03	-83.56	-1165.93	-217.77	-573.07	-502.66
34699	68.72	-9.31	12.09	3.20	-52.19	-961.36	-209.35	-508.98	-412.96
34700	67.93	-9.27	12.09	-12.41	-17.72	-785.45	-191.37	-435.45	-324.54
34701	69.40	-10.01	12.09	38.16	-68.88	-1038.27	-215.74	-508.05	-459.59
34702	68.71	-9.91	12.09	16.32	-40.16	-889.57	-204.85	-458.70	-382.55
34703	68.02	-9.81	12.09	3.02	-10.00	-757.40	-188.57	-404.02	-306.90
34704	69.29	-10.69	12.09	47.70	-50.24	-927.80	-207.98	-444.24	-404.15
34705	68.70	-10.52	12.09	30.65	-26.42	-826.88	-197.44	-409.50	-344.21
34706	68.11	-10.35	12.09	17.88	-1.12	-734.38	-183.40	-371.21	-284.00
34707	78.02	-9.60	12.09	227.00	-60.50	-2300.09	85.97	304.80	-623.57
34708	77.16	-9.60	12.09	291.64	-69.61	-2442.45	81.61	196.80	-681.95
34709	76.30	-9.58	12.09	342.94	-85.38	-2529.33	60.19	58.49	-736.67
34710	75.44	-9.57	12.09	367.06	-104.33	-2553.26	29.27	-95.40	-781.64
34711	74.58	-9.55	12.09	377.39	-116.27	-2496.10	-17.79	-261.79	-807.07
34712	73.73	-9.52	12.09	356.91	-140.00	-2362.64	-57.87	-414.48	-816.68
34713	72.88	-9.49	12.09	276.50	-151.30	-2160.02	-114.61	-537.14	-795.44
34714	72.03	-9.46	12.09	223.74	-140.86	-1914.56	-158.92	-600.97	-745.76
34715	71.18	-9.42	12.09	149.52	-130.52	-1659.44	-193.09	-632.00	-676.30
34716	70.34	-9.37	12.09	83.64	-110.38	-1401.49	-213.32	-618.59	-592.86
34717	78.00	-10.81	12.09	245.55	-76.92	-2063.78	82.31	213.38	-727.65
34718	77.11	-10.79	12.09	293.71	-91.16	-2175.65	62.48	106.68	-780.79
34719	76.22	-10.75	12.09	335.33	-106.68	-2231.14	29.80	-26.64	-821.16
34720	75.33	-10.70	12.09	350.43	-121.85	-2225.45	-1.47	-166.62	-848.61
34721	74.45	-10.64	12.09	336.27	-129.14	-2152.78	-52.81	-307.42	-852.73
34722	73.58	-10.56	12.09	309.94	-136.40	-2015.99	-110.58	-425.60	-826.77
34723	72.72	-10.47	12.09	242.10	-146.21	-1837.58	-151.91	-511.96	-777.12
34724	71.86	-10.37	12.09	188.31	-137.49	-1633.53	-185.35	-555.55	-711.77
34725	71.01	-10.25	12.09	126.50	-121.24	-1423.41	-209.05	-568.70	-632.71
34726	70.17	-10.12	12.09	74.22	-96.72	-1216.82	-218.58	-548.56	-544.50
34727	77.99	-12.02	12.09	251.81	-113.71	-1754.21	70.12	129.66	-765.81
34728	77.06	-11.99	12.09	289.64	-127.54	-1837.67	40.97	32.34	-811.83
34729	76.15	-11.93	12.09	319.32	-136.90	-1874.08	0.28	-83.18	-838.80
34730	75.24	-11.85	12.09	323.36	-152.82	-1856.49	-48.91	-203.43	-843.88
34731	74.34	-11.74	12.09	295.67	-169.74	-1789.07	-96.08	-311.95	-826.54
34732	73.45	-11.62	12.09	265.74	-161.39	-1678.41	-140.08	-398.20	-782.73
34733	72.57	-11.47	12.09	219.82	-145.72	-1538.02	-173.90	-460.17	-719.74
34734	71.70	-11.29	12.09	166.14	-128.92	-1379.45	-199.67	-491.46	-645.19
34735	70.85	-11.10	12.09	116.74	-105.27	-1216.00	-212.98	-494.16	-562.84
34736	70.01	-10.88	12.09	75.29	-76.95	-1057.69	-214.59	-474.55	-477.79
34737	77.97	-13.23	12.09	249.07	-156.84	-1429.07	48.06	61.11	-709.97
34738	77.02	-13.19	12.09	278.33	-170.02	-1488.53	13.13	-20.38	-744.41
34739	76.08	-13.11	12.09	293.23	-179.68	-1514.70	-28.26	-109.92	-760.73
34740	75.15	-13.00	12.09	292.46	-176.18	-1502.14	-74.53	-201.03	-751.98
34741	74.23	-12.85	12.09	277.29	-164.05	-1452.86	-115.66	-281.90	-720.77
34742	73.32	-12.67	12.09	244.00	-152.48	-1376.12	-152.85	-347.12	-674.76
34743	72.43	-12.46	12.09	202.04	-134.26	-1276.87	-181.63	-392.11	-614.42
34744	71.55	-12.22	12.09	158.82	-109.31	-1163.21	-198.73	-413.72	-543.46
34745	70.69	-11.95	12.09	118.32	-80.87	-1044.75	-205.11	-414.37	-468.16
34746	69.85	-11.64	12.09	83.73	-50.70	-927.92	-202.11	-398.75	-392.38
34747	77.96	-14.44	12.09	242.91	-155.08	-1157.10	23.11	15.25	-565.41
34748	76.99	-14.39	12.09	264.87	-162.77	-1202.17	-10.22	-44.98	-587.54
34749	76.03	-14.30	12.09	275.53	-164.05	-1223.92	-47.76	-110.16	-593.94



Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
34750	75.07	-14.15	12.09	272.59	-159.49	-1222.24	-85.96	-174.61	-584.69
34751	74.13	-13.97	12.09	256.05	-147.39	-1196.49	-122.36	-233.99	-559.00
34752	73.21	-13.74	12.09	229.75	-127.02	-1147.54	-151.97	-281.62	-517.70
34753	72.30	-13.47	12.09	196.47	-101.84	-1081.39	-172.88	-313.99	-465.89
34754	71.41	-13.15	12.09	160.77	-73.82	-1003.88	-184.38	-330.74	-408.23
34755	70.54	-12.80	12.09	126.59	-44.69	-919.96	-187.05	-332.78	-348.29
34756	69.70	-12.41	12.09	96.09	-16.06	-833.88	-182.48	-322.62	-288.85
34757	77.95	-15.66	12.09	231.28	-106.78	-1007.90	0.57	-3.96	-363.52
34758	76.96	-15.60	12.09	248.13	-109.22	-1047.62	-26.55	-44.13	-375.71
34759	75.98	-15.48	12.09	256.30	-105.91	-1070.77	-56.16	-88.07	-377.69
34760	75.01	-15.31	12.09	254.52	-96.27	-1075.39	-85.84	-132.50	-368.53
34761	74.05	-15.09	12.09	242.79	-80.82	-1061.40	-112.75	-173.43	-348.88
34762	73.10	-14.81	12.09	222.34	-60.76	-1030.19	-134.68	-207.73	-320.40
34763	72.18	-14.48	12.09	195.97	-37.56	-983.86	-149.91	-232.78	-285.29
34764	71.28	-14.09	12.09	166.62	-13.30	-925.61	-157.98	-247.35	-246.46
34765	70.40	-13.66	12.09	137.11	10.40	-859.13	-159.41	-251.71	-206.68
34766	69.56	-13.18	12.09	109.71	32.50	-788.39	-155.30	-246.80	-167.65
34767	65.61	-9.38	12.09	7.63	102.60	-434.09	-101.80	-187.36	-40.22
34768	66.13	-10.13	12.09	19.42	96.50	-479.06	-109.15	-192.00	-50.24
34769	66.70	-10.84	12.09	33.24	89.95	-528.72	-116.85	-197.84	-60.77
34770	66.38	-9.33	12.09	-9.21	59.28	-518.14	-136.15	-273.94	-139.77
34771	66.75	-9.98	12.09	6.93	57.49	-546.57	-140.38	-267.38	-141.89
34772	67.15	-10.61	12.09	22.67	55.37	-578.39	-143.44	-261.03	-142.48
34773	67.15	-9.28	12.09	-16.60	19.55	-637.56	-165.81	-355.91	-232.81
34774	67.37	-9.83	12.09	-0.60	22.22	-642.19	-166.59	-338.91	-227.05
34775	67.60	-10.37	12.09	16.06	25.09	-649.16	-166.39	-321.86	-218.25
34776	68.77	-12.66	12.09	85.75	51.82	-718.14	-147.53	-236.35	-133.92
34777	68.95	-12.00	12.09	71.84	8.60	-756.56	-173.90	-306.65	-239.32
34778	69.14	-11.35	12.09	58.95	-24.43	-832.41	-193.90	-375.80	-330.43
34779	68.03	-12.10	12.09	65.37	67.52	-650.76	-138.05	-224.03	-104.12
34780	68.30	-11.58	12.09	53.22	28.26	-689.96	-163.67	-289.05	-198.44
34781	68.56	-11.08	12.09	42.73	-3.06	-758.06	-183.78	-352.35	-281.93
34782	67.33	-11.50	12.09	48.49	81.44	-586.25	-127.19	-208.84	-77.85
34783	67.67	-11.14	12.09	38.04	46.87	-626.02	-151.86	-268.89	-160.01
34784	68.00	-10.79	12.09	29.39	16.05	-687.65	-171.63	-327.05	-235.54
34785	69.18	-9.35	10.41	194.74	-63.91	-1223.22	-227.55	-453.11	-482.79
34786	68.36	-9.32	10.41	149.65	-37.35	-1058.98	-225.76	-411.09	-415.71
34787	67.53	-9.29	10.41	109.63	-7.14	-912.32	-215.06	-358.84	-346.09
34788	69.05	-10.06	10.41	174.92	-54.16	-1134.89	-228.53	-411.08	-452.99
34789	68.33	-9.96	10.41	140.38	-28.99	-1014.10	-223.67	-377.30	-393.63
34790	67.62	-9.86	10.41	108.89	-1.52	-903.96	-213.09	-337.55	-333.12
34791	68.93	-10.78	10.41	158.66	-40.90	-1063.48	-223.42	-367.46	-410.57
34792	68.32	-10.60	10.41	132.68	-19.12	-980.10	-217.57	-342.77	-363.62
34793	67.71	-10.42	10.41	107.92	5.17	-901.87	-207.68	-314.55	-315.35
34794	78.00	-9.64	10.41	329.10	-93.55	-2004.29	38.57	189.99	-603.57
34795	77.11	-9.63	10.41	377.49	-99.50	-2101.75	22.61	103.78	-642.16
34796	76.21	-9.62	10.41	416.09	-106.53	-2161.43	0.84	2.11	-675.75
34797	75.32	-9.60	10.41	441.29	-113.44	-2173.90	-28.72	-110.29	-700.49
34798	74.43	-9.58	10.41	444.51	-121.16	-2136.45	-62.54	-221.63	-713.77
34799	73.55	-9.55	10.41	427.56	-123.28	-2051.34	-103.14	-321.47	-710.44
34800	72.66	-9.52	10.41	399.62	-122.47	-1924.98	-140.55	-402.46	-690.79
34801	71.78	-9.48	10.41	349.77	-118.32	-1766.29	-175.33	-458.63	-655.76
34802	70.90	-9.44	10.41	298.52	-105.37	-1586.97	-202.39	-482.44	-606.91
34803	70.03	-9.39	10.41	244.97	-86.81	-1401.83	-220.09	-479.23	-547.88
34804	77.98	-10.92	10.41	321.03	-110.99	-1815.39	32.85	125.38	-662.54
34805	77.05	-10.89	10.41	363.09	-118.10	-1896.16	9.79	41.17	-698.57
34806	76.12	-10.85	10.41	391.76	-125.74	-1939.73	-19.16	-53.69	-725.07
34807	75.20	-10.80	10.41	406.05	-132.32	-1941.24	-55.94	-153.13	-737.46
34808	74.29	-10.73	10.41	403.64	-137.26	-1899.56	-93.50	-248.25	-734.05
34809	73.39	-10.65	10.41	381.38	-137.50	-1819.64	-129.85	-329.59	-716.31
34810	72.49	-10.55	10.41	350.79	-129.91	-1707.40	-165.59	-391.54	-683.25
34811	71.60	-10.44	10.41	306.97	-118.18	-1572.55	-194.29	-430.31	-636.04
34812	70.72	-10.32	10.41	261.70	-100.48	-1424.68	-214.68	-443.63	-579.20
34813	69.85	-10.18	10.41	215.75	-78.16	-1273.22	-226.11	-435.57	-516.00
34814	77.97	-12.20	10.41	306.33	-137.75	-1600.75	21.81	66.56	-669.63
34815	77.00	-12.16	10.41	340.21	-145.18	-1666.49	-6.86	-8.83	-700.07
34816	76.04	-12.10	10.41	360.86	-151.39	-1699.62	-40.56	-91.28	-717.43
34817	75.10	-12.01	10.41	367.81	-152.82	-1698.60	-76.87	-173.75	-720.06
34818	74.16	-11.90	10.41	361.87	-148.35	-1663.47	-114.87	-250.89	-706.62
34819	73.24	-11.76	10.41	339.34	-142.14	-1597.78	-150.13	-315.38	-678.26
34820	72.32	-11.60	10.41	307.78	-130.46	-1508.05	-180.44	-361.36	-637.17
34821	71.42	-11.42	10.41	270.59	-112.59	-1402.00	-203.01	-388.17	-586.04
34822	70.54	-11.21	10.41	230.67	-90.41	-1286.22	-217.74	-395.83	-528.08
34823	69.67	-10.98	10.41	191.04	-64.84	-1166.67	-224.28	-386.65	-466.22
34824	77.95	-13.48	10.41	286.27	-155.84	-1395.32	8.16	19.78	-615.32
34825	76.96	-13.43	10.41	312.19	-161.99	-1449.64	-22.21	-41.91	-639.13
34826	75.98	-13.35	10.41	327.57	-163.62	-1478.61	-56.76	-108.29	-649.40
34827	75.00	-13.23	10.41	330.23	-161.65	-1481.07	-92.46	-173.84	-645.76
34828	74.05	-13.07	10.41	319.95	-154.61	-1457.98	-127.46	-233.25	-628.18
34829	73.10	-12.88	10.41	300.19	-140.28	-1411.59	-158.12	-281.87	-597.27
34830	72.17	-12.66	10.41	272.55	-121.05	-1346.63	-182.80	-316.55	-556.14
34831	71.26	-12.40	10.41	239.83	-98.30	-1268.13	-200.58	-336.21	-507.90
34832	70.37	-12.11	10.41	205.30	-72.60	-1180.72	-210.81	-341.15	-455.04
34833	69.50	-11.79	10.41	171.06	-44.88	-1088.82	-213.70	-333.17	-399.49
34834	77.94	-14.76	10.41	261.53	-151.08	-1242.54	-4.90	-10.66	-505.78
34835	76.92	-14.70	10.41	281.27	-155.16	-1289.71	-33.65	-57.24	-522.60
34836	75.92	-14.60	10.41	291.96	-154.04	-1318.28	-65.03	-106.63	-528.57
34837	74.92	-14.45	10.41	292.81	-146.65	-1326.80	-96.94	-155.34	-522.73
34838	73.94	-14.25	10.41	283.97	-133.53	-1315.60	-126.62	-199.34	-505.80
34839	72.98	-14.01	10.41	266.30	-115.97	-1286.62	-152.38	-235.69	-479.62
34840	72.04	-13.72	10.41	242.26	-94.38	-1242.02	-172.63	-262.22	-445.87
34841	71.11	-13.39	10.41	214.35	-69.83	-1184.79	-186.46	-277.70	-406.70
34842	70.21	-13.01	10.41	184.78	-43.58	-1118.38	-193.70	-282.32	-364.30
34843	69.34	-12.60	10.41	155.37	-16.66	-1046.03	-194.68	-277.35	-320.40
34844	77.93	-16.04	10.41	233.50	-106.65	-1177.58	-12.50	-23.69	-366.70
34845	76.90	-15.98	10.41	248.67	-107.62	-1222.52	-36.68	-55.88	-377.50
34846	75.87	-15.86	10.41	256.85	-103.86	-1252.46	-62.64	-90.25	-380.86
34847	74.86	-15.68	10.41	257.22	-95.23	-1266.29	-88.65	-124.50	-376.47
34848	73.86	-15.44	10.41	249.85	-81.89	-1263.57	-112.93	-156.29	-364.52

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
34849	72.87	-15.14	10.41	235.63	-64.50	-1244.68	-133.78	-183.29	-345.79
34850	71.91	-14.79	10.41	215.99	-44.24	-1211.06	-150.03	-203.82	-321.80
34851	70.98	-14.38	10.41	192.78	-22.28	-1164.78	-161.07	-217.02	-294.20
34852	70.07	-13.92	10.41	167.85	0.25	-1108.30	-166.85	-222.81	-264.62
34853	69.19	-13.41	10.41	142.90	22.48	-1044.51	-167.64	-221.65	-234.15
34854	65.12	-9.40	10.41	31.39	110.11	-660.23	-130.50	-188.15	-109.91
34855	65.66	-10.19	10.41	46.22	100.96	-716.10	-137.10	-190.59	-123.12
34856	66.24	-10.95	10.41	59.65	90.17	-776.68	-142.65	-193.91	-136.98
34857	65.92	-9.35	10.41	48.32	67.18	-704.35	-166.85	-243.20	-192.87
34858	66.30	-10.03	10.41	59.60	62.63	-749.02	-169.51	-239.91	-197.39
34859	66.71	-10.69	10.41	71.35	57.99	-796.13	-170.51	-235.66	-200.90
34860	66.72	-9.29	10.41	73.14	27.62	-791.66	-194.91	-301.28	-270.78
34861	66.94	-9.88	10.41	79.96	28.68	-813.20	-194.91	-290.15	-267.66
34862	67.18	-10.45	10.41	87.97	29.72	-837.62	-193.28	-278.48	-261.80
34863	68.37	-12.86	10.41	119.28	43.29	-977.35	-164.47	-216.08	-206.44
34864	68.57	-12.17	10.41	129.52	7.66	-976.95	-191.18	-267.18	-282.46
34865	68.77	-11.48	10.41	142.64	-20.03	-1009.48	-210.90	-318.07	-352.51
34866	67.61	-12.27	10.41	97.56	61.24	-909.41	-158.87	-208.94	-180.21
34867	67.89	-11.73	10.41	107.91	27.81	-913.81	-185.04	-255.15	-249.60
34868	68.17	-11.19	10.41	121.25	0.70	-944.61	-204.85	-301.30	-314.40
34869	66.89	-11.64	10.41	77.81	78.05	-841.66	-150.94	-199.60	-155.54
34870	67.24	-11.26	10.41	87.97	47.60	-851.18	-176.56	-240.97	-217.49
34871	67.59	-10.89	10.41	100.93	19.44	-881.65	-196.11	-282.81	-276.77
34872	68.84	-9.37	8.72	333.27	-65.10	-1254.22	-253.56	-337.61	-462.87
34873	67.99	-9.34	8.72	291.40	-37.46	-1121.22	-256.22	-296.05	-414.91
34874	67.14	-9.30	8.72	244.55	-5.32	-995.48	-250.56	-246.72	-364.61
34875	68.70	-10.12	8.72	292.30	-53.37	-1199.87	-254.64	-311.51	-444.20
34876	67.95	-10.01	8.72	259.38	-27.38	-1100.60	-253.83	-278.58	-401.46
34877	67.22	-9.90	8.72	223.20	1.81	-1005.22	-247.47	-241.17	-357.48
34878	68.57	-10.87	8.72	253.19	-38.47	-1161.73	-248.01	-284.64	-414.44
34879	67.93	-10.69	8.72	229.05	-16.45	-1090.89	-245.74	-260.52	-380.55
34880	67.31	-10.49	8.72	202.81	9.53	-1020.71	-239.03	-233.79	-345.57
34881	77.98	-9.67	8.72	378.30	-129.83	-1787.86	-4.56	102.98	-563.75
34882	77.06	-9.66	8.72	420.63	-133.25	-1863.28	-23.70	33.73	-591.40
34883	76.13	-9.65	8.72	454.70	-136.60	-1909.61	-47.72	-44.07	-613.55
34884	75.20	-9.63	8.72	477.07	-139.34	-1923.25	-75.77	-125.04	-628.23
34885	74.28	-9.61	8.72	486.92	-139.96	-1902.50	-107.36	-203.47	-633.39
34886	73.36	-9.58	8.72	483.58	-138.33	-1847.93	-139.64	-273.15	-628.28
34887	72.45	-9.54	8.72	466.79	-132.72	-1763.30	-171.78	-327.35	-612.38
34888	71.54	-9.50	8.72	442.10	-122.44	-1654.57	-200.80	-361.85	-586.15
34889	70.63	-9.46	8.72	409.21	-108.01	-1528.54	-225.19	-374.95	-551.12
34890	69.72	-9.41	8.72	372.41	-88.37	-1391.76	-243.19	-365.68	-509.23
34891	77.96	-11.02	8.72	354.72	-143.82	-1648.46	-11.05	54.54	-601.62
34892	76.99	-10.99	8.72	390.73	-147.81	-1714.83	-34.92	-10.76	-627.08
34893	76.03	-10.95	8.72	418.02	-150.56	-1753.69	-63.18	-81.90	-644.05
34894	75.07	-10.89	8.72	433.91	-151.29	-1762.57	-94.08	-153.79	-651.29
34895	74.13	-10.82	8.72	437.54	-149.00	-1741.58	-126.85	-220.55	-647.93
34896	73.19	-10.73	8.72	430.41	-143.11	-1692.48	-159.46	-277.32	-633.25
34897	72.26	-10.63	8.72	412.41	-133.57	-1619.40	-189.16	-319.23	-608.36
34898	71.34	-10.52	8.72	387.86	-119.23	-1527.35	-214.94	-343.50	-574.92
34899	70.42	-10.39	8.72	357.79	-100.52	-1421.89	-235.06	-349.29	-534.52
34900	69.52	-10.24	8.72	325.08	-77.56	-1308.17	-248.53	-337.02	-489.37
34901	77.94	-12.37	8.72	325.96	-158.45	-1504.94	-18.68	11.68	-598.90
34902	76.94	-12.33	8.72	355.53	-162.14	-1563.33	-45.40	-45.97	-620.80
34903	75.94	-12.26	8.72	376.34	-163.09	-1597.87	-75.55	-107.11	-632.87
34904	74.96	-12.17	8.72	386.78	-160.95	-1607.00	-107.79	-167.48	-634.03
34905	73.99	-12.05	8.72	386.24	-155.22	-1591.24	-139.82	-221.95	-624.26
34906	73.03	-11.90	8.72	376.64	-144.65	-1552.85	-170.07	-266.52	-604.29
34907	72.08	-11.74	8.72	358.92	-129.74	-1495.05	-196.76	-298.31	-575.40
34908	71.15	-11.54	8.72	335.48	-110.81	-1421.78	-218.70	-315.17	-539.40
34909	70.23	-11.33	8.72	308.45	-88.09	-1337.25	-234.77	-316.92	-498.34
34910	69.33	-11.08	8.72	279.24	-62.32	-1245.09	-244.66	-304.75	-454.32
34911	77.93	-13.72	8.72	293.18	-163.62	-1381.87	-25.50	-21.95	-552.54
34912	76.89	-13.67	8.72	316.76	-166.30	-1434.42	-52.68	-69.25	-570.04
34913	75.87	-13.58	8.72	332.10	-165.24	-1467.43	-82.33	-118.48	-577.98
34914	74.86	-13.45	8.72	338.47	-159.59	-1479.99	-112.93	-166.09	-575.80
34915	73.86	-13.29	8.72	336.06	-149.26	-1472.41	-142.55	-208.58	-563.81
34916	72.88	-13.09	8.72	325.42	-134.86	-1446.27	-169.67	-242.82	-543.16
34917	71.92	-12.85	8.72	308.44	-116.37	-1403.88	-192.80	-266.58	-515.29
34918	70.98	-12.58	8.72	287.05	-94.23	-1348.04	-210.94	-278.70	-481.97
34919	70.05	-12.27	8.72	262.84	-69.19	-1281.62	-223.59	-279.16	-445.02
34920	69.15	-11.93	8.72	236.96	-41.77	-1207.22	-230.55	-268.95	-405.74
34921	77.92	-15.07	8.72	257.95	-148.03	-1303.77	-28.75	-44.31	-470.66
34922	76.86	-15.01	8.72	276.24	-149.23	-1353.13	-53.85	-79.97	-483.78
34923	75.81	-14.90	8.72	287.65	-146.09	-1386.69	-80.81	-116.82	-489.02
34924	74.77	-14.74	8.72	291.51	-138.49	-1403.62	-108.04	-152.27	-486.25
34925	73.76	-14.53	8.72	287.96	-126.38	-1403.87	-134.05	-183.86	-475.82
34926	72.75	-14.28	8.72	277.95	-109.94	-1388.11	-157.35	-209.40	-458.55
34927	71.77	-13.97	8.72	262.65	-89.96	-1357.75	-176.84	-227.31	-435.80
34928	70.82	-13.62	8.72	243.59	-67.24	-1314.59	-191.86	-236.82	-409.06
34929	69.89	-13.23	8.72	222.26	-42.50	-1260.56	-202.03	-237.83	-379.66
34930	68.98	-12.79	8.72	199.70	-16.38	-1197.62	-207.24	-231.07	-348.66
34931	77.91	-16.43	8.72	221.21	-107.41	-1285.88	-25.58	-55.55	-372.78
34932	76.83	-16.36	8.72	235.34	-107.14	-1334.53	-46.83	-80.01	-382.25
34933	75.76	-16.23	8.72	244.00	-102.99	-1369.68	-69.51	-105.38	-386.24
34934	74.71	-16.04	8.72	246.72	-94.78	-1390.25	-92.39	-130.05	-384.53
34935	73.67	-15.79	8.72	243.52	-82.70	-1395.79	-114.16	-152.38	-377.39
34936	72.65	-15.47	8.72	234.91	-67.26	-1386.40	-133.68	-170.94	-365.45
34937	71.65	-15.10	8.72	221.83	-49.08	-1362.69	-150.08	-184.63	-349.59
34938	70.67	-14.67	8.72	205.45	-28.90	-1325.71	-162.81	-192.84	-330.80
34939	69.73	-14.19	8.72	186.98	-7.49	-1276.85	-171.64	-195.47	-310.10
34940	68.82	-13.65	8.72	167.74	14.58	-1217.87	-176.51	-192.78	-288.10
34941	64.64	-9.42	8.72	79.63	133.12	-790.11	-170.17	-157.12	-184.35
34942	65.18	-10.25	8.72	80.86	113.28	-857.30	-168.10	-162.81	-196.06
34943	65.78	-11.05	8.72	97.90	95.29	-929.35	-170.78	-164.38	-209.50
34944	65.47	-9.37	8.72	121.91	78.39	-813.90	-207.01	-171.31	-250.09
34945	65.85	-10.08	8.72	128.59	72.87	-875.10	-205.23	-176.72	-256.02
34946	66.27	-10.78	8.72	132.50	64.18	-938.96	-201.37	-182.42	-259.72
34947	66.30	-9.31	8.72	185.55	33.70	-887.30	-234.21	-200.22	-309.42

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
34948	66.52	-9.92	8.72	177.49	34.90	-926.60	-231.39	-204.53	-309.34
34949	66.75	-10.52	8.72	170.79	35.33	-967.22	-226.11	-206.60	-305.75
34950	67.98	-13.07	8.72	148.54	36.74	-1151.80	-177.92	-186.51	-267.53
34951	68.18	-12.33	8.72	178.86	8.32	-1133.34	-208.40	-219.96	-321.57
34952	68.39	-11.61	8.72	213.82	-16.69	-1138.97	-232.00	-253.09	-372.37
34953	67.19	-12.45	8.72	130.26	56.98	-1080.85	-177.09	-178.99	-247.00
34954	67.48	-11.87	8.72	161.28	29.36	-1070.34	-206.95	-207.15	-297.47
34955	67.78	-11.30	8.72	195.77	4.40	-1079.36	-229.88	-236.01	-344.96
34956	66.45	-11.78	8.72	112.94	77.53	-1006.11	-174.05	-169.84	-226.39
34957	66.81	-11.38	8.72	143.97	50.92	-1004.29	-203.15	-192.40	-273.10
34958	67.18	-10.98	8.72	176.80	23.42	-1018.59	-225.08	-217.41	-317.16
34959	68.50	-9.39	7.03	492.18	-75.59	-1290.06	-293.93	-252.70	-447.70
34960	67.62	-9.35	7.03	478.66	-44.28	-1182.78	-305.86	-198.35	-417.19
34961	66.74	-9.32	7.03	457.83	-6.16	-1070.57	-312.26	-130.73	-386.81
34962	68.35	-10.17	7.03	426.16	-57.91	-1259.72	-296.93	-237.09	-440.40
34963	67.58	-10.06	7.03	413.72	-28.40	-1177.05	-304.87	-194.91	-413.22
34964	66.81	-9.94	7.03	395.99	6.47	-1089.88	-309.28	-144.84	-386.49
34965	68.20	-10.96	7.03	358.24	-37.10	-1243.83	-288.23	-222.62	-422.73
34966	67.55	-10.77	7.03	348.98	-12.76	-1181.70	-293.85	-192.08	-401.06
34967	66.90	-10.57	7.03	337.63	18.57	-1114.58	-295.35	-156.89	-379.63
34968	77.97	-9.71	7.03	397.20	-162.82	-1623.44	-40.62	30.67	-520.58
34969	77.00	-9.70	7.03	436.54	-164.90	-1687.26	-61.63	-26.05	-540.75
34970	76.04	-9.68	7.03	469.71	-166.10	-1729.14	-85.95	-86.97	-556.03
34971	75.09	-9.66	7.03	495.32	-165.83	-1746.78	-113.19	-148.40	-565.29
34972	74.13	-9.63	7.03	512.39	-163.58	-1739.26	-142.35	-205.85	-567.69
34973	73.18	-9.60	7.03	521.10	-158.60	-1707.42	-172.52	-254.59	-562.70
34974	72.23	-9.57	7.03	522.83	-150.42	-1653.43	-202.19	-290.51	-550.39
34975	71.29	-9.53	7.03	518.73	-138.44	-1580.58	-230.25	-309.99	-531.40
34976	70.35	-9.48	7.03	511.51	-121.98	-1492.81	-255.47	-310.50	-506.82
34977	69.41	-9.43	7.03	502.44	-100.70	-1394.05	-276.97	-290.97	-478.26
34978	77.94	-11.12	7.03	362.40	-172.39	-1526.77	-47.20	-6.12	-550.08
34979	76.94	-11.09	7.03	396.39	-174.29	-1586.27	-71.22	-58.72	-568.83
34980	75.94	-11.05	7.03	423.74	-174.41	-1624.93	-98.21	-113.88	-580.89
34981	74.95	-10.99	7.03	443.49	-172.17	-1641.43	-127.40	-167.80	-585.42
34982	73.96	-10.91	7.03	455.42	-167.04	-1635.61	-157.56	-216.58	-582.04
34983	72.99	-10.82	7.03	459.87	-158.50	-1608.79	-187.42	-256.16	-571.03
34984	72.03	-10.71	7.03	458.54	-146.07	-1563.24	-215.90	-283.34	-553.02
34985	71.07	-10.59	7.03	452.81	-129.66	-1501.92	-241.82	-295.65	-529.13
34986	70.13	-10.46	7.03	444.78	-109.05	-1427.92	-264.47	-291.59	-500.97
34987	69.20	-10.31	7.03	435.83	-84.14	-1343.94	-283.26	-270.79	-470.23
34988	77.92	-12.54	7.03	323.72	-178.11	-1438.61	-52.03	-38.82	-548.36
34989	76.88	-12.50	7.03	351.86	-179.36	-1494.45	-77.39	-84.70	-564.85
34990	75.84	-12.43	7.03	373.51	-177.79	-1531.77	-105.20	-131.83	-573.73
34991	74.82	-12.33	7.03	388.00	-172.86	-1549.70	-134.32	-176.78	-574.61
34992	73.81	-12.20	7.03	395.48	-164.19	-1548.45	-163.60	-216.28	-567.59
34993	72.82	-12.05	7.03	396.56	-151.73	-1529.16	-191.78	-247.25	-553.27
34994	71.84	-11.87	7.03	392.68	-135.30	-1493.72	-217.82	-267.20	-532.77
34995	70.87	-11.67	7.03	385.40	-114.94	-1444.37	-240.91	-274.58	-507.50
34996	69.92	-11.44	7.03	376.24	-90.75	-1383.23	-260.62	-268.56	-479.05
34997	68.99	-11.19	7.03	366.34	-62.95	-1312.04	-276.90	-249.25	-449.12
34998	77.91	-13.97	7.03	282.83	-172.11	-1375.26	-53.38	-65.03	-514.37
34999	76.83	-13.91	7.03	305.33	-172.40	-1428.66	-78.04	-102.28	-528.04
35000	75.76	-13.81	7.03	321.94	-169.08	-1466.17	-104.60	-139.87	-534.43
35001	74.71	-13.68	7.03	332.19	-161.88	-1487.05	-131.88	-175.15	-533.39
35002	73.68	-13.50	7.03	336.22	-150.65	-1491.34	-158.70	-205.51	-525.31
35003	72.66	-13.29	7.03	334.88	-135.36	-1479.78	-183.96	-228.71	-510.96
35004	71.66	-13.04	7.03	329.25	-116.27	-1453.58	-206.82	-243.06	-491.52
35005	70.69	-12.76	7.03	320.68	-93.69	-1414.18	-226.71	-247.47	-468.35
35006	69.73	-12.43	7.03	310.46	-67.85	-1362.99	-243.33	-241.53	-442.83
35007	68.80	-12.08	7.03	299.40	-38.62	-1301.11	-256.69	-225.48	-416.13
35008	77.90	-15.39	7.03	241.34	-148.99	-1349.48	-49.39	-83.54	-454.35
35009	76.79	-15.32	7.03	258.96	-148.28	-1401.88	-71.54	-111.20	-465.07
35010	75.70	-15.21	7.03	271.53	-143.87	-1440.48	-95.14	-138.76	-469.86
35011	74.63	-15.04	7.03	278.72	-135.52	-1464.45	-119.16	-164.37	-468.69
35012	73.57	-14.82	7.03	280.66	-123.28	-1473.49	-142.52	-186.21	-461.94
35013	72.53	-14.54	7.03	277.89	-107.41	-1467.82	-164.31	-202.73	-450.35
35014	71.51	-14.22	7.03	271.34	-88.22	-1448.00	-183.84	-212.79	-434.87
35015	70.52	-13.85	7.03	262.12	-66.10	-1414.84	-200.65	-215.69	-416.55
35016	69.56	-13.44	7.03	251.35	-41.35	-1369.22	-214.52	-211.20	-396.45
35017	68.62	-12.98	7.03	239.73	-14.15	-1311.94	-225.39	-199.55	-375.40
35018	77.89	-16.81	7.03	200.55	-108.85	-1364.98	-38.59	-94.70	-381.21
35019	76.77	-16.74	7.03	214.30	-107.44	-1417.52	-57.03	-112.84	-389.35
35020	75.66	-16.61	7.03	224.00	-102.85	-1457.51	-76.75	-130.83	-393.39
35021	74.56	-16.40	7.03	229.31	-94.96	-1483.92	-96.88	-147.50	-393.31
35022	73.48	-16.14	7.03	230.23	-83.80	-1496.08	-116.54	-161.75	-389.37
35023	72.42	-15.81	7.03	227.11	-69.61	-1493.71	-134.94	-172.61	-382.00
35024	71.38	-15.42	7.03	220.57	-52.74	-1476.87	-151.48	-179.37	-371.85
35025	70.37	-14.96	7.03	211.39	-33.60	-1445.89	-165.79	-181.58	-359.61
35026	69.40	-14.45	7.03	200.52	-12.51	-1401.26	-177.73	-179.14	-345.96
35027	68.46	-13.89	7.03	189.22	10.39	-1343.64	-187.24	-172.13	-331.26
35028	64.15	-9.44	7.03	130.84	189.16	-798.64	-230.23	-89.34	-265.76
35029	64.71	-10.32	7.03	183.62	159.94	-896.68	-239.26	-92.77	-268.29
35030	65.32	-11.15	7.03	160.54	121.90	-1007.99	-219.20	-116.59	-276.65
35031	65.01	-9.38	7.03	313.28	117.79	-840.78	-290.26	-21.46	-320.26
35032	65.40	-10.14	7.03	276.04	98.94	-943.11	-278.70	-77.41	-322.66
35033	65.83	-10.87	7.03	236.18	85.82	-1029.20	-261.44	-116.35	-320.36
35034	65.87	-9.32	7.03	410.08	45.61	-955.37	-308.86	-62.15	-355.26
35035	66.09	-9.97	7.03	352.92	48.89	-1009.11	-302.32	-99.66	-357.97
35036	66.33	-10.60	7.03	301.09	50.10	-1061.63	-288.19	-128.50	-353.49
35037	67.58	-13.27	7.03	177.77	35.54	-1275.17	-194.69	-161.57	-317.55
35038	67.80	-12.50	7.03	229.47	13.36	-1249.29	-233.70	-183.58	-357.48
35039	68.02	-11.74	7.03	289.79	-10.84	-1240.31	-265.50	-204.29	-394.11
35040	66.77	-12.62	7.03	167.58	60.63	-1196.94	-201.42	-149.00	-303.65
35041	67.08	-12.01	7.03	223.30	38.26	-1183.27	-240.93	-165.14	-341.98
35042	67.38	-11.42	7.03	284.80	13.13	-1182.89	-271.42	-181.63	-376.65
35043	66.00	-11.92	7.03	159.24	89.74	-1108.02	-207.86	-133.13	-289.06
35044	66.39	-11.50	7.03	218.79	65.76	-1109.09	-248.55	-142.51	-326.47
35045	66.76	-11.08	7.03	280.29	34.74	-1120.33	-276.66	-155.31	-359.13
35046	68.17	-9.41	5.34	670.82	-95.01	-1333.24	-344.71	-233.48	-430.22

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
35047	67.25	-9.37	5.34	718.73	-60.42	-1255.91	-373.91	-172.42	-412.87
35048	66.34	-9.33	5.34	782.93	-16.98	-1169.05	-407.51	-88.21	-398.64
35049	68.00	-10.23	5.34	575.15	-68.65	-1319.48	-353.88	-219.49	-434.02
35050	67.20	-10.11	5.34	607.03	-34.03	-1256.31	-379.45	-171.73	-418.33
35051	66.41	-9.99	5.34	646.61	9.95	-1184.07	-410.41	-109.74	-405.41
35052	67.84	-11.05	5.34	469.77	-38.01	-1318.25	-343.62	-207.32	-428.14
35053	67.17	-10.85	5.34	489.78	-8.52	-1266.50	-365.08	-172.58	-415.06
35054	66.50	-10.64	5.34	516.86	34.02	-1205.63	-386.82	-129.65	-403.94
35055	77.95	-9.74	5.34	394.03	-189.86	-1489.53	-68.97	-32.35	-476.66
35056	76.95	-9.73	5.34	432.08	-191.52	-1547.42	-90.76	-80.86	-491.71
35057	75.96	-9.71	5.34	466.31	-191.96	-1588.45	-115.26	-131.42	-502.70
35058	74.97	-9.69	5.34	496.06	-190.80	-1611.28	-142.03	-180.97	-509.01
35059	73.98	-9.66	5.34	521.35	-187.56	-1615.49	-170.50	-226.14	-510.25
35060	73.00	-9.63	5.34	542.94	-181.73	-1601.68	-199.94	-263.49	-506.31
35061	72.02	-9.59	5.34	562.31	-172.78	-1571.38	-229.69	-289.69	-497.44
35062	71.05	-9.55	5.34	581.85	-160.14	-1526.83	-259.17	-301.85	-484.23
35063	70.07	-9.51	5.34	604.33	-143.24	-1470.53	-288.07	-297.60	-467.66
35064	69.11	-9.45	5.34	633.28	-121.25	-1404.80	-316.44	-274.92	-449.03
35065	77.92	-11.23	5.34	351.40	-198.23	-1427.44	-76.04	-60.82	-506.09
35066	76.88	-11.20	5.34	384.37	-199.23	-1484.08	-99.97	-105.34	-520.41
35067	75.84	-11.15	5.34	413.17	-198.14	-1524.66	-126.34	-150.75	-529.42
35068	74.82	-11.08	5.34	437.40	-194.54	-1548.36	-154.48	-194.08	-532.71
35069	73.80	-11.00	5.34	457.32	-188.00	-1555.17	-183.65	-232.23	-530.24
35070	72.79	-10.90	5.34	473.93	-178.12	-1545.92	-213.14	-262.29	-522.27
35071	71.80	-10.79	5.34	488.71	-164.55	-1522.05	-242.32	-281.63	-509.45
35072	70.81	-10.67	5.34	503.88	-146.90	-1485.34	-270.89	-288.12	-492.74
35073	69.84	-10.52	5.34	521.93	-124.81	-1437.56	-298.89	-280.12	-473.36
35074	68.87	-10.37	5.34	546.12	-97.69	-1380.03	-326.89	-256.33	-452.80
35075	77.90	-12.72	5.34	305.65	-199.21	-1382.89	-79.27	-86.93	-512.56
35076	76.82	-12.67	5.34	332.99	-199.20	-1438.71	-103.60	-125.55	-525.61
35077	75.74	-12.59	5.34	356.13	-196.21	-1479.92	-129.93	-164.11	-532.72
35078	74.68	-12.49	5.34	374.89	-189.89	-1505.89	-157.48	-199.99	-533.74
35079	73.64	-12.35	5.34	389.60	-179.95	-1516.64	-185.47	-230.61	-528.86
35080	72.61	-12.19	5.34	401.22	-166.15	-1512.78	-213.21	-253.60	-518.65
35081	71.59	-12.01	5.34	411.11	-148.33	-1495.31	-240.24	-267.03	-503.99
35082	70.60	-11.79	5.34	421.04	-126.32	-1465.39	-266.45	-269.38	-486.00
35083	69.62	-11.55	5.34	433.03	-99.78	-1424.00	-292.17	-259.64	-465.98
35084	68.66	-11.29	5.34	449.29	-68.28	-1371.63	-318.63	-237.12	-445.41
35085	77.89	-14.21	5.34	259.06	-186.27	-1367.27	-77.05	-109.11	-494.29
35086	76.76	-14.15	5.34	280.96	-185.15	-1423.06	-99.82	-140.23	-505.56
35087	75.66	-14.05	5.34	298.98	-180.55	-1465.64	-124.15	-170.67	-511.09
35088	74.57	-13.90	5.34	312.97	-172.19	-1494.31	-149.25	-198.31	-510.88
35089	73.50	-13.72	5.34	323.26	-159.96	-1508.85	-174.39	-221.16	-505.28
35090	72.44	-13.50	5.34	330.55	-143.83	-1509.43	-198.97	-237.49	-494.96
35091	71.41	-13.24	5.34	335.96	-123.79	-1496.52	-222.62	-245.91	-480.84
35092	70.40	-12.93	5.34	340.80	-99.78	-1470.63	-245.29	-245.46	-464.01
35093	69.41	-12.60	5.34	346.47	-71.53	-1432.19	-267.38	-235.55	-445.62
35094	68.45	-12.22	5.34	354.31	-37.85	-1381.14	-289.75	-215.86	-426.77
35095	77.87	-15.70	5.34	213.87	-156.39	-1385.92	-68.02	-126.36	-452.87
35096	76.73	-15.63	5.34	231.09	-154.39	-1442.43	-87.62	-148.91	-462.03
35097	75.59	-15.51	5.34	244.98	-149.03	-1486.57	-108.50	-170.44	-466.42
35098	74.48	-15.33	5.34	255.35	-140.15	-1517.43	-129.95	-189.48	-466.14
35099	73.38	-15.10	5.34	262.36	-127.72	-1534.44	-151.33	-204.65	-461.55
35100	72.30	-14.81	5.34	266.48	-111.79	-1537.34	-172.10	-214.77	-453.24
35101	71.25	-14.48	5.34	268.46	-92.45	-1526.09	-191.96	-218.97	-441.99
35102	70.22	-14.09	5.34	269.23	-69.73	-1500.77	-210.84	-216.69	-428.67
35103	69.23	-13.65	5.34	269.90	-43.37	-1461.41	-228.91	-207.66	-414.13
35104	68.26	-13.17	5.34	271.32	-12.79	-1407.87	-246.58	-191.79	-399.15
35105	77.87	-17.20	5.34	171.78	-113.42	-1433.16	-51.62	-138.39	-394.04
35106	76.70	-17.12	5.34	185.37	-111.11	-1490.66	-67.29	-152.00	-400.98
35107	75.55	-16.98	5.34	196.26	-106.12	-1536.06	-84.18	-164.51	-404.73
35108	74.41	-16.77	5.34	204.20	-98.31	-1568.22	-101.73	-175.08	-405.38
35109	73.29	-16.49	5.34	209.15	-87.64	-1586.25	-119.35	-182.93	-403.19
35110	72.19	-16.14	5.34	211.32	-74.18	-1589.52	-136.57	-187.40	-398.58
35111	71.11	-15.73	5.34	211.12	-58.02	-1577.61	-153.05	-188.02	-392.03
35112	70.07	-15.25	5.34	209.15	-39.19	-1550.26	-168.65	-184.55	-384.06
35113	69.06	-14.72	5.34	206.23	-17.55	-1507.28	-183.47	-176.91	-375.17
35114	68.09	-14.12	5.34	203.84	7.36	-1448.40	-197.69	-165.14	-365.60
35115	63.67	-9.47	5.34	868.32	495.18	-626.67	-646.14	225.55	-369.30
35116	64.23	-10.38	5.34	337.76	290.89	-896.90	-383.60	-12.98	-340.57
35117	64.85	-11.25	5.34	243.41	181.32	-1052.76	-288.20	-78.36	-336.48
35118	64.56	-9.40	5.34	912.24	160.29	-921.21	-512.82	144.28	-388.26
35119	64.95	-10.19	5.34	580.16	171.91	-1010.60	-457.82	-2.61	-383.42
35120	65.38	-10.96	5.34	372.61	138.59	-1104.52	-365.20	-77.88	-369.51
35121	65.44	-9.34	5.34	853.91	50.14	-1064.96	-450.14	18.68	-389.92
35122	65.67	-10.01	5.34	656.10	72.30	-1104.84	-439.49	-46.06	-395.67
35123	65.91	-10.67	5.34	487.15	82.86	-1151.30	-398.42	-93.42	-389.38
35124	67.19	-13.48	5.34	201.96	37.30	-1375.18	-212.01	-149.84	-356.83
35125	67.41	-12.67	5.34	275.07	20.82	-1345.62	-264.42	-171.61	-386.79
35126	67.65	-11.87	5.34	364.30	-3.89	-1327.36	-309.95	-191.14	-411.82
35127	66.35	-12.79	5.34	203.01	70.71	-1287.45	-228.48	-131.77	-348.38
35128	66.67	-12.16	5.34	285.51	54.45	-1276.18	-285.01	-148.23	-376.87
35129	66.99	-11.53	5.34	381.18	27.56	-1272.75	-330.01	-164.53	-400.85
35130	65.56	-12.06	5.34	207.54	114.62	-1182.38	-250.19	-107.68	-339.80
35131	65.96	-11.61	5.34	303.24	96.50	-1193.79	-313.20	-118.10	-367.92
35132	66.35	-11.18	5.34	404.53	57.90	-1210.25	-356.89	-131.41	-390.51
35133	86.37	-9.28	17.16	-14.05	-119.51	-57.86	-65.36	36.23	-29.85
35134	87.07	-9.26	17.16	11.45	-106.99	-39.74	-74.08	3.58	-14.51
35135	87.78	-9.23	17.16	19.53	-100.72	-26.28	-75.96	-18.54	-5.96
35136	86.44	-9.85	17.16	-4.36	-104.83	-49.29	-72.32	15.83	-19.71
35137	87.07	-9.77	17.16	10.01	-97.09	-35.40	-76.22	-7.17	-9.45
35138	87.68	-9.68	17.16	14.14	-93.52	-23.81	-75.81	-23.65	-3.67
35139	86.52	-10.41	17.16	-1.80	-90.86	-40.74	-76.19	-2.72	-10.21
35140	87.05	-10.27	17.16	5.46	-87.49	-30.10	-76.65	-17.77	-5.16
35141	87.58	-10.13	17.16	7.31	-86.05	-20.80	-75.21	-29.77	-2.08
35142	78.83	-9.50	17.16	-479.68	-368.87	-2728.75	-148.69	411.94	812.56
35143	79.59	-9.50	17.16	-412.25	-417.68	-3052.77	-157.86	6.86	214.24
35144	80.35	-9.49	17.16	-439.60	-464.24	-3170.94	-69.84	661.30	-274.98
35145	81.11	-9.47	17.16	-440.99	-402.00	-2739.58	-27.00	744.77	-333.29

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
35146	81.87	-9.46	17.16	-444.31	-372.56	-2494.53	12.89	804.47	-378.95
35147	82.63	-9.44	17.16	-1007.91	-459.93	-1517.82	238.18	1209.68	-317.55
35148	83.38	-9.41	17.16	-472.78	-435.34	-546.01	133.26	542.60	-324.96
35149	84.14	-9.38	17.16	-311.67	-296.70	-288.27	84.55	335.69	-199.55
35150	84.89	-9.35	17.16	-163.64	-189.71	-149.13	0.32	177.47	-99.43
35151	85.64	-9.31	17.16	-68.18	-143.00	-89.18	-44.60	88.04	-52.69
35152	78.84	-10.50	17.16	-795.58	-476.47	-4684.72	5.49	601.89	-511.18
35153	79.62	-10.49	17.16	-677.44	-462.92	-4107.82	-24.36	629.28	-498.14
35154	80.40	-10.46	17.16	-573.62	-477.43	-3632.13	-4.62	708.98	-515.02
35155	81.18	-10.42	17.16	-841.37	-781.83	-2569.15	295.07	1181.64	-765.13
35156	81.95	-10.37	17.16	-582.06	-1063.95	-1655.15	304.11	697.25	-1134.50
35157	82.72	-10.31	17.16	-733.13	-695.19	-947.59	366.38	868.10	-693.85
35158	83.49	-10.23	17.16	-359.96	-298.78	-331.01	75.89	375.90	-228.35
35159	84.25	-10.15	17.16	-180.92	-220.75	-181.51	2.31	199.47	-129.40
35160	85.01	-10.05	17.16	-94.08	-158.13	-110.99	-35.27	110.14	-71.92
35161	85.76	-9.94	17.16	-36.68	-121.51	-71.44	-61.03	51.52	-36.77
35162	78.85	-11.50	17.16	-819.25	-1889.22	-2858.52	31.83	394.76	-2221.60
35163	79.65	-11.48	17.16	-729.13	-1709.67	-2535.04	109.15	467.59	-1981.14
35164	80.45	-11.43	17.16	-652.86	-1559.44	-2230.54	214.85	585.51	-1795.50
35165	81.25	-11.37	17.16	-763.47	-1012.06	-1312.32	358.43	977.04	-1073.56
35166	82.04	-11.29	17.16	-376.59	-501.13	-483.67	66.55	419.93	-424.43
35167	82.82	-11.18	17.16	-236.61	-394.48	-312.70	55.89	274.53	-299.21
35168	83.60	-11.06	17.16	-206.42	-252.45	-211.25	19.35	215.78	-178.27
35169	84.37	-10.92	17.16	-113.66	-159.33	-125.80	-40.10	116.87	-84.82
35170	85.13	-10.75	17.16	-54.29	-121.76	-83.16	-62.27	58.07	-44.08
35171	85.88	-10.57	17.16	-20.24	-100.34	-57.23	-72.45	20.11	-21.16
35172	78.86	-12.50	17.16	-435.74	-715.30	-582.82	-93.50	128.48	-707.37
35173	79.68	-12.47	17.16	-374.99	-661.18	-520.45	-64.62	162.75	-632.51
35174	80.50	-12.41	17.16	-322.72	-579.93	-424.16	-28.22	222.11	-519.07
35175	81.31	-12.32	17.16	-267.68	-451.00	-352.93	4.75	216.93	-393.42
35176	82.12	-12.20	17.16	-251.60	-307.08	-274.66	-8.61	218.15	-254.48
35177	82.92	-12.06	17.16	-159.76	-205.23	-176.79	-50.85	132.46	-138.98
35178	83.71	-11.88	17.16	-103.83	-153.75	-124.06	-57.34	84.52	-84.80
35179	84.49	-11.68	17.16	-70.53	-112.76	-88.66	-66.51	49.93	-45.95
35180	85.25	-11.46	17.16	-37.71	-89.64	-61.85	-75.36	16.75	-20.60
35181	86.00	-11.20	17.16	-16.86	-80.30	-42.94	-77.08	-7.52	-8.02
35182	78.87	-13.50	17.16	-346.46	-204.02	-261.55	-105.19	30.48	-204.80
35183	79.71	-13.46	17.16	-289.60	-199.62	-234.14	-105.86	43.68	-180.28
35184	80.55	-13.38	17.16	-236.32	-187.11	-205.94	-97.22	50.80	-153.26
35185	81.38	-13.27	17.16	-194.20	-162.60	-170.95	-87.00	57.43	-119.13
35186	82.20	-13.12	17.16	-151.58	-129.58	-135.34	-80.58	49.15	-82.11
35187	83.01	-12.93	17.16	-117.07	-100.31	-105.39	-80.14	35.47	-48.97
35188	83.81	-12.71	17.16	-80.22	-80.93	-77.39	-81.18	12.43	-24.55
35189	84.60	-12.45	17.16	-54.36	-70.23	-55.35	-78.10	-5.97	-11.13
35190	85.37	-12.16	17.16	-36.80	-64.12	-37.48	-75.83	-21.41	-3.44
35191	86.12	-11.84	17.16	-24.21	-62.98	-22.56	-73.46	-34.55	-0.63
35192	78.88	-14.50	17.16	-284.76	-25.78	-71.19	-64.04	-51.45	20.28
35193	79.74	-14.45	17.16	-240.25	-32.42	-63.85	-75.41	-53.83	15.71
35194	80.59	-14.36	17.16	-197.58	-38.06	-54.85	-79.86	-54.91	11.84
35195	81.44	-14.22	17.16	-159.06	-41.08	-44.95	-79.00	-55.50	8.91
35196	82.28	-14.04	17.16	-127.22	-41.48	-33.87	-75.86	-55.57	7.29
35197	83.11	-13.81	17.16	-99.85	-40.72	-21.83	-72.50	-57.37	6.46
35198	83.92	-13.54	17.16	-77.69	-40.87	-10.42	-69.31	-60.38	4.94
35199	84.71	-13.22	17.16	-59.89	-42.43	0.02	-66.15	-64.17	2.04
35200	85.49	-12.87	17.16	-47.43	-45.16	9.01	-63.02	-66.87	-2.08
35201	86.24	-12.47	17.16	-39.21	-48.97	16.74	-60.70	-68.37	-6.78
35202	89.84	-9.32	17.16	-20.24	-89.96	29.95	-59.45	-50.71	-18.82
35203	89.35	-9.94	17.16	-23.68	-81.33	30.85	-59.03	-55.34	-20.10
35204	88.82	-10.54	17.16	-27.04	-73.16	31.65	-58.16	-60.37	-20.50
35205	89.15	-9.28	17.16	0.18	-94.76	3.66	-67.41	-44.94	-4.87
35206	88.80	-9.82	17.16	-5.08	-86.99	5.16	-66.78	-47.61	-6.09
35207	88.43	-10.34	17.16	-10.74	-79.36	7.09	-65.74	-50.72	-7.25
35208	88.47	-9.23	17.16	14.35	-97.59	-13.64	-73.34	-34.84	-1.77
35209	88.26	-9.70	17.16	8.32	-90.87	-11.93	-72.52	-37.52	-1.66
35210	88.03	-10.15	17.16	1.66	-84.12	-9.32	-71.27	-40.16	-2.14
35211	86.95	-12.04	17.16	-34.16	-53.75	22.67	-59.18	-68.44	-11.58
35212	86.79	-11.50	17.16	-17.34	-64.97	-11.43	-70.71	-43.23	-0.93
35213	86.64	-10.96	17.16	-6.29	-77.28	-30.23	-76.21	-23.15	-2.36
35214	87.61	-11.58	17.16	-30.97	-59.63	26.77	-58.20	-67.22	-15.85
35215	87.38	-11.15	17.16	-14.26	-68.83	-3.00	-68.31	-48.22	-3.27
35216	87.16	-10.73	17.16	-2.32	-78.00	-20.70	-74.41	-31.99	-1.32
35217	88.24	-11.08	17.16	-29.19	-65.89	30.56	-57.71	-64.46	-19.61
35218	87.95	-10.79	17.16	-13.46	-73.26	4.78	-66.05	-51.13	-6.33
35219	87.67	-10.49	17.16	-1.50	-80.41	-12.15	-71.98	-38.91	-1.76
35220	86.70	-9.30	15.47	-166.34	-94.31	-195.49	20.90	138.36	-102.91
35221	87.44	-9.27	15.47	-121.31	-81.39	-136.24	2.11	72.51	-73.86
35222	88.18	-9.24	15.47	-84.67	-71.03	-88.77	-12.79	23.47	-54.57
35223	86.80	-9.90	15.47	-138.98	-78.67	-165.96	15.80	97.01	-90.39
35224	87.44	-9.82	15.47	-105.43	-69.33	-119.81	-0.55	49.51	-68.44
35225	88.08	-9.72	15.47	-77.64	-62.09	-79.97	-13.31	12.72	-53.27
35226	86.88	-10.50	15.47	-112.60	-62.46	-136.23	9.60	59.11	-77.95
35227	87.43	-10.36	15.47	-89.62	-57.24	-101.23	-3.26	27.33	-63.18
35228	87.98	-10.20	15.47	-69.31	-53.05	-69.50	-14.11	1.29	-52.02
35229	78.85	-9.53	15.47	-482.95	-156.92	-2809.03	6.69	553.75	-159.27
35230	79.64	-9.53	15.47	-325.94	-152.79	-2566.47	-82.85	528.70	-188.46
35231	80.44	-9.52	15.47	-204.48	-152.40	-2360.98	-54.74	533.37	-258.40
35232	81.23	-9.50	15.47	-233.47	-148.02	-2101.87	-15.77	653.75	-338.22
35233	82.02	-9.49	15.47	-249.46	-126.63	-1690.86	24.18	706.97	-373.57
35234	82.81	-9.46	15.47	-188.41	-135.82	-1336.74	14.15	649.98	-396.03
35235	83.60	-9.44	15.47	-353.36	-150.15	-989.85	73.37	653.49	-345.86
35236	84.38	-9.41	15.47	-325.18	-139.57	-638.76	80.12	493.02	-273.19
35237	85.16	-9.37	15.47	-279.54	-126.73	-420.31	67.00	348.28	-200.94
35238	85.95	-9.33	15.47	-220.56	-108.83	-282.14	42.87	227.80	-142.53
35239	78.86	-10.60	15.47	-302.06	49.64	-2823.24	73.51	537.69	-624.47
35240	79.68	-10.59	15.47	-264.73	-3.14	-2529.95	29.78	553.08	-602.81
35241	80.50	-10.56	15.47	-216.77	-63.82	-2184.20	37.22	635.05	-607.56
35242	81.31	-10.52	15.47	-187.51	-61.92	-1840.48	-6.38	639.66	-576.74
35243	82.12	-10.46	15.47	-278.27	-32.27	-1441.42	55.51	704.20	-480.64
35244	82.92	-10.39	15.47	-249.51	-92.22	-1042.33	96.82	594.05	-430.94

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
35245	83.72	-10.31	15.47	-325.08	-151.62	-737.21	128.37	520.75	-355.87
35246	84.52	-10.22	15.47	-287.18	-128.34	-486.27	98.08	376.58	-251.56
35247	85.30	-10.12	15.47	-232.78	-107.32	-331.73	65.93	256.58	-176.43
35248	86.08	-10.00	15.47	-181.62	-90.41	-231.46	37.53	163.74	-123.53
35249	78.87	-11.67	15.47	-186.95	-26.94	-2271.87	146.92	412.88	-1048.66
35250	79.71	-11.65	15.47	-178.74	-29.72	-2002.34	133.97	476.37	-924.11
35251	80.55	-11.60	15.47	-156.68	-33.53	-1674.65	144.43	551.58	-782.16
35252	81.39	-11.53	15.47	-178.74	-137.97	-1370.29	150.81	543.59	-700.53
35253	82.21	-11.44	15.47	-298.93	-232.76	-1068.13	190.52	564.28	-606.24
35254	83.03	-11.33	15.47	-285.72	-183.95	-748.46	168.39	468.54	-440.28
35255	83.84	-11.19	15.47	-251.06	-137.72	-519.98	129.75	356.22	-305.67
35256	84.65	-11.04	15.47	-222.30	-109.52	-366.62	93.28	258.15	-212.41
35257	85.44	-10.87	15.47	-182.16	-86.17	-260.65	57.54	172.92	-147.17
35258	86.22	-10.68	15.47	-142.86	-70.80	-186.26	28.90	105.41	-103.46
35259	78.88	-12.74	15.47	-135.12	-502.22	-1394.96	141.11	235.04	-1042.81
35260	79.75	-12.71	15.47	-141.03	-437.80	-1242.13	162.45	299.86	-917.00
35261	80.61	-12.64	15.47	-150.55	-374.87	-1068.60	185.33	347.18	-779.37
35262	81.46	-12.55	15.47	-175.99	-289.00	-853.38	198.90	372.46	-608.74
35263	82.30	-12.42	15.47	-184.54	-210.23	-643.46	173.04	331.97	-446.83
35264	83.14	-12.26	15.47	-192.04	-159.78	-486.28	144.11	277.33	-327.16
35265	83.96	-12.08	15.47	-178.63	-113.82	-364.15	108.15	214.45	-233.22
35266	84.77	-11.86	15.47	-155.73	-81.52	-269.57	72.71	152.72	-163.80
35267	85.57	-11.62	15.47	-130.98	-61.94	-197.01	42.46	98.35	-115.86
35268	86.35	-11.35	15.47	-105.02	-50.57	-140.07	17.73	52.88	-83.83
35269	78.89	-13.81	15.47	-42.01	-353.11	-695.59	85.53	85.38	-576.44
35270	79.78	-13.77	15.47	-54.00	-306.78	-629.80	106.07	123.97	-512.48
35271	80.66	-13.69	15.47	-66.57	-254.61	-553.87	120.97	149.96	-439.11
35272	81.53	-13.56	15.47	-82.29	-197.97	-473.89	125.30	159.17	-360.28
35273	82.39	-13.40	15.47	-98.29	-143.31	-390.98	115.85	152.61	-280.97
35274	83.24	-13.20	15.47	-103.53	-99.16	-309.47	94.05	128.32	-210.29
35275	84.08	-12.96	15.47	-102.15	-68.78	-238.57	69.73	97.15	-155.11
35276	84.90	-12.69	15.47	-93.82	-48.13	-178.19	45.06	64.30	-113.69
35277	85.70	-12.37	15.47	-81.36	-36.45	-126.78	22.85	33.00	-84.17
35278	86.48	-12.03	15.47	-67.40	-31.67	-82.85	4.58	5.48	-64.49
35279	78.90	-14.88	15.47	33.30	-119.98	-301.01	27.29	-11.32	-224.15
35280	79.80	-14.83	15.47	23.83	-104.16	-274.86	37.65	5.85	-203.06
35281	80.70	-14.73	15.47	14.08	-86.16	-244.01	44.42	17.64	-178.47
35282	81.59	-14.58	15.47	2.77	-66.66	-209.17	47.02	24.26	-151.14
35283	82.47	-14.39	15.47	-9.37	-47.84	-171.70	43.98	24.39	-122.90
35284	83.34	-14.14	15.47	-20.34	-32.66	-133.22	35.43	18.13	-96.48
35285	84.18	-13.85	15.47	-27.24	-22.69	-95.22	23.44	6.29	-74.47
35286	85.01	-13.51	15.47	-30.27	-17.74	-59.79	10.88	-8.32	-58.20
35287	85.82	-13.13	15.47	-29.84	-16.77	-27.83	-0.94	-23.41	-47.24
35288	86.61	-12.70	15.47	-26.87	-19.16	0.59	-11.02	-37.37	-40.71
35289	90.32	-9.34	15.47	-12.39	-52.65	76.29	-32.22	-59.39	-35.82
35290	89.82	-10.00	15.47	-13.10	-46.69	73.15	-31.09	-61.80	-37.50
35291	89.28	-10.64	15.47	-13.83	-40.77	68.98	-29.80	-63.37	-37.81
35292	89.61	-9.29	15.47	-31.03	-55.29	8.79	-31.03	-40.19	-36.75
35293	89.25	-9.87	15.47	-31.50	-48.86	9.91	-29.28	-42.34	-39.18
35294	88.87	-10.43	15.47	-31.68	-42.67	11.27	-27.15	-44.35	-40.77
35295	88.90	-9.25	15.47	-54.48	-62.19	-43.53	-24.37	-13.62	-42.13
35296	88.68	-9.74	15.47	-52.59	-55.05	-39.30	-23.23	-17.91	-43.56
35297	88.46	-10.22	15.47	-50.81	-48.15	-33.78	-21.66	-22.01	-44.91
35298	87.34	-12.24	15.47	-23.44	-23.10	24.01	-18.84	-48.58	-37.83
35299	87.18	-11.67	15.47	-55.22	-30.91	-48.93	-8.65	-15.20	-52.82
35300	87.01	-11.09	15.47	-84.32	-45.11	-99.89	0.89	20.67	-65.06
35301	88.03	-11.75	15.47	-19.75	-28.86	42.67	-24.27	-56.56	-37.26
35302	87.79	-11.30	15.47	-44.94	-33.59	-22.91	-17.26	-29.49	-46.73
35303	87.55	-10.85	15.47	-68.94	-43.81	-70.66	-9.55	0.08	-55.20
35304	88.69	-11.22	15.47	-16.05	-34.67	59.18	-27.78	-61.67	-37.62
35305	88.38	-10.90	15.47	-35.88	-37.28	0.91	-23.36	-40.33	-42.78
35306	88.08	-10.59	15.47	-55.39	-44.67	-43.76	-17.38	-16.75	-48.24
35307	87.04	-9.32	13.78	-132.32	-66.91	-328.65	33.88	188.58	-156.85
35308	87.81	-9.29	13.78	-105.37	-59.85	-240.35	20.58	127.47	-127.02
35309	88.57	-9.26	13.78	-77.60	-52.93	-164.38	8.29	76.52	-102.88
35310	87.15	-9.96	13.78	-110.83	-55.70	-285.58	32.98	149.00	-149.09
35311	87.82	-9.87	13.78	-89.40	-50.56	-215.35	19.91	103.14	-123.52
35312	88.48	-9.77	13.78	-68.19	-45.96	-152.48	8.61	64.23	-102.16
35313	87.25	-10.60	13.78	-87.35	-44.61	-242.36	29.80	111.38	-138.10
35314	87.82	-10.44	13.78	-72.45	-41.80	-188.89	18.60	79.44	-117.99
35315	88.38	-10.27	13.78	-57.31	-39.27	-139.88	8.41	51.20	-100.01
35316	78.86	-9.57	13.78	-38.14	-37.21	-2454.54	98.83	523.81	-506.73
35317	79.69	-9.56	13.78	-73.50	-35.52	-2195.09	80.43	536.49	-459.27
35318	80.52	-9.55	13.78	-85.13	-37.43	-1951.76	52.85	549.05	-431.44
35319	81.34	-9.54	13.78	-80.04	-44.02	-1705.09	46.96	556.09	-410.97
35320	82.17	-9.52	13.78	-109.07	-58.77	-1459.19	47.84	556.83	-388.98
35321	82.99	-9.49	13.78	-154.70	-62.79	-1203.39	63.15	533.20	-352.09
35322	83.81	-9.46	13.78	-145.03	-67.51	-968.52	59.40	473.00	-315.21
35323	84.63	-9.43	13.78	-169.56	-76.65	-766.60	60.23	417.48	-275.96
35324	85.44	-9.39	13.78	-169.70	-76.69	-585.53	55.92	340.12	-233.66
35325	86.25	-9.35	13.78	-155.69	-72.76	-440.68	46.38	260.55	-192.03
35326	78.88	-10.71	13.78	17.10	-32.02	-2237.59	124.54	423.07	-706.20
35327	79.74	-10.69	13.78	-17.56	-25.61	-1998.45	108.85	471.24	-633.96
35328	80.59	-10.66	13.78	-47.47	-29.67	-1761.80	95.85	492.67	-573.93
35329	81.44	-10.61	13.78	-78.32	-47.91	-1516.40	110.30	508.99	-514.51
35330	82.28	-10.55	13.78	-95.16	-70.60	-1272.89	101.50	492.98	-457.01
35331	83.12	-10.48	13.78	-137.90	-73.15	-1043.56	92.25	466.63	-394.76
35332	83.95	-10.39	13.78	-140.65	-65.37	-829.97	84.73	409.48	-335.41
35333	84.78	-10.30	13.78	-153.67	-68.11	-649.03	78.20	347.98	-279.56
35334	85.60	-10.19	13.78	-148.58	-65.40	-496.65	64.42	275.68	-226.89
35335	86.41	-10.06	13.78	-131.86	-60.44	-376.15	47.96	206.41	-182.34
35336	78.89	-11.85	13.78	69.70	-110.42	-1852.07	132.46	307.66	-809.98
35337	79.78	-11.82	13.78	25.35	-98.35	-1659.50	135.60	370.37	-724.12
35338	80.65	-11.76	13.78	-19.30	-98.62	-1458.23	132.52	400.18	-644.23
35339	81.52	-11.69	13.78	-52.06	-79.88	-1250.47	128.89	411.98	-557.38
35340	82.39	-11.59	13.78	-64.50	-57.59	-1044.75	120.83	398.83	-470.83
35341	83.24	-11.47	13.78	-101.38	-64.50	-855.41	114.29	373.27	-397.36
35342	84.09	-11.33	13.78	-121.56	-66.06	-681.63	102.89	325.59	-327.70
35343	84.92	-11.17	13.78	-124.18	-59.94	-533.96	84.79	267.59	-263.93

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
35344	85.75	-10.98	13.78	-117.40	-53.70	-413.18	64.81	208.60	-210.39
35345	86.56	-10.78	13.78	-103.15	-48.12	-314.80	45.10	153.64	-167.51
35346	78.90	-12.99	13.78	110.94	-145.06	-1392.69	118.89	189.90	-773.26
35347	79.81	-12.95	13.78	68.94	-123.06	-1259.57	133.74	248.16	-690.73
35348	80.71	-12.88	13.78	30.29	-104.21	-1110.77	138.82	282.41	-603.21
35349	81.60	-12.77	13.78	-5.59	-97.09	-961.32	135.47	293.23	-522.01
35350	82.49	-12.64	13.78	-41.29	-90.02	-813.74	132.44	290.13	-442.66
35351	83.36	-12.47	13.78	-64.72	-73.78	-668.71	119.08	266.98	-361.97
35352	84.22	-12.27	13.78	-79.13	-60.04	-538.65	100.05	230.01	-290.35
35353	85.06	-12.04	13.78	-83.77	-49.21	-427.44	78.78	187.25	-231.17
35354	85.89	-11.78	13.78	-80.04	-41.14	-333.32	57.38	144.10	-183.66
35355	86.70	-11.50	13.78	-70.94	-36.21	-253.39	37.92	103.74	-146.32
35356	78.92	-14.13	13.78	137.42	-184.27	-971.65	83.22	91.19	-606.84
35357	79.84	-14.08	13.78	103.85	-158.00	-890.42	102.84	135.78	-547.07
35358	80.76	-13.99	13.78	70.13	-131.20	-797.86	112.89	164.59	-480.40
35359	81.68	-13.86	13.78	38.19	-104.75	-697.18	114.71	178.33	-410.06
35360	82.58	-13.69	13.78	10.27	-81.15	-595.36	108.23	176.34	-341.72
35361	83.47	-13.47	13.78	-13.14	-61.70	-498.70	96.23	163.06	-279.77
35362	84.34	-13.21	13.78	-28.83	-45.81	-408.68	79.59	141.15	-225.41
35363	85.19	-12.92	13.78	-37.25	-34.70	-326.92	61.22	114.08	-180.09
35364	86.03	-12.59	13.78	-39.48	-27.98	-253.95	43.27	85.42	-143.81
35365	86.84	-12.22	13.78	-37.00	-24.87	-189.09	27.16	57.64	-115.48
35366	78.92	-15.27	13.78	168.59	-103.44	-678.87	34.33	30.74	-327.27
35367	79.87	-15.22	13.78	142.29	-89.64	-627.15	50.61	57.77	-297.52
35368	80.81	-15.11	13.78	115.03	-73.80	-567.86	60.68	76.11	-263.12
35369	81.74	-14.95	13.78	87.96	-57.64	-503.31	64.66	85.77	-226.52
35370	82.66	-14.74	13.78	62.44	-42.71	-435.47	62.98	87.12	-190.02
35371	83.57	-14.48	13.78	40.19	-30.30	-366.70	56.49	80.70	-155.99
35372	84.45	-14.16	13.78	22.16	-21.23	-299.65	46.79	68.29	-126.30
35373	85.32	-13.80	13.78	9.14	-15.58	-236.12	35.38	51.88	-101.75
35374	86.16	-13.39	13.78	0.94	-13.17	-177.26	23.79	33.50	-82.54
35375	86.97	-12.94	13.78	-3.18	-13.50	-123.73	13.17	14.93	-68.09
35376	90.81	-9.36	13.78	-4.40	-36.61	59.57	-14.69	-35.61	-42.82
35377	90.30	-10.07	13.78	-3.86	-32.20	43.40	-13.06	-34.99	-45.07
35378	89.74	-10.74	13.78	-3.28	-27.66	24.16	-10.99	-32.73	-46.02
35379	90.07	-9.31	13.78	-25.55	-40.75	-19.85	-10.09	-2.68	-62.99
35380	89.70	-9.92	13.78	-23.55	-36.03	-26.42	-8.05	-4.15	-65.45
35381	89.31	-10.52	13.78	-21.16	-31.44	-34.52	-5.65	-5.02	-66.61
35382	89.32	-9.26	13.78	-50.18	-46.53	-93.29	-2.53	33.39	-81.78
35383	89.11	-9.79	13.78	-45.49	-41.04	-91.37	-1.01	28.31	-83.31
35384	88.88	-10.30	13.78	-40.68	-35.89	-89.35	0.85	23.67	-83.82
35385	87.74	-12.45	13.78	-4.87	-15.29	-77.45	4.21	-1.59	-58.30
35386	87.56	-11.83	13.78	-32.73	-23.98	-136.83	14.59	34.75	-95.55
35387	87.38	-11.22	13.78	-60.69	-33.47	-193.70	23.31	72.30	-120.70
35388	88.45	-11.92	13.78	-4.86	-18.96	-37.94	-2.59	-14.99	-52.12
35389	88.19	-11.44	13.78	-27.84	-25.46	-95.26	5.64	17.10	-82.23
35390	87.94	-10.96	13.78	-51.41	-32.78	-149.34	13.38	50.01	-104.07
35391	89.13	-11.36	13.78	-3.70	-22.87	-2.61	-7.63	-25.91	-47.83
35392	88.81	-11.02	13.78	-22.58	-27.66	-57.04	-1.32	2.06	-71.37
35393	88.49	-10.69	13.78	-42.19	-33.57	-108.28	5.37	30.40	-90.14
35394	87.38	-9.34	12.09	-72.08	-64.73	-409.50	33.96	192.56	-187.25
35395	88.18	-9.31	12.09	-61.35	-60.08	-313.94	25.03	144.39	-158.63
35396	88.97	-9.27	12.09	-47.59	-54.73	-228.07	16.31	100.10	-132.57
35397	87.50	-10.01	12.09	-58.63	-57.41	-367.17	34.69	158.52	-181.91
35398	88.19	-9.91	12.09	-50.23	-53.59	-290.02	25.53	121.29	-155.75
35399	88.88	-9.81	12.09	-40.19	-49.57	-219.32	17.18	86.95	-131.75
35400	87.61	-10.69	12.09	-43.62	-50.12	-326.32	33.58	124.92	-171.17
35401	88.20	-10.52	12.09	-38.42	-47.39	-266.91	25.37	98.21	-149.48
35402	88.79	-10.35	12.09	-31.94	-44.49	-211.84	17.49	72.91	-128.78
35403	78.88	-9.60	12.09	167.90	-55.89	-2124.52	83.78	375.86	-569.70
35404	79.74	-9.60	12.09	114.66	-55.26	-1933.05	77.43	423.01	-522.37
35405	80.60	-9.58	12.09	70.67	-57.10	-1733.20	74.18	446.49	-479.53
35406	81.46	-9.57	12.09	30.29	-60.96	-1534.22	69.33	452.70	-439.99
35407	82.32	-9.55	12.09	-0.01	-63.90	-1337.67	67.17	444.74	-401.79
35408	83.17	-9.52	12.09	-25.43	-68.89	-1147.40	62.53	425.35	-365.46
35409	84.02	-9.49	12.09	-55.78	-71.51	-965.78	60.77	393.39	-327.96
35410	84.87	-9.46	12.09	-68.35	-70.90	-798.70	55.98	347.20	-290.01
35411	85.72	-9.42	12.09	-77.14	-70.42	-651.32	49.92	297.40	-253.27
35412	86.56	-9.37	12.09	-77.96	-68.05	-520.93	42.37	244.26	-218.39
35413	78.90	-10.81	12.09	189.70	-68.08	-1916.13	92.86	296.01	-668.34
35414	79.79	-10.79	12.09	134.68	-64.01	-1745.41	95.62	349.83	-608.08
35415	80.68	-10.75	12.09	88.41	-62.74	-1562.50	95.31	380.57	-549.39
35416	81.57	-10.70	12.09	48.59	-62.01	-1376.92	88.46	391.08	-494.71
35417	82.45	-10.64	12.09	10.48	-61.19	-1194.16	86.25	386.10	-442.06
35418	83.32	-10.56	12.09	-15.81	-63.04	-1018.03	82.50	365.79	-390.07
35419	84.18	-10.47	12.09	-42.53	-65.98	-854.86	75.11	334.40	-340.01
35420	85.04	-10.37	12.09	-56.11	-64.92	-706.71	65.79	292.80	-293.79
35421	85.89	-10.25	12.09	-63.69	-63.24	-576.02	55.79	247.80	-251.53
35422	86.73	-10.12	12.09	-63.93	-60.45	-461.11	44.83	201.12	-213.19
35423	78.91	-12.02	12.09	203.89	-101.00	-1638.57	89.92	209.18	-708.54
35424	79.84	-11.99	12.09	153.65	-90.06	-1500.10	100.58	264.63	-644.89
35425	80.75	-11.93	12.09	108.63	-80.46	-1347.57	105.15	298.70	-578.67
35426	81.66	-11.85	12.09	66.74	-77.18	-1189.20	105.22	313.90	-513.43
35427	82.56	-11.74	12.09	26.68	-76.39	-1032.28	100.89	311.43	-450.41
35428	83.45	-11.62	12.09	-0.62	-69.83	-881.93	92.65	294.21	-389.66
35429	84.33	-11.47	12.09	-22.91	-64.47	-742.82	81.93	267.76	-333.71
35430	85.20	-11.29	12.09	-38.22	-60.58	-616.27	70.08	233.73	-283.51
35431	86.05	-11.10	12.09	-45.68	-56.64	-503.52	57.20	195.82	-239.06
35432	86.89	-10.88	12.09	-46.76	-52.92	-403.98	44.24	157.31	-200.31
35433	78.93	-13.23	12.09	210.45	-141.59	-1342.99	74.49	128.85	-661.84
35434	79.88	-13.19	12.09	167.63	-126.05	-1237.86	91.69	179.25	-604.87
35435	80.82	-13.11	12.09	124.94	-111.49	-1120.17	100.50	211.49	-543.09
35436	81.75	-13.00	12.09	85.75	-95.65	-995.72	103.03	227.65	-478.52
35437	82.67	-12.85	12.09	52.14	-81.32	-870.53	98.69	228.73	-415.23
35438	83.58	-12.67	12.09	22.61	-71.34	-750.08	91.02	218.35	-356.80
35439	84.47	-12.46	12.09	-0.04	-62.69	-636.36	80.21	198.93	-303.32
35440	85.35	-12.22	12.09	-15.40	-55.26	-531.38	67.28	173.09	-255.45
35441	86.21	-11.95	12.09	-24.18	-49.33	-436.25	53.66	143.90	-213.81
35442	87.05	-11.64	12.09	-27.39	-44.91	-350.73	40.39	113.97	-178.09

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
35443	78.94	-14.44	12.09	212.66	-142.61	-1093.11	50.08	66.38	-530.90
35444	79.91	-14.39	12.09	177.84	-127.19	-1014.78	69.31	105.89	-487.70
35445	80.87	-14.30	12.09	141.79	-110.59	-926.09	80.81	132.79	-438.87
35446	81.83	-14.15	12.09	106.83	-94.69	-831.96	85.29	147.45	-388.27
35447	82.77	-13.97	12.09	74.79	-79.75	-735.62	84.27	151.59	-338.02
35448	83.69	-13.74	12.09	47.59	-65.96	-639.61	78.31	146.17	-289.81
35449	84.60	-13.47	12.09	25.62	-54.49	-547.02	68.95	133.25	-245.70
35450	85.49	-13.15	12.09	9.38	-45.50	-459.70	57.52	115.21	-206.73
35451	86.36	-12.80	12.09	-1.34	-38.97	-378.61	45.36	94.19	-173.14
35452	87.20	-12.41	12.09	-7.34	-34.69	-304.03	33.58	72.09	-144.67
35453	78.95	-15.66	12.09	207.98	-99.61	-954.31	23.32	29.95	-343.08
35454	79.94	-15.60	12.09	180.66	-89.09	-889.71	40.68	56.50	-316.58
35455	80.92	-15.48	12.09	151.53	-76.65	-816.74	52.26	75.06	-285.94
35456	81.89	-15.31	12.09	122.49	-63.62	-737.93	58.30	85.66	-253.29
35457	82.85	-15.09	12.09	95.05	-51.23	-655.90	59.32	88.72	-220.65
35458	83.80	-14.81	12.09	70.38	-40.36	-573.11	56.22	85.25	-189.64
35459	84.72	-14.48	12.09	49.49	-31.53	-491.56	49.98	76.42	-161.36
35460	85.62	-14.09	12.09	32.82	-25.14	-412.96	41.75	63.68	-136.59
35461	86.50	-13.66	12.09	20.43	-21.19	-338.60	32.61	48.58	-115.70
35462	87.34	-13.18	12.09	11.96	-19.46	-269.41	23.55	32.44	-98.41
35463	91.29	-9.38	12.09	-1.76	-34.94	1.03	-6.38	-19.25	-54.97
35464	90.77	-10.13	12.09	-0.68	-31.08	-28.17	-4.30	-17.71	-59.22
35465	90.20	-10.84	12.09	0.59	-27.16	-61.83	-1.56	-14.54	-62.57
35466	90.52	-9.33	12.09	-16.52	-42.16	-72.59	0.51	19.26	-81.75
35467	90.15	-9.98	12.09	-13.93	-38.29	-89.49	2.57	17.02	-84.98
35468	89.75	-10.61	12.09	-10.99	-34.41	-109.46	4.95	15.54	-87.06
35469	89.75	-9.28	12.09	-32.13	-48.96	-148.83	7.81	58.26	-106.91
35470	89.53	-9.83	12.09	-27.69	-44.64	-153.36	9.43	51.79	-108.48
35471	89.30	-10.37	12.09	-22.95	-40.45	-159.34	11.25	45.89	-108.81
35472	88.13	-12.66	12.09	6.50	-19.21	-207.59	15.23	17.33	-85.19
35473	87.95	-12.00	12.09	-10.05	-32.12	-241.73	23.62	52.65	-123.11
35474	87.76	-11.35	12.09	-27.02	-41.74	-284.18	29.78	88.73	-151.63
35475	88.87	-12.10	12.09	3.32	-20.92	-152.92	8.40	4.42	-75.30
35476	88.60	-11.58	12.09	-10.64	-31.61	-190.46	15.90	36.76	-107.37
35477	88.34	-11.08	12.09	-24.91	-39.90	-233.37	21.96	69.44	-132.97
35478	89.57	-11.50	12.09	1.87	-23.20	-103.15	2.72	-6.90	-67.36
35479	89.23	-11.14	12.09	-9.94	-31.74	-142.85	9.37	22.32	-93.68
35480	88.90	-10.79	12.09	-21.94	-39.25	-185.88	15.19	51.52	-116.46
35481	87.72	-9.35	10.41	-24.72	-78.51	-454.51	30.98	174.34	-204.24
35482	88.54	-9.32	10.41	-24.65	-73.61	-361.55	24.47	136.39	-176.87
35483	89.37	-9.29	10.41	-21.38	-67.85	-276.41	17.82	99.18	-150.98
35484	87.85	-10.06	10.41	-17.82	-72.78	-419.63	31.60	143.72	-200.03
35485	88.57	-9.96	10.41	-18.18	-68.30	-343.90	24.90	114.17	-174.77
35486	89.28	-9.86	10.41	-16.47	-63.43	-273.61	18.47	85.37	-150.91
35487	87.97	-10.78	10.41	-10.09	-66.41	-388.43	30.86	113.02	-190.40
35488	88.58	-10.60	10.41	-11.37	-62.69	-329.05	24.72	91.81	-169.34
35489	89.19	-10.42	10.41	-11.17	-58.71	-273.46	18.57	70.77	-148.84
35490	78.90	-9.64	10.41	275.71	-89.57	-1878.03	47.95	257.50	-562.35
35491	79.79	-9.63	10.41	223.07	-87.42	-1732.56	53.30	305.13	-520.77
35492	80.69	-9.62	10.41	173.24	-86.81	-1576.29	55.01	334.74	-480.62
35493	81.58	-9.60	10.41	128.98	-86.92	-1414.95	55.52	348.53	-442.05
35494	82.47	-9.58	10.41	89.01	-87.83	-1253.80	54.50	348.58	-404.94
35495	83.35	-9.55	10.41	54.43	-88.21	-1096.88	53.39	336.44	-368.55
35496	84.24	-9.52	10.41	27.54	-88.37	-947.29	50.74	314.87	-333.07
35497	85.12	-9.48	10.41	4.48	-87.86	-806.96	47.38	286.05	-298.62
35498	86.00	-9.44	10.41	-10.97	-85.68	-677.22	42.79	251.01	-265.28
35499	86.87	-9.39	10.41	-20.55	-82.40	-559.24	37.14	212.94	-233.38
35500	78.92	-10.92	10.41	273.28	-104.47	-1705.80	49.05	193.12	-619.58
35501	79.85	-10.89	10.41	223.84	-99.21	-1576.70	59.52	243.56	-572.75
35502	80.78	-10.85	10.41	175.41	-95.47	-1434.78	64.90	275.93	-524.89
35503	81.70	-10.80	10.41	130.79	-93.09	-1287.24	67.67	291.94	-476.92
35504	82.61	-10.73	10.41	92.09	-91.48	-1139.47	66.66	294.05	-429.96
35505	83.51	-10.65	10.41	57.73	-89.49	-995.97	63.61	284.35	-385.09
35506	84.41	-10.55	10.41	31.11	-86.74	-859.54	59.26	265.22	-342.32
35507	85.30	-10.44	10.41	9.72	-84.03	-732.49	53.38	239.34	-301.81
35508	86.18	-10.32	10.41	-4.85	-80.60	-615.71	46.40	208.59	-264.11
35509	87.05	-10.18	10.41	-13.84	-76.69	-509.48	38.76	175.56	-229.39
35510	78.93	-12.20	10.41	265.37	-129.05	-1509.63	43.82	129.49	-629.11
35511	79.90	-12.16	10.41	221.00	-120.26	-1400.51	59.19	177.93	-582.11
35512	80.86	-12.10	10.41	176.13	-112.39	-1278.56	68.25	210.40	-531.58
35513	81.80	-12.01	10.41	134.09	-104.54	-1150.55	72.01	227.66	-479.99
35514	82.74	-11.90	10.41	97.14	-97.08	-1021.57	71.93	232.23	-429.07
35515	83.66	-11.76	10.41	64.33	-91.37	-895.54	68.72	225.94	-380.17
35516	84.58	-11.60	10.41	38.06	-85.82	-775.40	63.05	210.77	-334.16
35517	85.48	-11.42	10.41	17.92	-80.34	-663.18	55.56	189.56	-291.62
35518	86.36	-11.21	10.41	3.52	-75.17	-559.56	47.16	164.39	-252.84
35519	87.23	-10.98	10.41	-5.70	-70.32	-464.59	38.41	137.22	-217.80
35520	78.95	-13.48	10.41	252.57	-146.58	-1320.91	32.96	73.12	-581.18
35521	79.94	-13.43	10.41	214.55	-135.43	-1231.32	51.25	115.23	-539.73
35522	80.92	-13.35	10.41	175.34	-123.52	-1130.43	63.10	144.83	-493.32
35523	81.90	-13.23	10.41	137.33	-112.28	-1023.34	68.96	162.17	-444.96
35524	82.85	-13.07	10.41	102.33	-101.68	-914.28	70.09	168.51	-396.72
35525	83.80	-12.88	10.41	72.29	-91.36	-806.45	67.08	165.44	-350.02
35526	84.73	-12.66	10.41	47.35	-82.19	-702.55	61.23	154.99	-306.30
35527	85.64	-12.40	10.41	27.72	-74.29	-604.20	53.52	139.20	-266.26
35528	86.53	-12.11	10.41	13.28	-67.57	-512.23	44.77	119.88	-230.13
35529	87.40	-11.79	10.41	3.51	-62.02	-426.98	35.73	98.66	-197.73
35530	78.96	-14.76	10.41	234.83	-142.95	-1179.68	19.47	30.18	-480.30
35531	79.98	-14.70	10.41	203.71	-131.98	-1104.44	38.30	63.21	-448.37
35532	80.98	-14.60	10.41	170.65	-119.30	-1019.91	51.21	87.25	-411.70
35533	81.98	-14.45	10.41	137.94	-105.84	-929.37	58.53	102.33	-372.47
35534	82.96	-14.25	10.41	107.31	-92.76	-835.98	60.78	108.94	-332.82
35535	83.92	-14.01	10.41	79.85	-80.95	-742.45	59.02	108.31	-294.46
35536	84.86	-13.72	10.41	56.53	-70.63	-650.75	54.20	101.77	-258.42
35537	85.79	-13.39	10.41	37.68	-62.00	-562.42	47.30	90.76	-225.38
35538	86.69	-13.01	10.41	23.24	-55.14	-478.55	39.25	76.73	-195.65
35539	87.56	-12.60	10.41	12.89	-49.96	-399.74	30.84	61.01	-169.22
35540	78.97	-16.04	10.41	212.70	-101.75	-1119.60	8.41	4.39	-349.66
35541	80.00	-15.98	10.41	188.09	-93.87	-1050.92	25.12	27.24	-327.78



Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
35542	81.03	-15.86	10.41	161.42	-84.05	-974.02	37.13	44.10	-302.41
35543	82.04	-15.68	10.41	134.36	-73.44	-891.37	44.46	54.83	-275.15
35544	83.04	-15.44	10.41	108.32	-62.96	-805.25	47.49	59.74	-247.40
35545	84.03	-15.14	10.41	84.47	-53.38	-717.72	46.84	59.45	-220.31
35546	84.99	-14.79	10.41	63.55	-45.31	-630.68	43.30	54.84	-194.84
35547	85.92	-14.38	10.41	46.05	-39.04	-545.71	37.71	46.94	-171.62
35548	86.83	-13.92	10.41	32.10	-34.67	-464.06	30.94	36.82	-150.97
35549	87.71	-13.41	10.41	21.55	-32.11	-386.73	23.72	25.42	-132.84
35550	91.78	-9.40	10.41	-0.22	-44.12	-60.50	-4.25	-12.98	-73.72
35551	91.24	-10.19	10.41	1.21	-40.39	-98.95	-2.12	-12.11	-80.68
35552	90.66	-10.95	10.41	2.99	-36.70	-142.57	0.74	-10.00	-87.08
35553	90.98	-9.35	10.41	-8.56	-53.21	-126.65	3.57	24.35	-99.57
35554	90.60	-10.03	10.41	-5.88	-49.63	-152.04	5.27	20.87	-104.67
35555	90.19	-10.69	10.41	-2.89	-45.96	-181.23	7.29	18.10	-108.92
35556	90.18	-9.29	10.41	-15.93	-61.30	-198.68	10.67	61.45	-124.95
35557	89.96	-9.88	10.41	-12.35	-57.46	-210.08	11.91	53.69	-127.65
35558	89.72	-10.45	10.41	-8.33	-53.51	-223.84	13.28	46.53	-129.28
35559	88.53	-12.86	10.41	13.99	-30.96	-316.15	16.68	14.36	-117.90
35560	88.33	-12.17	10.41	6.20	-46.39	-332.30	23.24	46.58	-148.25
35561	88.13	-11.48	10.41	-1.96	-57.72	-358.89	28.06	79.76	-172.82
35562	89.29	-12.27	10.41	8.81	-31.69	-252.43	10.57	4.67	-105.58
35563	89.01	-11.73	10.41	2.17	-44.78	-275.49	16.95	34.40	-132.00
35564	88.73	-11.19	10.41	-4.48	-54.75	-305.84	21.99	64.67	-154.50
35565	90.01	-11.64	10.41	5.53	-33.17	-193.56	5.12	-4.14	-94.93
35566	89.66	-11.26	10.41	-0.23	-43.78	-222.23	11.31	22.90	-117.33
35567	89.31	-10.89	10.41	-5.84	-52.94	-255.81	16.46	50.12	-137.81
35568	88.06	-9.37	8.72	7.88	-97.94	-477.69	24.69	145.82	-214.46
35569	88.91	-9.34	8.72	1.14	-92.14	-390.07	19.79	115.60	-189.01
35570	89.76	-9.30	8.72	-2.43	-85.56	-309.05	14.44	84.66	-164.80
35571	88.20	-10.12	8.72	9.73	-92.53	-451.58	24.54	117.40	-212.09
35572	88.95	-10.01	8.72	3.98	-87.09	-379.48	19.56	94.05	-188.70
35573	89.68	-9.90	8.72	0.39	-81.34	-312.02	14.51	70.45	-166.46
35574	88.33	-10.87	8.72	12.05	-85.84	-430.64	23.44	88.80	-205.18
35575	88.97	-10.69	8.72	6.95	-81.31	-372.83	18.86	72.40	-185.64
35576	89.59	-10.49	8.72	3.32	-76.53	-318.28	14.08	55.63	-166.56
35577	78.92	-9.67	8.72	331.28	-126.68	-1689.50	10.19	160.51	-532.44
35578	79.84	-9.66	8.72	282.36	-124.12	-1574.39	20.82	205.06	-499.04
35579	80.77	-9.65	8.72	234.53	-122.08	-1447.95	28.30	235.99	-464.99
35580	81.70	-9.63	8.72	189.27	-120.47	-1315.48	33.10	254.05	-430.98
35581	82.62	-9.61	8.72	148.17	-118.84	-1181.22	35.98	260.57	-397.37
35582	83.54	-9.58	8.72	111.86	-117.03	-1048.48	37.07	257.17	-364.44
35583	84.45	-9.54	8.72	80.38	-114.62	-919.91	36.86	245.25	-332.27
35584	85.36	-9.50	8.72	54.72	-111.51	-797.43	35.34	226.50	-300.94
35585	86.27	-9.46	8.72	34.07	-107.73	-682.25	32.72	202.70	-270.64
35586	87.18	-9.41	8.72	18.60	-103.03	-574.88	29.05	175.16	-241.47
35587	78.94	-11.02	8.72	312.59	-139.24	-1560.18	8.15	110.74	-569.65
35588	79.91	-10.99	8.72	267.68	-134.49	-1455.61	22.51	155.06	-533.25
35589	80.87	-10.95	8.72	222.83	-129.97	-1339.59	32.53	186.47	-494.49
35590	81.83	-10.89	8.72	180.11	-125.63	-1217.29	38.62	205.51	-454.89
35591	82.77	-10.82	8.72	140.83	-121.36	-1093.18	41.85	213.23	-415.46
35592	83.71	-10.73	8.72	106.45	-117.13	-970.66	42.58	211.34	-376.80
35593	84.64	-10.63	8.72	76.82	-112.82	-852.34	41.27	201.50	-339.55
35594	85.56	-10.52	8.72	52.69	-108.09	-739.89	38.46	185.46	-304.08
35595	86.48	-10.39	8.72	33.55	-103.06	-634.35	34.46	164.95	-270.55
35596	87.38	-10.24	8.72	19.26	-97.70	-536.07	29.54	141.39	-239.11
35597	78.96	-12.37	8.72	289.84	-152.86	-1427.19	3.60	62.59	-569.08
35598	79.96	-12.33	8.72	250.28	-146.03	-1334.74	20.76	103.70	-533.52
35599	80.96	-12.26	8.72	209.84	-138.67	-1231.53	32.86	133.64	-494.26
35600	81.94	-12.17	8.72	170.68	-131.31	-1122.11	40.46	152.65	-453.15
35601	82.91	-12.05	8.72	134.35	-124.11	-1010.53	44.14	161.45	-411.76
35602	83.87	-11.90	8.72	102.30	-116.87	-899.98	44.69	161.54	-371.26
35603	84.82	-11.74	8.72	74.78	-109.91	-792.79	42.82	154.55	-332.47
35604	85.75	-11.54	8.72	52.14	-103.24	-690.52	39.18	142.04	-295.89
35605	86.67	-11.33	8.72	34.23	-96.82	-594.14	34.30	125.59	-261.80
35606	87.57	-11.08	8.72	20.66	-90.79	-503.98	28.69	106.61	-230.31
35607	78.97	-13.72	8.72	263.46	-157.87	-1313.05	-2.21	20.50	-527.24
35608	80.01	-13.67	8.72	229.99	-149.93	-1231.56	16.22	55.66	-496.09
35609	81.03	-13.58	8.72	194.88	-140.70	-1140.53	29.52	82.08	-460.60
35610	82.04	-13.45	8.72	160.29	-130.78	-1043.64	38.04	99.63	-422.72
35611	83.04	-13.29	8.72	127.87	-120.81	-944.14	42.31	108.87	-384.15
35612	84.02	-13.09	8.72	98.62	-111.37	-844.72	43.14	110.83	-346.23
35613	84.98	-12.85	8.72	73.35	-102.55	-747.44	41.23	106.74	-309.88
35614	85.92	-12.58	8.72	52.36	-94.49	-653.79	37.33	97.97	-275.73
35615	86.85	-12.27	8.72	35.55	-87.31	-564.71	32.14	85.84	-244.07
35616	87.75	-11.93	8.72	22.65	-81.06	-480.72	26.23	71.49	-214.92
35617	78.98	-15.07	8.72	234.20	-143.28	-1240.78	-6.82	-11.99	-451.12
35618	80.04	-15.01	8.72	206.83	-135.85	-1166.83	10.95	15.32	-426.55
35619	81.09	-14.90	8.72	177.54	-126.54	-1084.55	24.16	36.47	-397.98
35620	82.13	-14.74	8.72	148.07	-116.34	-996.69	32.86	51.15	-367.07
35621	83.14	-14.53	8.72	119.87	-105.99	-905.76	37.49	59.64	-335.24
35622	84.15	-14.28	8.72	94.11	-96.05	-813.94	38.61	62.54	-303.65
35623	85.13	-13.97	8.72	71.46	-87.01	-723.06	36.95	60.74	-273.24
35624	86.08	-13.62	8.72	52.31	-79.14	-634.54	33.24	55.26	-244.61
35625	87.01	-13.23	8.72	36.75	-72.57	-549.43	28.19	47.06	-218.07
35626	87.92	-12.79	8.72	24.62	-67.28	-468.45	22.43	37.07	-193.70
35627	78.99	-16.43	8.72	202.58	-104.42	-1225.26	-6.91	-33.44	-358.59
35628	80.07	-16.36	8.72	180.81	-98.85	-1154.66	8.44	-14.59	-340.61
35629	81.14	-16.23	8.72	157.16	-91.50	-1076.27	20.02	0.26	-319.66
35630	82.19	-16.04	8.72	132.98	-83.22	-992.18	27.78	10.84	-296.87
35631	83.23	-15.79	8.72	109.44	-74.83	-904.43	31.91	17.23	-273.28
35632	84.25	-15.47	8.72	87.50	-67.01	-814.91	32.87	19.80	-249.78
35633	85.25	-15.10	8.72	67.88	-60.22	-725.31	31.26	19.11	-227.09
35634	86.23	-14.67	8.72	51.00	-54.77	-637.09	27.72	15.83	-205.69
35635	87.17	-14.19	8.72	37.04	-50.79	-551.44	22.92	10.70	-185.88
35636	88.08	-13.65	8.72	25.97	-48.29	-469.42	17.44	4.33	-167.71
35637	92.26	-9.42	8.72	0.87	-59.55	-108.11	-6.08	-14.88	-95.84
35638	91.72	-10.25	8.72	2.39	-55.78	-152.49	-4.31	-15.71	-105.56
35639	91.12	-11.05	8.72	4.33	-52.12	-202.53	-1.80	-15.79	-114.88
35640	91.43	-9.37	8.72	-2.33	-69.32	-168.50	1.59	18.78	-118.03

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
35641	91.05	-10.08	8.72	0.11	-65.81	-199.78	2.71	13.80	-125.50
35642	90.63	-10.78	8.72	2.80	-62.15	-235.25	4.16	9.36	-132.29
35643	90.60	-9.31	8.72	-3.76	-78.19	-235.50	8.23	51.92	-140.78
35644	90.38	-9.92	8.72	-1.09	-74.50	-252.35	8.87	43.09	-145.38
35645	90.15	-10.52	8.72	2.03	-70.56	-272.04	9.63	34.79	-149.15
35646	88.92	-13.07	8.72	17.67	-47.03	-393.61	11.84	-2.07	-151.95
35647	88.72	-12.33	8.72	16.07	-63.48	-398.11	16.85	27.58	-173.70
35648	88.51	-11.61	8.72	14.14	-76.11	-412.57	20.84	58.06	-192.00
35649	89.71	-12.45	8.72	11.63	-47.48	-324.32	6.80	-7.70	-138.07
35650	89.42	-11.87	8.72	10.31	-61.51	-337.98	12.01	19.44	-157.47
35651	89.12	-11.30	8.72	9.07	-72.59	-358.71	16.29	47.07	-174.67
35652	90.45	-11.78	8.72	7.46	-48.73	-259.71	2.09	-12.89	-125.42
35653	90.09	-11.38	8.72	6.20	-60.12	-281.24	7.48	11.51	-142.42
35654	89.72	-10.98	8.72	5.19	-70.19	-307.63	11.97	36.16	-158.54
35655	88.40	-9.39	7.03	28.70	-118.11	-484.43	15.83	113.57	-221.07
35656	89.28	-9.35	7.03	18.01	-111.57	-402.53	12.18	89.51	-198.16
35657	90.16	-9.32	7.03	10.36	-104.44	-326.18	7.87	63.99	-176.45
35658	88.55	-10.17	7.03	26.86	-112.80	-466.42	14.74	86.91	-221.59
35659	89.32	-10.06	7.03	18.14	-106.68	-398.18	11.12	68.63	-200.49
35660	90.09	-9.94	7.03	11.49	-100.39	-333.83	7.26	49.56	-180.43
35661	88.70	-10.96	7.03	25.30	-105.75	-454.40	13.00	59.95	-218.49
35662	89.35	-10.77	7.03	18.26	-100.75	-398.34	9.75	47.61	-200.63
35663	90.00	-10.57	7.03	12.55	-95.57	-345.05	6.21	34.64	-183.22
35664	78.93	-9.71	7.03	353.99	-160.19	-1541.45	-23.23	80.16	-496.59
35665	79.90	-9.70	7.03	309.00	-157.30	-1445.49	-9.22	120.85	-469.93
35666	80.86	-9.68	7.03	264.12	-154.30	-1339.49	1.59	151.56	-441.83
35667	81.81	-9.66	7.03	221.04	-151.15	-1227.32	9.69	172.32	-413.02
35668	82.77	-9.63	7.03	180.88	-147.80	-1112.38	15.41	183.69	-384.01
35669	83.72	-9.60	7.03	144.48	-144.10	-997.49	19.17	186.56	-355.14
35670	84.67	-9.57	7.03	112.42	-139.98	-884.86	21.17	182.05	-326.66
35671	85.61	-9.53	7.03	84.79	-135.33	-776.10	21.67	171.33	-298.79
35672	86.55	-9.48	7.03	61.78	-130.08	-672.36	20.83	155.55	-271.67
35673	87.49	-9.43	7.03	43.10	-124.21	-574.32	18.79	135.85	-245.46
35674	78.96	-11.12	7.03	324.10	-169.06	-1450.15	-26.78	41.02	-525.66
35675	79.96	-11.09	7.03	283.47	-164.80	-1360.42	-10.27	80.36	-497.04
35676	80.96	-11.05	7.03	242.39	-160.00	-1260.93	2.37	110.40	-465.82
35677	81.95	-10.99	7.03	202.60	-154.88	-1155.59	11.55	130.99	-433.17
35678	82.94	-10.91	7.03	165.49	-149.50	-1047.74	17.68	142.69	-400.02
35679	83.91	-10.82	7.03	131.85	-143.86	-940.15	21.25	146.38	-367.10
35680	84.87	-10.71	7.03	102.36	-137.94	-834.90	22.72	143.24	-334.92
35681	85.83	-10.59	7.03	77.11	-131.80	-733.52	22.45	134.48	-303.84
35682	86.77	-10.46	7.03	56.17	-125.44	-636.95	20.81	121.30	-274.15
35683	87.70	-10.31	7.03	39.31	-118.95	-545.72	18.04	104.83	-245.99
35684	78.98	-12.54	7.03	291.06	-174.50	-1367.39	-30.03	3.23	-525.47
35685	80.02	-12.50	7.03	255.72	-169.19	-1284.27	-12.07	38.96	-497.68
35686	81.06	-12.43	7.03	219.40	-162.75	-1192.17	1.70	66.80	-466.38
35687	82.08	-12.33	7.03	183.81	-155.60	-1094.57	11.57	86.42	-433.02
35688	83.09	-12.20	7.03	150.35	-148.09	-994.48	17.98	98.20	-398.84
35689	84.08	-12.05	7.03	119.92	-140.47	-894.41	21.46	102.93	-364.80
35690	85.06	-11.87	7.03	93.16	-132.88	-796.27	22.54	101.62	-331.62
35691	86.03	-11.67	7.03	70.27	-125.41	-701.46	21.75	95.42	-299.80
35692	86.98	-11.44	7.03	51.25	-118.18	-610.85	19.56	85.43	-269.66
35693	87.91	-11.19	7.03	35.89	-111.36	-524.94	16.41	72.69	-241.37
35694	78.99	-13.97	7.03	255.93	-168.87	-1308.28	-31.65	-30.31	-494.65
35695	80.07	-13.91	7.03	226.25	-163.34	-1230.58	-13.71	-0.21	-470.15
35696	81.14	-13.81	7.03	195.21	-156.13	-1144.84	0.19	23.86	-441.82
35697	82.19	-13.68	7.03	164.36	-147.93	-1053.91	10.17	41.46	-411.11
35698	83.22	-13.50	7.03	135.00	-139.27	-960.33	16.59	52.76	-379.30
35699	84.24	-13.29	7.03	108.11	-130.56	-866.25	19.93	58.30	-347.42
35700	85.24	-13.04	7.03	84.27	-122.15	-773.40	20.78	58.88	-316.27
35701	86.21	-12.76	7.03	63.78	-114.24	-683.09	19.69	55.43	-286.42
35702	87.17	-12.43	7.03	46.70	-106.98	-596.23	17.18	48.85	-258.19
35703	88.10	-12.08	7.03	32.86	-100.48	-513.44	13.75	40.00	-231.70
35704	79.00	-15.39	7.03	219.76	-146.66	-1284.92	-29.73	-57.47	-438.66
35705	80.11	-15.32	7.03	195.54	-141.90	-1210.50	-13.33	-34.38	-418.92
35706	81.20	-15.21	7.03	169.82	-135.27	-1128.70	-0.50	-15.37	-395.74
35707	82.27	-15.04	7.03	143.90	-127.49	-1041.77	8.74	-0.88	-370.30
35708	83.33	-14.82	7.03	118.91	-119.26	-951.81	14.64	9.09	-343.65
35709	84.37	-14.54	7.03	95.74	-111.12	-860.72	17.59	14.86	-316.74
35710	85.39	-14.22	7.03	74.99	-103.47	-770.07	18.12	16.94	-290.27
35711	86.38	-13.85	7.03	57.03	-96.60	-681.16	16.77	15.99	-264.78
35712	87.34	-13.44	7.03	41.97	-90.66	-595.03	14.08	12.69	-240.56
35713	88.28	-12.98	7.03	29.75	-85.71	-512.44	10.53	7.68	-217.80
35714	79.01	-16.81	7.03	183.48	-107.56	-1301.25	-22.29	-77.47	-369.46
35715	80.13	-16.74	7.03	164.12	-104.10	-1228.13	-8.66	-61.90	-354.66
35716	81.24	-16.61	7.03	143.36	-99.06	-1147.64	1.96	-48.65	-337.32
35717	82.34	-16.40	7.03	122.19	-93.13	-1061.67	9.49	-38.09	-318.23
35718	83.42	-16.14	7.03	101.54	-86.95	-972.02	14.08	-30.29	-298.11
35719	84.48	-15.81	7.03	82.18	-81.05	-880.41	16.04	-25.11	-277.62
35720	85.52	-15.42	7.03	64.68	-75.84	-788.41	15.81	-22.24	-257.30
35721	86.53	-14.96	7.03	49.42	-71.61	-697.39	13.90	-21.29	-237.55
35722	87.50	-14.45	7.03	36.57	-68.51	-608.56	10.81	-21.81	-218.65
35723	88.44	-13.89	7.03	26.14	-66.56	-522.97	7.02	-23.41	-200.67
35724	92.75	-9.44	7.03	1.74	-78.18	-137.64	-10.02	-21.91	-118.07
35725	92.19	-10.32	7.03	3.09	-74.46	-185.78	-8.98	-24.91	-130.41
35726	91.59	-11.15	7.03	4.82	-70.86	-240.05	-7.24	-27.63	-142.37
35727	91.89	-9.38	7.03	2.18	-87.73	-194.07	-3.22	7.37	-136.12
35728	91.50	-10.14	7.03	4.14	-84.36	-229.28	-2.84	0.82	-146.04
35729	91.07	-10.87	7.03	6.25	-80.79	-269.00	-2.13	-5.43	-155.37
35730	91.03	-9.32	7.03	4.80	-96.66	-256.86	2.58	36.11	-155.38
35731	90.81	-9.97	7.03	6.54	-93.17	-277.65	2.54	26.37	-162.20
35732	90.57	-10.60	7.03	8.67	-89.31	-301.61	2.61	16.98	-168.36
35733	89.32	-13.27	7.03	18.16	-65.64	-443.29	2.97	-25.26	-184.44
35734	89.10	-12.50	7.03	20.80	-82.12	-440.02	6.82	2.64	-198.58
35735	88.88	-11.74	7.03	23.18	-95.31	-445.52	10.28	31.15	-210.52
35736	90.13	-12.62	7.03	12.19	-66.22	-370.05	-0.74	-26.73	-169.44
35737	89.82	-12.01	7.03	14.51	-80.20	-377.55	3.45	-1.67	-182.42
35738	89.52	-11.42	7.03	17.01	-91.62	-391.31	7.12	23.78	-194.15
35739	90.90	-11.92	7.03	7.94	-67.53	-301.46	-4.32	-28.08	-155.24

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
35740	90.51	-11.50	7.03	9.74	-78.81	-318.41	0.21	-6.05	-167.10
35741	90.14	-11.08	7.03	11.90	-89.02	-339.67	4.06	16.23	-178.63
35742	88.73	-9.41	5.34	40.51	-137.13	-477.15	6.17	82.11	-225.01
35743	89.65	-9.37	5.34	28.15	-130.20	-400.86	3.45	63.01	-205.10
35744	90.56	-9.33	5.34	18.63	-122.78	-329.12	-0.02	41.99	-186.28
35745	88.90	-10.23	5.34	36.18	-132.43	-466.22	4.02	57.07	-229.32
35746	89.70	-10.11	5.34	26.37	-125.83	-401.77	1.44	42.84	-210.66
35747	90.49	-9.99	5.34	18.45	-119.17	-340.49	-1.45	27.46	-192.86
35748	89.06	-11.05	5.34	32.01	-125.54	-461.89	1.37	31.43	-230.75
35749	89.73	-10.85	5.34	24.47	-120.15	-407.62	-0.80	22.33	-214.42
35750	90.40	-10.64	5.34	18.10	-114.63	-355.63	-3.29	12.44	-198.53
35751	78.95	-9.74	5.34	353.51	-187.26	-1417.34	-50.10	11.65	-458.17
35752	79.95	-9.73	5.34	311.89	-184.02	-1333.82	-34.23	49.58	-437.02
35753	80.94	-9.71	5.34	270.40	-180.35	-1241.76	-21.30	80.05	-414.22
35754	81.93	-9.69	5.34	230.26	-176.31	-1144.07	-11.07	102.72	-390.35
35755	82.92	-9.66	5.34	192.46	-171.92	-1043.40	-3.25	117.69	-365.93
35756	83.90	-9.63	5.34	157.75	-167.16	-942.03	2.41	125.44	-341.33
35757	84.88	-9.59	5.34	126.59	-161.98	-841.79	6.18	126.61	-316.85
35758	85.85	-9.55	5.34	99.28	-156.38	-744.11	8.25	122.00	-292.73
35759	86.83	-9.51	5.34	75.86	-150.33	-650.02	8.83	112.47	-269.16
35760	87.79	-9.45	5.34	56.28	-143.79	-560.20	8.06	98.82	-246.31
35761	78.98	-11.23	5.34	315.72	-195.47	-1357.31	-55.00	-19.41	-486.99
35762	80.02	-11.20	5.34	278.78	-191.35	-1276.69	-37.29	16.67	-464.13
35763	81.06	-11.15	5.34	241.54	-186.32	-1188.16	-23.01	45.82	-438.80
35764	82.08	-11.08	5.34	205.33	-180.62	-1094.53	-11.93	67.67	-411.90
35765	83.10	-11.00	5.34	171.19	-174.42	-998.40	-3.73	82.31	-384.20
35766	84.11	-10.90	5.34	139.91	-167.84	-901.93	1.93	90.23	-356.32
35767	85.10	-10.79	5.34	111.94	-160.96	-806.85	5.41	92.14	-328.74
35768	86.09	-10.67	5.34	87.55	-153.84	-714.40	7.06	88.87	-301.83
35769	87.06	-10.52	5.34	66.75	-146.57	-625.47	7.19	81.28	-275.84
35770	88.03	-10.37	5.34	49.49	-139.26	-540.57	6.03	70.24	-250.98
35771	79.00	-12.72	5.34	275.47	-196.72	-1314.58	-57.66	-50.26	-494.26
35772	80.08	-12.67	5.34	243.89	-192.23	-1236.58	-39.40	-17.77	-471.73
35773	81.16	-12.59	5.34	211.63	-186.25	-1151.46	-24.69	8.88	-446.09
35774	82.22	-12.49	5.34	179.98	-179.23	-1061.71	-13.37	29.25	-418.41
35775	83.26	-12.35	5.34	149.99	-171.56	-969.67	-5.16	43.37	-389.65
35776	84.29	-12.19	5.34	122.44	-163.52	-877.30	0.33	51.62	-360.61
35777	85.31	-12.01	5.34	97.82	-155.34	-786.14	3.52	54.65	-331.89
35778	86.30	-11.79	5.34	76.36	-147.20	-697.34	4.81	53.22	-303.96
35779	87.28	-11.55	5.34	58.09	-139.25	-611.70	4.61	48.14	-277.13
35780	88.24	-11.29	5.34	42.88	-131.73	-529.70	3.32	40.19	-251.60
35781	79.01	-14.21	5.34	234.40	-184.54	-1299.84	-56.70	-79.00	-478.04
35782	80.14	-14.15	5.34	208.24	-180.47	-1223.27	-39.41	-51.75	-457.70
35783	81.24	-14.05	5.34	181.17	-174.50	-1140.19	-25.42	-28.84	-434.00
35784	82.33	-13.90	5.34	154.35	-167.25	-1052.72	-14.67	-10.76	-408.01
35785	83.40	-13.72	5.34	128.76	-159.24	-962.89	-6.94	2.40	-380.72
35786	84.46	-13.50	5.34	105.11	-150.93	-872.44	-1.90	10.88	-352.95
35787	85.49	-13.24	5.34	83.91	-142.65	-782.79	0.89	15.16	-325.39
35788	86.50	-12.93	5.34	65.41	-134.67	-695.04	1.84	15.85	-298.53
35789	87.49	-12.60	5.34	49.66	-127.18	-610.04	1.38	13.61	-272.71
35790	88.45	-12.22	5.34	36.56	-120.32	-528.35	-0.08	9.09	-248.11
35791	79.03	-15.70	5.34	194.13	-155.68	-1318.29	-50.52	-104.09	-439.59
35792	80.17	-15.63	5.34	172.92	-152.73	-1241.72	-35.60	-83.36	-422.82
35793	81.31	-15.51	5.34	150.78	-147.90	-1158.71	-23.48	-65.30	-402.99
35794	82.42	-15.33	5.34	128.67	-141.84	-1071.15	-14.23	-50.38	-380.95
35795	83.52	-15.10	5.34	107.41	-135.11	-980.82	-7.67	-38.79	-357.53
35796	84.60	-14.81	5.34	87.64	-128.19	-889.34	-3.54	-30.43	-333.47
35797	85.65	-14.48	5.34	69.84	-121.47	-798.12	-1.46	-25.04	-309.37
35798	86.68	-14.09	5.34	54.27	-115.25	-708.32	-1.02	-22.20	-285.71
35799	87.67	-13.65	5.34	41.05	-109.70	-620.93	-1.81	-21.46	-262.79
35800	88.64	-13.17	5.34	30.12	-104.92	-536.69	-3.46	-22.34	-240.82
35801	79.03	-17.20	5.34	156.02	-113.49	-1364.90	-37.80	-124.53	-384.18
35802	80.20	-17.12	5.34	138.99	-111.74	-1287.65	-26.10	-111.02	-371.75
35803	81.35	-16.98	5.34	121.16	-108.64	-1203.44	-16.78	-98.56	-357.05
35804	82.49	-16.77	5.34	103.25	-104.69	-1113.98	-9.89	-87.53	-340.59
35805	83.61	-16.49	5.34	85.95	-100.42	-1020.98	-5.30	-78.13	-322.91
35806	84.71	-16.14	5.34	69.82	-96.23	-926.04	-2.78	-70.41	-304.49
35807	85.79	-15.73	5.34	55.27	-92.47	-830.66	-2.00	-64.25	-285.75
35808	86.83	-15.25	5.34	42.58	-89.39	-736.17	-2.57	-59.48	-267.04
35809	87.84	-14.72	5.34	31.86	-87.14	-643.76	-4.10	-55.86	-248.60
35810	88.81	-14.12	5.34	23.13	-85.73	-554.50	-6.25	-53.14	-230.56
35811	93.23	-9.47	5.34	3.16	-96.87	-149.95	-15.15	-31.53	-137.99
35812	92.67	-10.38	5.34	4.04	-93.52	-200.64	-15.20	-36.79	-152.77
35813	92.05	-11.25	5.34	5.20	-90.22	-257.94	-14.58	-42.19	-167.14
35814	92.34	-9.40	5.34	6.19	-105.94	-203.95	-9.54	-6.65	-152.35
35815	91.95	-10.19	5.34	7.45	-102.93	-241.90	-10.13	-14.73	-164.62
35816	91.52	-10.96	5.34	8.73	-99.66	-284.65	-10.39	-22.75	-176.31
35817	91.46	-9.34	5.34	10.99	-114.84	-263.64	-4.53	18.32	-168.33
35818	91.23	-10.01	5.34	11.84	-111.73	-287.33	-5.41	7.78	-177.43
35819	90.99	-10.67	5.34	12.94	-108.16	-314.45	-6.21	-2.68	-185.98
35820	89.71	-13.48	5.34	16.42	-85.14	-471.19	-8.66	-50.80	-213.77
35821	89.49	-12.67	5.34	21.98	-101.38	-462.35	-5.46	-23.64	-221.86
35822	89.25	-11.87	5.34	27.14	-114.87	-460.76	-1.95	3.91	-228.15
35823	90.55	-12.79	5.34	11.36	-85.83	-394.47	-10.85	-48.37	-197.71
35824	90.23	-12.16	5.34	16.19	-99.40	-397.86	-7.36	-24.66	-205.44
35825	89.91	-11.53	5.34	21.02	-110.95	-406.36	-3.86	-0.50	-212.40
35826	91.34	-12.06	5.34	7.75	-87.14	-322.59	-13.00	-45.98	-182.13
35827	90.94	-11.61	5.34	11.70	-97.92	-336.68	-9.22	-25.92	-189.64
35828	90.55	-11.18	5.34	15.78	-108.08	-354.34	-5.71	-5.29	-197.22
35829	79.02	1.65	4.00	473.70	-158.31	-1688.90	13.12	62.72	17.39
35830	79.02	0.55	4.00	474.50	-161.06	-1654.64	5.12	64.42	-34.52
35831	79.02	-0.55	4.00	472.48	-163.64	-1620.15	-2.96	63.53	-82.91
35832	79.02	-1.65	4.00	467.71	-165.74	-1586.05	-11.09	60.09	-128.86
35833	80.16	1.65	4.00	407.84	-156.85	-1579.45	12.94	119.47	15.41
35834	80.16	0.55	4.00	408.05	-159.52	-1544.75	6.90	119.52	-34.06
35835	80.16	-0.55	4.00	406.20	-161.99	-1510.72	0.63	116.97	-80.07
35836	80.16	-1.65	4.00	402.32	-164.00	-1477.99	-5.77	111.90	-123.68
35837	81.30	1.65	4.00	344.81	-154.97	-1459.08	12.96	165.58	15.14
35838	81.31	0.55	4.00	344.76	-157.36	-1424.51	8.57	164.01	-32.04

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
35839	81.31	-0.55	4.00	343.23	-159.65	-1391.40	3.79	159.90	-75.89
35840	81.30	-1.65	4.00	340.26	-161.57	-1360.35	-1.19	153.39	-117.41
35841	82.44	1.65	4.00	285.68	-152.86	-1331.55	12.92	200.86	16.40
35842	82.45	0.55	4.00	285.64	-154.83	-1297.63	9.91	197.79	-28.62
35843	82.45	-0.55	4.00	284.57	-156.86	-1265.85	6.40	192.30	-70.51
35844	82.44	-1.65	4.00	282.51	-158.68	-1236.73	2.62	184.57	-110.16
35845	83.57	1.65	4.00	231.21	-150.72	-1200.09	12.60	225.47	18.93
35846	83.59	0.55	4.00	231.40	-152.16	-1167.22	10.77	221.14	-24.03
35847	83.59	-0.55	4.00	230.90	-153.84	-1137.08	8.36	214.51	-64.11
35848	83.57	-1.65	4.00	229.74	-155.53	-1110.12	5.61	205.79	-102.07
35849	84.71	1.65	4.00	181.96	-148.71	-1067.46	11.87	239.83	22.35
35850	84.73	0.55	4.00	182.51	-149.54	-1035.92	11.04	234.53	-18.57
35851	84.73	-0.55	4.00	182.65	-150.82	-1007.64	9.59	227.04	-56.92
35852	84.71	-1.65	4.00	182.36	-152.32	-982.98	7.73	217.60	-93.29
35853	85.85	1.65	4.00	138.36	-146.95	-936.08	10.69	244.55	26.30
35854	85.88	0.55	4.00	139.35	-147.15	-905.98	10.69	238.56	-12.59
35855	85.88	-0.55	4.00	140.12	-147.98	-879.64	10.05	230.52	-49.20
35856	85.85	-1.65	4.00	140.64	-149.23	-857.35	8.97	220.65	-84.02
35857	86.99	1.65	4.00	100.71	-145.49	-808.02	9.12	240.39	30.39
35858	87.02	0.55	4.00	102.13	-145.07	-779.32	9.74	234.00	-6.40
35859	87.02	-0.55	4.00	103.48	-145.41	-754.89	9.76	225.70	-41.24
35860	86.99	-1.65	4.00	104.72	-146.36	-734.93	9.32	215.70	-74.49
35861	88.13	1.65	4.00	69.20	-144.31	-685.04	7.25	228.29	34.32
35862	88.16	0.55	4.00	70.98	-143.32	-657.57	8.30	221.76	-0.33
35863	88.16	-0.55	4.00	72.82	-143.19	-634.90	8.79	213.46	-33.34
35864	88.13	-1.65	4.00	74.64	-143.77	-617.12	8.84	203.60	-64.96
35865	89.27	1.65	4.00	43.79	-143.34	-568.52	5.26	209.35	37.80
35866	89.31	0.55	4.00	45.85	-141.87	-542.00	6.49	202.86	5.34
35867	89.31	-0.55	4.00	48.03	-141.27	-520.82	7.27	194.78	-25.77
35868	89.27	-1.65	4.00	50.25	-141.46	-505.00	7.63	185.32	-55.70
35869	90.40	1.65	4.00	24.29	-142.42	-459.49	3.33	184.71	40.62
35870	90.45	0.55	4.00	26.50	-140.59	-433.57	4.51	178.41	10.37
35871	90.45	-0.55	4.00	28.86	-139.58	-413.54	5.34	170.74	-18.78
35872	90.40	-1.65	4.00	31.27	-139.36	-399.36	5.83	161.84	-46.95
35873	91.54	1.65	4.00	10.30	-141.37	-358.64	1.68	155.58	42.61
35874	91.59	0.55	4.00	12.51	-139.31	-332.93	2.57	149.57	14.57
35875	91.59	-0.55	4.00	14.86	-137.98	-313.66	3.22	142.40	-12.60
35876	91.54	-1.65	4.00	17.28	-137.34	-300.75	3.61	134.22	-38.96
35877	92.68	1.65	4.00	1.27	-139.94	-266.41	0.53	123.15	43.63
35878	92.73	0.55	4.00	3.35	-137.82	-240.53	0.88	117.50	17.77
35879	92.73	-0.55	4.00	5.52	-136.25	-221.62	1.11	110.92	-7.41
35880	92.68	-1.65	4.00	7.74	-135.25	-209.59	1.16	103.53	-31.94
35881	93.82	1.65	4.00	-3.30	-137.86	-183.07	0.06	88.63	43.52
35882	93.88	0.55	4.00	-1.47	-135.83	-156.71	-0.35	83.40	19.80
35883	93.88	-0.55	4.00	0.40	-134.14	-137.81	-0.81	77.47	-3.39
35884	93.82	-1.65	4.00	2.26	-132.83	-126.29	-1.34	70.91	-26.08
35885	94.96	1.65	4.00	-3.91	-134.85	-108.80	0.40	53.34	42.13
35886	95.02	0.55	4.00	-2.38	-133.05	-81.83	-1.00	48.58	20.50
35887	95.02	-0.55	4.00	-0.91	-131.37	-62.70	-2.40	43.33	-0.74
35888	94.96	-1.65	4.00	0.51	-129.87	-51.38	-3.76	37.62	-21.56
35889	96.10	1.65	4.00	-1.31	-130.19	-40.23	1.41	18.73	39.31
35890	96.16	0.55	4.00	-0.03	-128.79	-12.71	-1.13	14.35	19.62
35891	96.16	-0.55	4.00	1.08	-127.23	6.77	-3.58	9.75	0.29
35892	96.10	-1.65	4.00	2.03	-125.53	18.21	-5.98	4.92	-18.73
35893	79.03	1.65	3.00	459.58	-150.62	-1586.54	14.18	13.80	17.66
35894	79.03	0.55	3.00	461.15	-151.10	-1556.99	5.24	15.13	-31.59
35895	79.03	-0.55	3.00	459.61	-152.63	-1526.45	-3.76	14.35	-77.87
35896	79.03	-1.65	3.00	455.02	-154.96	-1495.42	-12.82	11.48	-121.83
35897	80.18	1.65	3.00	396.98	-149.11	-1486.10	13.03	71.09	15.96
35898	80.19	0.55	3.00	397.96	-149.55	-1456.09	6.30	71.14	-31.17
35899	80.19	-0.55	3.00	396.56	-150.99	-1425.93	-0.62	68.91	-75.37
35900	80.18	-1.65	3.00	392.85	-153.19	-1396.12	-7.68	64.46	-117.31
35901	81.34	1.65	3.00	337.00	-147.58	-1375.01	12.14	118.75	15.61
35902	81.35	0.55	3.00	337.66	-147.82	-1344.96	7.28	117.52	-29.44
35903	81.35	-0.55	3.00	336.55	-149.10	-1315.56	2.11	113.93	-71.66
35904	81.34	-1.65	3.00	333.72	-151.15	-1287.28	-3.27	108.08	-111.69
35905	82.49	1.65	3.00	280.59	-146.15	-1256.72	11.31	156.30	16.48
35906	82.50	0.55	3.00	281.16	-146.08	-1227.02	8.01	153.87	-26.52
35907	82.50	-0.55	3.00	280.46	-147.12	-1198.70	4.33	149.07	-66.86
35908	82.49	-1.65	3.00	278.53	-149.00	-1172.19	0.37	142.06	-105.11
35909	83.64	1.65	3.00	228.49	-144.94	-1134.30	10.35	183.73	18.39
35910	83.66	0.55	3.00	229.17	-144.48	-1105.25	8.38	180.25	-22.61
35911	83.66	-0.55	3.00	228.98	-145.21	-1078.26	5.95	174.44	-61.14
35912	83.64	-1.65	3.00	227.91	-146.88	-1053.71	3.18	166.49	-97.71
35913	84.80	1.65	3.00	181.30	-144.05	-1010.43	9.17	201.30	21.08
35914	84.82	0.55	3.00	182.23	-143.14	-982.23	8.29	196.97	-17.94
35915	84.82	-0.55	3.00	182.58	-143.50	-956.74	6.91	190.38	-54.72
35916	84.80	-1.65	3.00	182.35	-144.92	-934.25	5.14	181.75	-89.68
35917	85.95	1.65	3.00	139.46	-143.53	-887.44	7.72	209.53	24.25
35918	85.98	0.55	3.00	140.70	-142.14	-860.18	7.70	204.56	-12.78
35919	85.98	-0.55	3.00	141.60	-142.10	-836.24	7.19	197.45	-47.82
35920	85.95	-1.65	3.00	142.15	-143.22	-815.85	6.25	188.39	-81.21
35921	87.11	1.65	3.00	103.26	-143.38	-767.33	6.02	209.14	27.64
35922	87.14	0.55	3.00	104.84	-141.53	-740.97	6.66	203.73	-7.39
35923	87.14	-0.55	3.00	106.26	-141.06	-718.55	6.81	196.32	-40.69
35924	87.11	-1.65	3.00	107.47	-141.83	-700.20	6.54	187.11	-72.51
35925	88.26	1.65	3.00	72.85	-143.55	-651.76	4.17	200.97	31.00
35926	88.30	0.55	3.00	74.74	-141.28	-626.16	5.22	195.30	-2.04
35927	88.30	-0.55	3.00	76.60	-140.39	-605.11	5.85	187.81	-33.59
35928	88.26	-1.65	3.00	78.36	-140.78	-588.64	6.08	178.68	-63.84
35929	89.42	1.65	3.00	48.22	-143.94	-542.01	2.28	186.02	34.13
35930	89.45	0.55	3.00	50.36	-141.32	-516.96	3.54	180.24	3.07
35931	89.45	-0.55	3.00	52.53	-140.04	-497.03	4.43	172.83	-26.72
35932	89.42	-1.65	3.00	54.68	-140.02	-482.22	4.96	163.98	-55.40
35933	90.57	1.65	3.00	29.15	-144.39	-439.06	0.55	165.34	36.87
35934	90.61	0.55	3.00	31.43	-141.52	-414.24	1.76	159.53	7.74
35935	90.61	-0.55	3.00	33.79	-139.89	-395.12	2.70	152.34	-20.32
35936	90.57	-1.65	3.00	36.15	-139.46	-381.68	3.33	143.91	-47.42
35937	91.72	1.65	3.00	15.24	-144.68	-343.53	-0.83	140.00	39.10

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
35938	91.77	0.55	3.00	17.55	-141.70	-318.58	0.10	134.24	11.83
35939	91.77	-0.55	3.00	19.93	-139.80	-299.92	0.85	127.36	-14.54
35940	91.72	-1.65	3.00	22.32	-138.97	-287.49	1.37	119.46	-40.11
35941	92.88	1.65	3.00	5.91	-144.55	-255.76	-1.62	111.18	40.70
35942	92.93	0.55	3.00	8.11	-141.60	-230.30	-1.22	105.54	15.18
35943	92.93	-0.55	3.00	10.34	-139.53	-211.73	-0.90	99.02	-9.56
35944	92.88	-1.65	3.00	12.56	-138.35	-199.93	-0.72	91.72	-33.65
35945	94.03	1.65	3.00	0.43	-143.68	-175.99	-1.56	80.22	41.47
35946	94.09	0.55	3.00	2.36	-140.95	-149.73	-1.94	74.82	17.62
35947	94.09	-0.55	3.00	4.28	-138.84	-130.89	-2.31	68.76	-5.58
35948	94.03	-1.65	3.00	6.16	-137.38	-119.38	-2.74	62.12	-28.25
35949	95.19	1.65	3.00	-1.63	-141.66	-103.88	-0.49	48.44	41.10
35950	95.25	0.55	3.00	-0.03	-139.29	-76.71	-1.88	43.44	18.88
35951	95.25	-0.55	3.00	1.50	-137.28	-57.39	-3.23	37.96	-2.87
35952	95.19	-1.65	3.00	2.95	-135.66	-45.88	-4.52	32.04	-24.13
35953	96.34	1.65	3.00	-1.43	-138.17	-39.44	1.62	15.78	39.18
35954	96.40	0.55	3.00	-0.13	-136.41	-11.62	-0.99	11.24	18.56
35955	96.40	-0.55	3.00	1.02	-134.64	8.16	-3.48	6.41	-1.62
35956	96.34	-1.65	3.00	2.01	-132.89	19.86	-5.91	1.32	-21.44
35957	77.88	-1.65	4.00	535.09	-166.61	-1680.33	-17.09	-1.39	-132.83
35958	77.88	-0.55	4.00	540.72	-164.37	-1715.42	-6.83	0.24	-84.34
35959	77.88	0.55	4.00	542.72	-161.79	-1749.90	3.45	-0.58	-33.36
35960	77.88	1.65	4.00	541.03	-159.15	-1783.15	13.80	-3.82	21.09
35961	76.74	-1.65	4.00	602.88	-166.41	-1756.25	-23.67	-70.95	-135.44
35962	76.74	-0.55	4.00	609.30	-163.99	-1791.87	-10.83	-71.28	-84.29
35963	76.74	0.55	4.00	611.11	-161.49	-1825.86	2.11	-73.76	-30.64
35964	76.74	1.65	4.00	608.24	-159.18	-1857.62	15.28	-78.31	26.37
35965	75.60	-1.65	4.00	669.59	-164.95	-1809.35	-30.68	-145.74	-136.51
35966	75.59	-0.55	4.00	676.66	-162.29	-1844.92	-14.78	-148.12	-82.77
35967	75.59	0.55	4.00	678.10	-159.95	-1877.96	1.29	-152.15	-26.52
35968	75.60	1.65	4.00	673.86	-158.21	-1907.91	17.73	-157.70	32.89
35969	74.47	-1.65	4.00	734.26	-161.96	-1835.89	-37.84	-221.58	-135.89
35970	74.45	-0.55	4.00	741.78	-158.99	-1870.73	-18.47	-226.01	-79.81
35971	74.45	0.55	4.00	742.70	-156.90	-1902.42	1.13	-231.40	-21.24
35972	74.47	1.65	4.00	737.00	-155.95	-1930.45	21.22	-237.59	40.23
35973	73.33	-1.65	4.00	797.06	-157.00	-1833.61	-44.74	-293.17	-133.47
35974	73.31	-0.55	4.00	804.74	-153.64	-1866.98	-21.66	-299.52	-75.52
35975	73.31	0.55	4.00	805.02	-151.87	-1896.99	1.66	-306.03	-15.14
35976	73.33	1.65	4.00	797.91	-151.94	-1923.21	25.60	-312.51	47.84
35977	72.19	-1.65	4.00	859.69	-149.34	-1802.27	-50.83	-354.65	-129.27
35978	72.17	-0.55	4.00	867.19	-145.52	-1833.42	-24.09	-362.62	-70.07
35979	72.17	0.55	4.00	866.75	-144.14	-1861.54	2.85	-369.97	-8.55
35980	72.19	1.65	4.00	858.41	-145.44	-1886.25	30.53	-376.47	55.23
35981	71.05	-1.65	4.00	925.74	-137.86	-1743.79	-55.45	-400.30	-123.43
35982	71.02	-0.55	4.00	932.71	-133.49	-1772.05	-25.52	-409.48	-63.73
35983	71.02	0.55	4.00	931.52	-132.55	-1798.16	4.53	-417.35	-1.85
35984	71.05	1.65	4.00	922.24	-135.25	-1821.85	35.45	-423.70	61.97
35985	69.91	-1.65	4.00	1000.67	-120.91	-1661.99	-57.95	-425.35	-116.28
35986	69.88	-0.55	4.00	1006.77	-115.95	-1686.82	-25.71	-435.19	-56.80
35987	69.88	0.55	4.00	1004.85	-115.50	-1710.94	6.47	-443.29	4.67
35988	69.91	1.65	4.00	994.98	-119.70	-1734.19	39.66	-449.43	67.76
35989	68.77	-1.65	4.00	1091.95	-96.24	-1561.82	-57.74	-426.52	-108.31
35990	68.74	-0.55	4.00	1096.96	-90.83	-1582.82	-24.55	-436.44	-49.67
35991	68.74	0.55	4.00	1094.36	-90.88	-1605.11	8.41	-444.49	10.77
35992	68.77	1.65	4.00	1084.24	-96.52	-1628.59	42.48	-450.46	72.51
35993	67.63	-1.65	4.00	1209.33	-61.16	-1448.24	-54.57	-402.26	-100.18
35994	67.59	-0.55	4.00	1213.16	-55.65	-1465.19	-22.04	-411.71	-42.75
35995	67.59	0.55	4.00	1209.96	-56.24	-1485.87	10.10	-419.47	16.31
35996	67.63	1.65	4.00	1199.85	-62.98	-1510.29	43.42	-425.39	76.35
35997	66.50	-1.65	4.00	1366.32	-12.68	-1324.77	-48.54	-352.68	-92.67
35998	66.45	-0.55	4.00	1368.98	-7.59	-1337.54	-18.28	-361.25	-36.41
35999	66.45	0.55	4.00	1365.29	-8.73	-1356.94	11.29	-368.56	21.20
36000	66.50	1.65	4.00	1355.35	-16.09	-1383.05	42.25	-374.48	79.62
36001	65.36	-1.65	4.00	1583.52	52.28	-1191.16	-39.77	-279.16	-86.43
36002	65.31	-0.55	4.00	1584.55	56.96	-1199.87	-13.24	-287.02	-30.89
36003	65.31	0.55	4.00	1580.44	55.26	-1218.38	11.56	-293.76	25.35
36004	65.36	1.65	4.00	1571.31	47.23	-1246.81	38.68	-299.27	82.63
36005	64.22	-1.65	4.00	1895.80	137.90	-1038.16	-27.41	-184.06	-81.44
36006	64.17	-0.55	4.00	1893.04	143.99	-1043.67	-6.33	-193.18	-25.95
36007	64.17	0.55	4.00	1888.52	141.75	-1061.72	9.90	-199.29	28.26
36008	64.22	1.65	4.00	1882.38	131.21	-1092.43	31.40	-202.28	85.09
36009	63.08	-1.65	4.00	2366.47	253.55	-830.07	-10.00	-71.02	-76.49
36010	63.02	-0.55	4.00	2356.39	264.69	-836.70	2.96	-87.44	-20.72
36011	63.02	0.55	4.00	2351.27	261.96	-854.75	5.50	-92.91	28.98
36012	63.08	1.65	4.00	2351.32	245.32	-884.30	18.66	-87.27	85.58
36013	61.94	-1.65	4.00	3104.10	426.05	-408.41	2.11	47.68	-76.14
36014	61.88	-0.55	4.00	3093.01	441.66	-423.27	9.52	20.17	-19.56
36015	61.88	0.55	4.00	3086.90	438.45	-442.21	3.58	15.31	31.89
36016	61.94	1.65	4.00	3085.78	416.41	-465.16	10.96	33.22	88.67
36017	60.80	-1.65	4.00	4309.62	714.14	797.08	-38.66	389.61	-90.52
36018	60.74	-0.55	4.00	4320.33	732.54	805.83	0.16	379.25	-25.38
36019	60.74	0.55	4.00	4311.39	728.65	787.97	19.32	373.48	38.83
36020	60.80	1.65	4.00	4282.86	703.52	743.17	58.47	371.80	104.47
36021	77.87	-1.65	3.00	519.21	-156.31	-1581.53	-18.60	-49.94	-125.13
36022	77.87	-0.55	3.00	524.61	-153.84	-1613.39	-7.17	-48.82	-79.06
36023	77.87	0.55	3.00	526.14	-152.30	-1643.92	4.29	-49.53	-30.65
36024	77.87	1.65	3.00	523.73	-151.95	-1672.61	15.82	-52.03	20.69
36025	76.72	-1.65	3.00	584.33	-157.06	-1650.67	-24.91	-118.09	-127.07
36026	76.71	-0.55	3.00	590.48	-154.43	-1682.91	-10.69	-118.85	-78.93
36027	76.71	0.55	3.00	591.84	-152.96	-1713.04	3.63	-121.00	-28.41
36028	76.72	1.65	3.00	588.36	-152.92	-1740.55	18.14	-124.48	24.94
36029	75.56	-1.65	3.00	649.58	-156.96	-1699.33	-31.55	-190.32	-127.56
36030	75.55	-0.55	3.00	656.33	-154.14	-1731.41	-14.16	-192.99	-77.45
36031	75.55	0.55	3.00	657.37	-152.82	-1760.76	3.40	-196.49	-24.99
36032	75.56	1.65	3.00	652.68	-153.28	-1786.90	21.26	-200.69	30.14
36033	74.41	-1.65	3.00	714.75	-155.67	-1724.74	-38.22	-263.03	-126.51
36034	74.40	-0.55	3.00	721.90	-152.60	-1756.05	-17.37	-267.59	-74.71
36035	74.40	0.55	3.00	722.50	-151.51	-1784.29	3.69	-272.27	-20.60
36036	74.41	1.65	3.00	716.53	-152.66	-1809.03	25.17	-276.93	35.99

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
36037	73.26	-1.65	3.00	780.64	-152.62	-1725.34	-44.53	-332.00	-123.92
36038	73.24	-0.55	3.00	787.95	-149.22	-1755.25	-20.12	-338.30	-70.82
36039	73.24	0.55	3.00	788.00	-148.43	-1782.12	4.52	-343.96	-15.47
36040	73.26	1.65	3.00	780.79	-150.48	-1805.59	29.68	-348.81	42.10
36041	72.10	-1.65	3.00	849.37	-146.94	-1701.11	-49.96	-392.83	-119.92
36042	72.08	-0.55	3.00	856.54	-143.10	-1729.00	-22.15	-400.59	-65.98
36043	72.08	0.55	3.00	855.98	-142.66	-1754.34	5.81	-406.98	-9.89
36044	72.10	1.65	3.00	847.72	-145.82	-1776.82	34.43	-411.83	48.15
36045	70.95	-1.65	3.00	924.62	-137.30	-1653.63	-53.89	-441.55	-114.76
36046	70.92	-0.55	3.00	931.31	-132.92	-1678.94	-23.26	-450.37	-60.45
36047	70.92	0.55	3.00	930.12	-132.87	-1702.66	7.40	-457.25	-4.11
36048	70.95	1.65	3.00	921.08	-137.34	-1724.59	38.86	-461.99	53.91
36049	69.79	-1.65	3.00	1011.63	-121.87	-1585.68	-55.71	-475.36	-108.87
36050	69.76	-0.55	3.00	1017.53	-116.90	-1607.94	-23.25	-484.75	-54.55
36051	69.76	0.55	3.00	1015.71	-117.28	-1630.09	9.06	-491.85	1.67
36052	69.79	1.65	3.00	1006.24	-123.14	-1652.00	42.34	-496.48	59.29
36053	68.64	-1.65	3.00	1117.35	-98.25	-1500.58	-54.95	-493.24	-102.87
36054	68.60	-0.55	3.00	1122.22	-92.84	-1519.44	-22.03	-502.67	-48.66
36055	68.60	0.55	3.00	1119.83	-93.67	-1540.14	10.57	-509.77	7.32
36056	68.64	1.65	3.00	1110.27	-100.82	-1562.64	44.25	-514.37	64.40
36057	67.48	-1.65	3.00	1250.84	-63.71	-1400.98	-51.49	-496.65	-97.56
36058	67.45	-0.55	3.00	1254.60	-58.26	-1416.20	-19.65	-505.57	-43.21
36059	67.45	0.55	3.00	1251.73	-59.54	-1435.67	11.73	-512.46	12.79
36060	67.48	1.65	3.00	1242.31	-67.59	-1459.44	44.24	-517.19	69.62
36061	66.33	-1.65	3.00	1424.41	-15.53	-1287.13	-45.63	-490.30	-93.83
36062	66.29	-0.55	3.00	1426.94	-10.42	-1298.51	-16.22	-498.33	-38.57
36063	66.29	0.55	3.00	1423.70	-12.15	-1317.05	12.27	-504.87	18.11
36064	66.33	1.65	3.00	1414.76	-20.72	-1342.84	42.25	-509.80	75.48
36065	65.18	-1.65	3.00	1655.87	48.56	-1153.42	-37.19	-483.83	-92.27
36066	65.13	-0.55	3.00	1655.62	54.30	-1160.83	-11.40	-491.30	-34.87
36067	65.13	0.55	3.00	1652.12	52.16	-1178.81	11.42	-497.37	23.14
36068	65.18	1.65	3.00	1645.46	42.13	-1207.45	37.65	-501.96	82.30
36069	64.02	-1.65	3.00	1970.84	131.03	-980.17	-23.14	-495.02	-91.76
36070	63.97	-0.55	3.00	1960.96	142.51	-983.84	-3.27	-504.97	-31.34
36071	63.97	0.55	3.00	1957.33	140.03	-1001.66	6.72	-510.50	26.96
36072	64.02	1.65	3.00	1960.09	123.60	-1033.75	26.80	-511.54	88.79
36073	62.87	-1.65	3.00	2401.66	236.94	-710.31	4.65	-554.24	-85.74
36074	62.81	-0.55	3.00	2362.03	266.11	-712.26	12.84	-579.17	-24.17
36075	62.81	0.55	3.00	2358.46	263.44	-730.41	-7.22	-584.15	25.83
36076	62.87	1.65	3.00	2391.07	229.05	-764.86	0.90	-569.06	88.37
36077	61.71	-1.65	3.00	2973.15	386.76	-190.32	46.23	-666.46	-53.73
36078	61.65	-0.55	3.00	2874.77	424.87	-201.84	31.52	-735.09	-13.10
36079	61.65	0.55	3.00	2871.82	422.30	-220.71	-26.15	-740.02	19.98
36080	61.71	1.65	3.00	2963.57	379.49	-246.25	-40.77	-680.92	60.82
36081	60.56	-1.65	3.00	3724.20	547.33	545.48	52.49	-630.70	-22.46
36082	60.50	-0.55	3.00	3618.69	526.01	542.48	1.49	-727.91	-7.60
36083	60.50	0.55	3.00	3617.35	524.41	528.24	-2.70	-731.33	17.48
36084	60.56	1.65	3.00	3717.32	543.54	498.99	-51.72	-644.69	34.77
36085	79.02	2.50	4.00	471.32	-156.45	-1714.68	19.23	59.85	60.43
36086	80.15	2.50	4.00	406.36	-155.05	-1606.15	17.40	117.81	56.54
36087	81.28	2.50	4.00	343.91	-153.42	-1486.20	16.03	165.18	54.38
36088	82.42	2.50	4.00	285.06	-151.71	-1358.64	14.82	201.63	53.79
36089	83.55	2.50	4.00	230.65	-150.08	-1226.79	13.52	227.27	54.48
36090	84.68	2.50	4.00	181.29	-148.63	-1093.54	12.00	242.45	56.07
36091	85.81	2.50	4.00	137.50	-147.43	-961.45	10.20	247.77	58.16
36092	86.95	2.50	4.00	99.62	-146.50	-832.70	8.17	244.01	60.37
36093	88.08	2.50	4.00	67.89	-145.78	-709.15	6.05	232.15	62.38
36094	89.21	2.50	4.00	42.31	-145.17	-592.27	3.98	213.31	63.94
36095	90.35	2.50	4.00	22.72	-144.48	-483.14	2.18	188.68	64.86
36096	91.48	2.50	4.00	8.71	-143.51	-382.48	0.84	159.48	64.97
36097	92.61	2.50	4.00	-0.24	-142.00	-290.72	0.19	126.93	64.17
36098	93.74	2.50	4.00	-4.69	-139.68	-208.04	0.40	92.23	62.30
36099	94.88	2.50	4.00	-5.17	-136.34	-134.48	1.50	56.68	59.21
36100	96.01	2.50	4.00	-2.48	-131.32	-66.50	3.34	21.86	54.52
36101	79.01	3.10	4.00	468.34	-155.61	-1731.85	23.50	56.71	92.53
36102	80.14	3.10	4.00	404.34	-154.23	-1624.38	20.40	115.44	87.28
36103	81.27	3.10	4.00	342.57	-152.77	-1505.15	17.98	163.64	83.73
36104	82.39	3.10	4.00	284.14	-151.36	-1377.97	15.90	200.91	81.73
36105	83.52	3.10	4.00	229.95	-150.10	-1246.23	13.88	227.28	80.98
36106	84.65	3.10	4.00	180.67	-149.05	-1112.92	11.78	243.08	81.10
36107	85.78	3.10	4.00	136.86	-148.26	-980.68	9.55	248.89	81.70
36108	86.90	3.10	4.00	98.90	-147.69	-851.79	7.24	245.50	82.41
36109	88.03	3.10	4.00	67.08	-147.26	-728.18	4.97	233.90	82.93
36110	89.16	3.10	4.00	41.42	-146.85	-611.37	2.90	215.25	83.00
36111	90.28	3.10	4.00	21.76	-146.26	-502.47	1.24	190.75	82.46
36112	91.41	3.10	4.00	7.73	-145.26	-402.22	0.18	161.64	81.17
36113	92.54	3.10	4.00	-1.20	-143.61	-311.03	-0.07	129.13	79.00
36114	93.67	3.10	4.00	-5.61	-141.02	-229.01	0.64	94.43	75.84
36115	94.79	3.10	4.00	-6.10	-137.26	-156.08	2.32	58.82	71.55
36116	95.92	3.10	4.00	-3.51	-131.98	-88.74	4.69	23.70	65.64
36117	79.02	2.50	3.00	456.43	-151.27	-1608.39	21.05	11.50	58.04
36118	80.17	2.50	3.00	394.72	-149.75	-1508.82	18.10	69.63	54.70
36119	81.32	2.50	3.00	335.37	-148.36	-1398.28	15.68	118.20	52.65
36120	82.47	2.50	3.00	279.33	-147.18	-1280.22	13.56	156.65	51.83
36121	83.62	2.50	3.00	227.41	-146.31	-1157.77	11.54	184.90	52.02
36122	84.77	2.50	3.00	180.23	-145.80	-1033.69	9.50	203.17	52.98
36123	85.92	2.50	3.00	138.30	-145.67	-910.41	7.38	211.97	54.42
36124	87.06	2.50	3.00	101.95	-145.87	-790.03	5.21	212.01	56.07
36125	88.21	2.50	3.00	71.39	-146.34	-674.28	3.07	204.16	57.70
36126	89.36	2.50	3.00	46.61	-146.95	-564.53	1.10	189.45	59.14
36127	90.51	2.50	3.00	27.44	-147.50	-461.79	-0.54	168.93	60.25
36128	91.66	2.50	3.00	13.51	-147.77	-366.72	-1.62	143.73	60.93
36129	92.81	2.50	3.00	4.24	-147.45	-279.68	-1.92	114.99	61.06
36130	93.96	2.50	3.00	-1.06	-146.23	-200.84	-1.20	83.99	60.46
36131	95.11	2.50	3.00	-2.96	-143.73	-129.71	0.65	51.98	58.75
36132	96.25	2.50	3.00	-2.62	-139.68	-65.96	3.64	18.98	55.18
36133	79.02	3.10	3.00	452.80	-152.51	-1622.76	25.87	8.97	87.86
36134	80.16	3.10	3.00	392.04	-150.97	-1524.18	21.58	67.56	83.36
36135	81.31	3.10	3.00	333.41	-149.66	-1414.42	18.04	116.68	80.10

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
36136	82.45	3.10	3.00	277.87	-148.65	-1296.91	14.97	155.72	77.99
36137	83.59	3.10	3.00	226.26	-148.01	-1174.82	12.18	184.54	76.88
36138	84.74	3.10	3.00	179.25	-147.76	-1050.98	9.52	203.32	76.51
36139	85.88	3.10	3.00	137.38	-147.87	-927.88	6.95	212.57	76.60
36140	87.02	3.10	3.00	101.02	-148.29	-807.66	4.46	212.99	76.91
36141	88.16	3.10	3.00	70.40	-148.92	-692.12	2.16	205.47	77.23
36142	89.31	3.10	3.00	45.57	-149.61	-582.68	0.16	191.03	77.39
36143	90.45	3.10	3.00	26.35	-150.16	-480.39	-1.36	170.77	77.27
36144	91.59	3.10	3.00	12.39	-150.31	-385.94	-2.20	145.79	76.79
36145	92.74	3.10	3.00	3.14	-149.76	-299.67	-2.12	117.24	75.84
36146	93.88	3.10	3.00	-2.08	-148.17	-221.70	-0.90	86.32	74.22
36147	95.02	3.10	3.00	-3.93	-145.14	-151.39	1.54	54.24	71.55
36148	96.17	3.10	3.00	-3.66	-140.66	-88.36	5.09	20.83	66.89
36149	77.88	2.50	4.00	537.43	-157.45	-1807.56	21.89	-7.74	66.04
36150	77.89	3.10	4.00	533.22	-156.76	-1823.36	27.63	-11.45	99.43
36151	76.75	2.50	4.00	603.14	-157.89	-1880.32	25.68	-82.99	73.14
36152	76.76	3.10	4.00	597.48	-157.55	-1894.57	33.13	-87.01	107.69
36153	75.62	2.50	4.00	667.10	-157.58	-1928.77	30.79	-162.78	81.29
36154	75.63	3.10	4.00	659.84	-157.78	-1941.46	40.19	-166.79	116.82
36155	74.49	2.50	4.00	728.54	-156.22	-1949.56	37.23	-242.70	89.93
36156	74.51	3.10	4.00	719.68	-157.18	-1960.92	48.79	-246.38	126.15
36157	73.35	2.50	4.00	787.87	-153.37	-1940.93	44.73	-317.34	98.39
36158	73.38	3.10	4.00	777.52	-155.28	-1951.40	58.56	-320.47	135.00
36159	72.22	2.50	4.00	847.06	-148.27	-1903.14	52.73	-380.83	106.09
36160	72.25	3.10	4.00	835.48	-151.35	-1913.33	68.84	-383.31	142.69
36161	71.09	2.50	4.00	909.97	-139.73	-1838.61	60.37	-427.56	112.54
36162	71.12	3.10	4.00	897.50	-144.19	-1849.23	78.60	-429.43	148.74
36163	69.95	2.50	4.00	982.26	-125.97	-1751.61	66.62	-452.89	117.48
36164	70.00	3.10	4.00	969.35	-132.02	-1763.39	86.55	-454.35	152.92
36165	68.82	2.50	4.00	1071.52	-104.52	-1647.45	70.39	-453.75	120.92
36166	68.87	3.10	4.00	1058.64	-112.22	-1661.14	91.32	-455.07	155.29
36167	67.69	2.50	4.00	1187.42	-72.24	-1531.41	70.92	-428.80	123.21
36168	67.74	3.10	4.00	1174.90	-81.25	-1547.75	91.78	-430.34	156.31
36169	66.56	2.50	4.00	1343.24	-25.67	-1407.24	68.09	-378.28	125.05
36170	66.62	3.10	4.00	1330.98	-34.96	-1426.96	87.79	-380.43	156.94
36171	65.42	2.50	4.00	1559.55	38.15	-1274.82	62.53	-303.41	127.48
36172	65.49	3.10	4.00	1546.67	30.30	-1298.75	80.74	-306.59	158.81
36173	64.29	2.50	4.00	1872.17	121.77	-1124.45	54.49	-205.25	131.49
36174	64.36	3.10	4.00	1857.40	116.41	-1153.45	72.99	-209.62	164.25
36175	63.16	2.50	4.00	2345.18	231.65	-918.61	43.38	-84.11	137.47
36176	63.23	3.10	4.00	2327.95	227.00	-953.28	65.82	-88.48	175.38
36177	62.02	2.50	4.00	3080.11	395.30	-492.22	37.65	51.50	147.13
36178	62.11	3.10	4.00	3059.39	384.83	-532.37	68.02	52.70	195.10
36179	60.89	2.50	4.00	4237.77	683.13	689.02	103.08	363.67	154.12
36180	60.98	3.10	4.00	4206.21	657.82	636.10	126.08	362.67	185.93
36181	77.88	2.50	3.00	519.43	-152.77	-1693.32	24.80	-55.01	62.65
36182	77.88	3.10	3.00	514.65	-154.18	-1706.53	31.15	-57.81	93.52
36183	76.73	2.50	3.00	582.70	-154.11	-1759.92	29.53	-127.90	68.32
36184	76.74	3.10	3.00	576.58	-155.82	-1771.93	37.64	-130.76	100.11
36185	75.58	2.50	3.00	645.52	-155.04	-1804.91	35.35	-204.28	74.73
36186	75.59	3.10	3.00	637.96	-157.22	-1815.79	45.41	-206.95	107.24
36187	74.43	2.50	3.00	707.85	-155.21	-1825.84	42.16	-280.40	81.47
36188	74.45	3.10	3.00	698.85	-158.04	-1835.85	54.34	-282.66	114.46
36189	73.28	2.50	3.00	770.72	-154.06	-1821.54	49.67	-351.96	88.11
36190	73.31	3.10	3.00	760.38	-157.73	-1831.10	64.05	-353.64	121.31
36191	72.13	2.50	3.00	836.50	-150.69	-1792.42	57.29	-414.54	94.28
36192	72.16	3.10	3.00	825.04	-155.43	-1802.05	73.85	-415.60	127.40
36193	70.98	2.50	3.00	909.09	-143.74	-1740.45	64.19	-464.26	99.77
36194	71.02	3.10	3.00	896.86	-149.80	-1750.78	82.72	-464.78	132.52
36195	69.84	2.50	3.00	993.96	-131.24	-1668.81	69.37	-498.46	104.57
36196	69.88	3.10	3.00	981.42	-138.86	-1680.48	89.42	-498.62	136.76
36197	68.69	2.50	3.00	1098.15	-110.52	-1581.13	71.85	-516.30	109.00
36198	68.74	3.10	3.00	1085.81	-119.72	-1594.85	92.63	-516.39	140.52
36199	67.54	2.50	3.00	1230.63	-78.29	-1480.39	71.07	-519.43	113.75
36200	67.59	3.10	3.00	1218.84	-88.60	-1496.87	91.48	-519.84	144.70
36201	66.39	2.50	3.00	1403.57	-31.37	-1367.10	67.40	-512.67	119.88
36202	66.45	3.10	3.00	1392.05	-41.42	-1387.11	86.44	-513.87	150.76
36203	65.24	2.50	3.00	1635.50	31.82	-1235.90	61.95	-505.30	128.61
36204	65.31	3.10	3.00	1623.04	24.10	-1260.31	80.27	-507.81	160.72
36205	64.09	2.50	3.00	1956.31	110.14	-1067.40	54.46	-513.15	140.22
36206	64.16	3.10	3.00	1941.84	105.33	-1097.38	77.15	-517.14	176.41
36207	62.94	2.50	3.00	2409.48	203.26	-803.00	41.79	-559.40	150.09
36208	63.02	3.10	3.00	2394.73	199.03	-840.24	79.97	-563.64	196.20
36209	61.79	2.50	3.00	3034.70	328.27	-283.01	24.21	-630.66	129.32
36210	61.88	3.10	3.00	3028.81	313.20	-329.74	94.64	-628.14	192.71
36211	60.65	2.50	3.00	3897.65	518.42	468.68	9.68	-539.11	50.62
36212	60.74	3.10	3.00	3913.84	513.66	422.52	175.91	-538.75	66.87
36213	95.75	3.97	4.00	-4.97	-132.51	-125.87	6.73	26.55	82.50
36214	95.47	5.09	4.00	-7.00	-133.01	-181.14	9.20	30.12	104.39
36215	95.12	6.19	4.00	-9.29	-133.07	-245.01	11.49	33.05	126.89
36216	94.71	7.27	4.00	-11.57	-132.51	-316.85	13.54	35.80	150.16
36217	94.63	3.96	4.00	-7.38	-138.55	-192.43	3.53	61.60	89.68
36218	94.37	5.08	4.00	-9.03	-140.15	-246.73	5.11	64.69	113.92
36219	94.05	6.19	4.00	-10.61	-141.36	-309.60	6.67	67.01	138.71
36220	93.66	7.27	4.00	-12.00	-142.24	-381.00	8.14	68.29	163.88
36221	93.52	3.96	4.00	-6.81	-142.96	-264.26	1.00	97.08	95.76
36222	93.27	5.08	4.00	-8.21	-145.62	-316.98	1.56	99.73	122.42
36223	92.97	6.18	4.00	-9.28	-148.19	-378.26	2.19	101.13	149.67
36224	92.61	7.27	4.00	-9.99	-150.45	-448.14	2.84	101.04	177.53
36225	92.40	3.96	4.00	-2.38	-146.10	-345.05	-0.46	131.58	100.83
36226	92.18	5.08	4.00	-3.60	-149.71	-395.86	-0.91	133.65	130.09
36227	91.90	6.18	4.00	-4.32	-153.48	-454.96	-1.28	134.03	160.09
36228	91.56	7.26	4.00	-4.48	-157.14	-522.48	-1.47	132.51	190.79
36229	91.28	3.96	4.00	6.59	-148.13	-435.06	-0.84	163.80	105.01
36230	91.08	5.08	4.00	5.50	-152.47	-483.88	-2.19	165.17	137.05
36231	90.82	6.18	4.00	5.04	-157.29	-540.48	-3.47	164.42	169.97
36232	90.51	7.26	4.00	5.29	-162.32	-605.07	-4.50	161.31	203.64
36233	90.17	3.96	4.00	20.69	-149.31	-534.27	-0.24	192.55	108.42
36234	89.98	5.08	4.00	19.73	-154.14	-581.16	-2.31	193.14	143.39

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
36235	89.74	6.18	4.00	19.46	-159.82	-635.11	-4.35	191.14	179.40
36236	89.46	7.26	4.00	19.95	-166.10	-696.37	-6.14	186.28	216.20
36237	89.05	3.96	4.00	40.43	-149.90	-642.32	1.14	216.64	111.17
36238	88.88	5.07	4.00	39.57	-154.99	-687.41	-1.40	216.36	149.22
36239	88.67	6.17	4.00	39.39	-161.31	-738.62	-4.01	213.04	188.50
36240	88.42	7.26	4.00	39.92	-168.68	-796.21	-6.39	206.34	228.63
36241	87.94	3.96	4.00	66.17	-150.15	-758.47	3.13	234.82	113.36
36242	87.78	5.07	4.00	65.35	-155.26	-801.87	0.38	233.61	154.63
36243	87.59	6.17	4.00	65.08	-162.02	-850.26	-2.56	228.91	197.35
36244	87.37	7.26	4.00	65.39	-170.31	-903.88	-5.32	220.38	241.00
36245	86.82	3.96	4.00	98.04	-150.26	-881.55	5.54	245.86	115.17
36246	86.69	5.07	4.00	97.14	-155.19	-923.33	2.85	243.64	159.75
36247	86.52	6.17	4.00	96.59	-162.19	-968.82	-0.12	237.57	206.05
36248	86.32	7.26	4.00	96.35	-171.22	-1018.17	-2.98	227.26	253.37
36249	85.70	3.96	4.00	135.97	-150.40	-1009.97	8.21	248.58	116.79
36250	85.59	5.07	4.00	134.82	-154.98	-1050.14	5.90	245.29	164.74
36251	85.44	6.17	4.00	133.69	-162.03	-1092.59	3.22	237.85	214.70
36252	85.27	7.26	4.00	132.51	-171.64	-1137.35	0.58	225.90	265.78
36253	84.59	3.96	4.00	179.63	-150.69	-1141.71	11.02	241.99	118.50
36254	84.49	5.06	4.00	178.00	-154.81	-1180.18	9.44	237.53	169.81
36255	84.37	6.16	4.00	175.97	-161.78	-1219.39	7.42	228.78	223.45
36256	84.22	7.26	4.00	173.41	-171.81	-1259.26	5.39	215.38	278.30
36257	83.47	3.95	4.00	228.57	-151.20	-1274.38	13.95	225.27	120.66
36258	83.39	5.06	4.00	226.14	-154.81	-1310.93	13.44	219.58	175.26
36259	83.29	6.16	4.00	222.79	-161.63	-1346.66	12.47	209.59	232.49
36260	83.17	7.26	4.00	218.35	-171.98	-1381.34	11.45	195.01	291.00
36261	82.36	3.95	4.00	282.15	-151.98	-1405.23	17.03	197.86	123.62
36262	82.29	5.06	4.00	278.51	-155.11	-1439.51	17.96	190.91	181.38
36263	82.21	6.16	4.00	273.36	-161.76	-1471.44	18.47	179.84	242.00
36264	82.12	7.25	4.00	266.46	-172.37	-1500.67	18.89	164.43	303.94
36265	81.24	3.95	4.00	339.62	-153.01	-1531.13	20.44	159.51	127.75
36266	81.20	5.06	4.00	334.26	-155.76	-1562.71	23.19	151.35	188.44
36267	81.14	6.16	4.00	326.70	-162.30	-1590.49	25.58	139.43	252.16
36268	81.07	7.25	4.00	316.72	-173.15	-1614.08	27.85	123.65	317.15
36269	80.12	3.95	4.00	400.02	-154.25	-1648.65	24.45	110.28	133.30
36270	80.10	5.05	4.00	392.32	-156.81	-1677.01	29.41	101.11	196.65
36271	80.06	6.15	4.00	381.72	-163.35	-1700.33	34.09	88.71	263.04
36272	80.02	7.25	4.00	367.98	-174.44	-1718.22	38.60	73.15	330.57
36273	79.01	3.95	4.00	462.19	-155.62	-1753.95	29.43	50.73	140.39
36274	79.00	5.05	4.00	451.52	-158.24	-1778.66	36.97	40.92	206.03
36275	78.99	6.15	4.00	437.18	-164.94	-1797.34	44.32	28.60	274.58
36276	78.97	7.25	4.00	419.00	-176.31	-1809.68	51.42	13.97	344.03
36277	96.00	3.96	3.00	-5.13	-141.72	-125.69	7.31	23.62	84.66
36278	95.72	5.09	3.00	-7.22	-143.06	-181.18	10.17	26.97	107.83
36279	95.38	6.19	3.00	-9.61	-144.03	-245.26	13.01	29.47	131.70
36280	94.97	7.27	3.00	-12.08	-144.47	-317.30	15.83	31.54	156.38
36281	94.86	3.96	3.00	-5.32	-147.23	-187.81	2.91	57.15	90.42
36282	94.61	5.08	3.00	-7.16	-150.04	-242.13	4.85	60.35	115.83
36283	94.29	6.19	3.00	-9.01	-152.62	-304.95	6.98	62.63	141.99
36284	93.91	7.27	3.00	-10.82	-154.98	-376.23	9.22	63.66	168.69
36285	93.73	3.96	3.00	-3.46	-151.11	-256.73	-0.37	89.17	94.57
36286	93.49	5.08	3.00	-5.16	-155.28	-309.07	0.57	92.05	122.03
36287	93.20	6.18	3.00	-6.65	-159.55	-369.91	1.78	93.65	150.41
36288	92.84	7.26	3.00	-7.92	-163.65	-439.31	3.27	93.64	179.71
36289	92.60	3.96	3.00	1.71	-153.42	-333.14	-2.34	119.78	97.70
36290	92.38	5.08	3.00	0.03	-158.81	-383.16	-2.41	122.01	127.28
36291	92.10	6.18	3.00	-1.31	-164.60	-441.40	-2.19	122.63	157.95
36292	91.78	7.26	3.00	-2.29	-170.48	-508.04	-1.55	121.38	189.77
36293	91.47	3.96	3.00	10.96	-154.49	-417.92	-3.01	147.87	100.25
36294	91.26	5.08	3.00	9.34	-160.81	-465.54	-3.94	149.21	132.02
36295	91.01	6.18	3.00	8.14	-167.89	-520.87	-4.57	148.59	165.03
36296	90.71	7.26	3.00	7.37	-175.42	-584.19	-4.74	145.76	199.26
36297	90.34	3.96	3.00	24.97	-154.66	-511.06	-2.59	172.31	102.44
36298	90.15	5.07	3.00	23.44	-161.67	-556.39	-4.13	172.66	136.54
36299	89.92	6.18	3.00	22.33	-169.80	-608.72	-5.44	170.66	171.98
36300	89.64	7.26	3.00	21.67	-178.79	-668.42	-6.28	166.06	208.67
36301	89.20	3.96	3.00	44.25	-154.26	-612.20	-1.29	192.00	104.37
36302	89.04	5.07	3.00	42.77	-161.72	-655.37	-3.20	191.32	140.96
36303	88.83	6.17	3.00	41.66	-170.68	-704.68	-4.96	187.89	178.98
36304	88.58	7.26	3.00	40.92	-180.93	-760.50	-6.27	181.45	218.28
36305	88.07	3.96	3.00	69.13	-153.58	-720.63	0.70	205.84	106.13
36306	87.92	5.07	3.00	67.62	-161.28	-761.74	-1.33	204.11	145.35
36307	87.73	6.17	3.00	66.34	-170.87	-807.97	-3.27	199.26	186.12
36308	87.51	7.26	3.00	65.26	-182.19	-859.69	-4.82	191.03	228.17
36309	86.94	3.96	3.00	99.72	-152.83	-835.27	3.19	212.73	107.80
36310	86.81	5.07	3.00	98.03	-160.60	-874.35	1.34	209.95	149.77
36311	86.64	6.17	3.00	96.35	-170.64	-917.42	-0.52	203.73	193.43
36312	86.45	7.26	3.00	94.62	-182.85	-964.80	-2.03	193.83	238.35
36313	85.81	3.96	3.00	135.95	-152.19	-954.62	6.09	211.64	109.51
36314	85.69	5.07	3.00	133.88	-159.89	-991.67	4.70	207.81	154.31
36315	85.55	6.17	3.00	131.52	-170.22	-1031.45	3.25	200.33	200.94
36316	85.38	7.26	3.00	128.74	-183.15	-1074.24	2.07	188.95	248.83
36317	84.68	3.96	3.00	177.55	-151.81	-1076.82	9.30	201.68	111.45
36318	84.58	5.06	3.00	174.84	-159.34	-1111.73	8.71	196.82	159.08
36319	84.46	6.16	3.00	171.43	-169.83	-1148.07	7.99	188.21	208.70
36320	84.31	7.26	3.00	167.17	-183.35	-1186.03	7.50	175.62	259.59
36321	83.54	3.95	3.00	224.08	-151.77	-1199.65	12.83	182.14	113.82
36322	83.46	5.06	3.00	220.41	-159.09	-1232.25	13.37	176.30	164.24
36323	83.37	6.16	3.00	215.54	-169.67	-1264.94	13.75	166.74	216.80
36324	83.25	7.25	3.00	209.31	-183.66	-1297.86	14.30	153.28	270.60
36325	82.41	3.95	3.00	274.96	-152.15	-1320.52	16.75	152.57	116.88
36326	82.35	5.06	3.00	269.91	-159.25	-1350.59	18.77	145.84	169.97
36327	82.27	6.16	3.00	263.12	-169.89	-1379.42	20.62	135.58	225.31
36328	82.18	7.25	3.00	254.38	-184.29	-1407.15	22.57	121.68	281.84
36329	81.28	3.95	3.00	329.44	-152.95	-1436.56	21.19	112.81	120.83
36330	81.24	5.06	3.00	322.56	-159.91	-1463.80	25.06	105.37	176.41
36331	81.18	6.16	3.00	313.30	-170.63	-1488.60	28.75	94.74	234.28
36332	81.12	7.25	3.00	301.48	-185.38	-1511.08	32.46	80.91	293.24
36333	80.15	3.95	3.00	386.66	-154.18	-1544.59	26.39	63.10	125.82



Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
36334	80.12	5.05	3.00	377.42	-161.12	-1568.73	32.46	55.22	183.62
36335	80.09	6.15	3.00	365.13	-171.96	-1589.39	38.37	44.67	243.69
36336	80.05	7.25	3.00	349.62	-187.03	-1606.72	44.17	31.51	304.69
36337	79.02	3.95	3.00	445.63	-155.79	-1641.19	32.61	4.15	131.87
36338	79.01	5.05	3.00	433.50	-162.87	-1662.07	41.25	-3.75	191.57
36339	79.00	6.15	3.00	417.60	-173.93	-1678.63	49.71	-13.68	253.41
36340	78.98	7.25	3.00	397.83	-189.30	-1691.17	57.91	-25.48	315.98
36341	77.89	3.95	4.00	524.79	-157.02	-1842.95	35.76	-17.97	148.98
36342	77.90	5.05	4.00	510.51	-160.01	-1863.80	46.30	-27.83	216.55
36343	77.91	6.15	4.00	491.77	-167.06	-1877.93	56.66	-39.33	286.67
36344	77.93	7.25	4.00	468.55	-178.74	-1885.22	66.58	-52.16	357.25
36345	76.78	3.95	4.00	586.39	-158.34	-1911.56	43.80	-93.56	158.71
36346	76.80	5.05	4.00	567.98	-162.01	-1928.66	57.72	-102.80	227.81
36347	76.84	6.15	4.00	544.33	-169.61	-1938.73	71.39	-112.74	298.86
36348	76.88	7.25	4.00	515.60	-181.60	-1941.93	84.30	-122.97	369.75
36349	75.66	3.95	4.00	645.89	-159.39	-1956.04	53.72	-172.83	168.96
36350	75.70	5.06	4.00	623.02	-164.05	-1969.94	71.39	-180.73	239.02
36351	75.76	6.16	4.00	594.11	-172.38	-1976.96	88.64	-188.35	310.32
36352	75.83	7.25	4.00	559.53	-184.67	-1977.57	104.66	-195.26	380.80
36353	74.54	3.95	4.00	702.83	-159.88	-1973.65	65.44	-251.45	179.01
36354	74.61	5.06	4.00	675.42	-165.85	-1985.43	87.20	-257.39	249.40
36355	74.69	6.16	4.00	641.07	-175.08	-1990.92	108.26	-262.16	320.31
36356	74.78	7.25	4.00	600.38	-187.61	-1990.88	127.51	-265.34	389.76
36357	73.43	3.95	4.00	757.93	-159.37	-1963.18	78.56	-324.26	188.08
36358	73.51	5.06	4.00	726.09	-166.98	-1974.34	104.69	-327.92	258.19
36359	73.61	6.16	4.00	686.24	-177.27	-1980.23	129.83	-329.66	328.11
36360	73.73	7.26	4.00	639.15	-190.00	-1981.84	152.46	-329.14	396.00
36361	72.31	3.96	4.00	813.47	-157.16	-1925.30	92.27	-385.75	195.50
36362	72.41	5.06	4.00	777.48	-166.80	-1937.67	123.03	-387.19	264.72
36363	72.53	6.16	4.00	732.06	-178.38	-1946.12	152.59	-386.18	333.15
36364	72.68	7.26	4.00	678.09	-191.27	-1951.80	178.90	-382.52	399.11
36365	71.20	3.96	4.00	873.56	-152.10	-1862.68	105.39	-430.73	200.77
36366	71.31	5.07	4.00	833.80	-164.30	-1878.17	140.96	-430.42	268.56
36367	71.46	6.17	4.00	782.64	-177.56	-1891.36	175.45	-427.42	335.11
36368	71.63	7.26	4.00	720.88	-190.71	-1903.42	206.02	-421.68	398.90
36369	70.08	3.96	4.00	944.10	-142.47	-1779.60	116.35	-454.94	203.70
36370	70.21	5.07	4.00	901.10	-157.96	-1800.09	156.80	-453.66	269.58
36371	70.38	6.17	4.00	843.95	-173.64	-1819.99	196.90	-449.80	333.97
36372	70.58	7.26	4.00	772.92	-187.43	-1840.38	232.82	-443.44	395.49
36373	68.96	3.96	4.00	1032.86	-125.57	-1681.34	123.34	-455.53	204.41
36374	69.12	5.07	4.00	987.44	-145.36	-1708.53	168.38	-454.24	267.96
36375	69.31	6.17	4.00	924.07	-164.78	-1736.79	215.00	-450.79	329.97
36376	69.53	7.26	4.00	841.63	-180.19	-1766.97	258.08	-445.48	389.24
36377	67.85	3.96	4.00	1149.39	-97.46	-1573.13	124.62	-431.29	203.44
36378	68.02	5.07	4.00	1102.79	-122.49	-1608.58	173.06	-430.94	264.21
36379	68.23	6.17	4.00	1033.66	-147.84	-1646.58	226.99	-429.03	323.57
36380	68.48	7.26	4.00	937.33	-167.04	-1687.46	280.11	-426.32	380.62
36381	66.73	3.96	4.00	1305.96	-52.64	-1458.78	119.27	-382.61	201.93
36382	66.92	5.08	4.00	1259.72	-82.71	-1504.15	168.12	-384.08	259.32
36383	67.16	6.18	4.00	1186.80	-117.02	-1553.18	228.91	-384.39	315.39
36384	67.44	7.26	4.00	1074.72	-144.57	-1605.34	296.29	-385.29	370.07
36385	65.62	3.96	4.00	1520.46	14.91	-1338.53	108.89	-311.08	202.08
36386	65.82	5.08	4.00	1474.62	-15.79	-1395.81	152.64	-315.50	255.44
36387	66.08	6.18	4.00	1402.11	-60.74	-1457.58	215.56	-318.18	306.63
36388	66.39	7.26	4.00	1276.09	-105.43	-1521.79	301.35	-322.52	357.96
36389	64.50	3.96	4.00	1825.12	108.59	-1203.54	98.82	-218.28	207.92
36390	64.72	5.08	4.00	1773.78	89.04	-1275.90	132.47	-228.23	257.45
36391	65.00	6.18	4.00	1704.55	42.22	-1352.96	184.94	-233.66	300.91
36392	65.34	7.26	4.00	1574.78	-29.35	-1431.46	285.09	-239.48	345.38
36393	63.38	3.96	4.00	2283.30	227.76	-1017.11	95.62	-103.25	224.82
36394	63.63	5.08	4.00	2212.75	230.59	-1111.48	123.47	-123.51	274.56
36395	63.93	6.18	4.00	2136.64	210.41	-1209.57	154.89	-135.13	308.90
36396	64.29	7.27	4.00	2016.79	133.45	-1306.10	243.95	-140.74	339.43
36397	62.27	3.96	4.00	3000.66	381.97	-622.42	106.73	34.52	255.88
36398	62.53	5.08	4.00	2904.43	389.97	-755.90	145.10	7.49	313.38
36399	62.85	6.19	4.00	2797.83	408.19	-896.36	178.25	-13.94	351.72
36400	63.24	7.27	4.00	2677.45	410.03	-1033.75	240.78	-30.08	368.55
36401	61.15	3.97	4.00	4154.22	605.41	532.32	181.45	363.22	239.31
36402	61.43	5.09	4.00	4039.67	551.64	357.04	261.74	341.05	314.67
36403	61.78	6.19	4.00	3883.91	533.83	133.56	347.73	290.17	393.23
36404	62.19	7.27	4.00	3726.87	605.50	-124.48	456.20	212.36	445.16
36405	77.88	3.95	3.00	505.33	-157.70	-1722.87	40.14	-62.72	138.92
36406	77.89	5.05	3.00	489.78	-165.14	-1740.52	51.72	-70.12	200.21
36407	77.90	6.15	3.00	469.71	-176.54	-1753.31	63.05	-78.76	263.34
36408	77.92	7.25	3.00	445.16	-192.17	-1761.68	73.87	-88.45	326.88
36409	76.75	3.95	3.00	564.80	-159.81	-1786.24	49.17	-135.32	146.67
36410	76.78	5.05	3.00	545.41	-167.84	-1800.99	64.08	-141.67	209.19
36411	76.81	6.15	3.00	520.74	-179.68	-1810.65	78.58	-148.40	273.11
36412	76.85	7.25	3.00	490.96	-195.53	-1815.87	92.19	-155.30	336.98
36413	75.62	3.95	3.00	623.55	-161.90	-1828.40	59.77	-210.76	154.66
36414	75.66	5.06	3.00	600.04	-170.75	-1840.90	78.35	-215.48	217.92
36415	75.72	6.16	3.00	570.41	-183.16	-1848.47	96.30	-219.73	282.10
36416	75.78	7.25	3.00	535.03	-199.16	-1851.96	112.88	-223.28	345.76
36417	74.49	3.95	3.00	681.79	-163.65	-1847.32	71.78	-285.39	162.36
36418	74.55	5.06	3.00	654.02	-173.60	-1858.62	94.36	-288.04	225.86
36419	74.63	6.16	3.00	619.19	-186.71	-1865.50	116.05	-289.41	289.77
36420	74.72	7.25	3.00	577.81	-202.80	-1869.02	135.79	-289.32	352.76
36421	73.36	3.95	3.00	740.77	-164.56	-1842.24	84.75	-355.08	169.30
36422	73.44	5.06	3.00	708.79	-175.93	-1853.70	111.64	-355.47	232.52
36423	73.53	6.16	3.00	668.54	-189.91	-1861.60	137.41	-353.85	295.69
36424	73.65	7.25	3.00	620.68	-206.06	-1867.14	160.58	-350.15	357.61
36425	72.22	3.96	3.00	803.17	-163.83	-1813.88	97.88	-415.75	175.08
36426	72.32	5.06	3.00	767.13	-177.08	-1827.07	129.38	-413.94	237.54
36427	72.44	6.16	3.00	721.23	-192.23	-1837.85	159.69	-409.55	299.56
36428	72.59	7.26	3.00	666.16	-208.46	-1847.49	186.75	-402.63	360.10
36429	71.09	3.96	3.00	873.18	-160.23	-1764.39	110.00	-463.82	179.53
36430	71.21	5.07	3.00	833.44	-176.00	-1780.99	146.35	-460.20	240.79
36431	71.35	6.17	3.00	781.61	-192.84	-1796.52	181.84	-453.57	301.32
36432	71.52	7.26	3.00	718.20	-209.34	-1812.24	213.59	-444.10	360.25

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
36433	69.96	3.96	3.00	956.63	-151.83	-1697.04	119.55	-496.92	182.77
36434	70.09	5.07	3.00	913.81	-171.04	-1718.72	160.84	-492.09	242.46
36435	70.26	6.17	3.00	855.82	-190.54	-1740.78	202.37	-483.93	301.19
36436	70.45	7.26	3.00	782.45	-207.87	-1764.33	240.19	-472.76	358.32
36437	68.83	3.96	3.00	1060.85	-135.66	-1615.52	124.72	-514.49	185.35
36438	68.98	5.07	3.00	1016.11	-159.49	-1643.93	170.54	-509.15	243.13
36439	69.17	6.17	3.00	952.19	-183.32	-1674.19	219.13	-500.17	299.71
36440	69.39	7.26	3.00	866.87	-202.81	-1707.06	265.23	-488.01	354.79
36441	67.70	3.96	3.00	1194.69	-107.28	-1522.88	123.83	-518.37	188.34
36442	67.86	5.07	3.00	1149.95	-136.74	-1559.76	172.55	-513.29	243.91
36443	68.07	6.17	3.00	1081.55	-167.57	-1599.89	228.86	-503.98	297.79
36444	68.32	7.26	3.00	982.58	-192.03	-1643.43	286.63	-491.00	350.31
36445	66.56	3.96	3.00	1368.82	-60.77	-1419.80	116.62	-513.71	193.59
36446	66.75	5.07	3.00	1326.32	-94.96	-1467.11	164.09	-509.80	246.75
36447	66.98	6.18	3.00	1257.59	-136.24	-1519.15	226.60	-500.22	296.96
36448	67.26	7.26	3.00	1145.46	-171.49	-1574.97	300.66	-485.50	345.64
36449	65.43	3.96	3.00	1597.79	9.45	-1301.32	106.76	-510.31	204.09
36450	65.64	5.08	3.00	1557.12	-22.38	-1361.36	145.63	-509.05	255.10
36451	65.89	6.18	3.00	1495.59	-74.88	-1428.01	206.12	-499.01	300.05
36452	66.19	7.26	3.00	1378.19	-131.88	-1498.95	299.55	-479.89	342.07
36453	64.30	3.96	3.00	1906.34	103.06	-1148.94	104.30	-524.83	223.92
36454	64.52	5.08	3.00	1857.08	91.00	-1225.00	128.69	-529.49	274.29
36455	64.80	6.18	3.00	1808.11	41.88	-1309.42	167.34	-518.97	312.22
36456	65.12	7.26	3.00	1708.42	-47.09	-1400.12	269.33	-491.06	343.27
36457	63.17	3.96	3.00	2336.95	210.60	-908.16	122.07	-581.28	254.44
36458	63.41	5.08	3.00	2254.98	234.33	-1008.19	139.91	-599.91	309.48
36459	63.70	6.18	3.00	2205.35	227.69	-1115.43	139.35	-590.81	338.79
36460	64.06	7.26	3.00	2155.88	141.17	-1228.74	208.68	-546.87	355.79
36461	62.04	3.96	3.00	2938.38	336.87	-427.59	171.76	-671.28	272.58
36462	62.29	5.08	3.00	2804.52	375.91	-575.77	192.71	-722.83	326.37
36463	62.61	6.19	3.00	2730.66	409.47	-728.69	178.21	-725.27	363.72
36464	62.99	7.27	3.00	2736.38	430.07	-865.93	198.91	-668.25	368.67
36465	60.90	3.96	3.00	3737.84	524.30	325.51	252.01	-632.94	75.68
36466	61.18	5.09	3.00	3599.53	478.29	176.88	220.29	-701.62	108.46
36467	61.52	6.19	3.00	3539.68	471.99	-0.03	268.68	-703.20	165.03
36468	61.93	7.27	3.00	3531.14	556.31	-214.53	325.86	-698.20	243.53
36469	94.34	8.10	4.00	-13.39	-131.91	-378.75	14.78	37.39	167.74
36470	94.04	8.70	4.00	-14.85	-131.32	-428.49	15.47	37.21	181.24
36471	93.32	8.10	4.00	-12.98	-142.64	-442.75	9.09	68.44	184.15
36472	93.04	8.70	4.00	-13.67	-142.44	-491.90	9.66	67.95	199.60
36473	92.29	8.10	4.00	-10.27	-151.89	-508.64	3.40	99.98	200.03
36474	92.03	8.70	4.00	-10.37	-152.62	-556.90	3.85	98.36	216.76
36475	91.27	8.10	4.00	-4.17	-159.81	-580.99	-1.41	130.09	215.48
36476	91.02	8.70	4.00	-3.54	-161.47	-627.62	-1.25	127.47	233.73
36477	90.24	8.10	4.00	6.02	-166.26	-661.04	-5.01	157.35	230.58
36478	90.02	8.70	4.00	6.90	-168.93	-705.74	-5.27	153.29	250.21
36479	89.22	8.10	4.00	20.89	-171.26	-749.33	-7.23	180.59	245.53
36480	89.01	8.70	4.00	21.93	-174.87	-791.61	-7.80	175.01	266.83
36481	88.19	8.10	4.00	40.85	-174.96	-845.72	-7.90	198.91	260.53
36482	88.01	8.70	4.00	41.91	-179.51	-885.05	-8.66	191.92	283.57
36483	87.16	8.10	4.00	66.06	-177.66	-949.53	-7.11	211.24	275.56
36484	87.00	8.70	4.00	66.79	-183.22	-985.58	-8.11	202.79	300.33
36485	86.14	8.10	4.00	96.40	-179.49	-1059.59	-4.88	216.48	290.69
36486	85.99	8.70	4.00	96.55	-185.85	-1091.95	-5.90	206.72	317.27
36487	85.11	8.10	4.00	131.57	-180.68	-1174.19	-1.14	213.68	305.93
36488	84.99	8.70	4.00	130.86	-187.82	-1202.54	-2.03	202.80	334.32
36489	84.09	8.10	4.00	171.09	-181.52	-1291.21	4.12	201.98	321.24
36490	83.98	8.70	4.00	169.17	-189.36	-1315.29	3.53	190.26	351.42
36491	83.06	8.10	4.00	214.20	-182.28	-1408.16	10.93	180.77	336.62
36492	82.98	8.70	4.00	210.72	-190.72	-1427.79	10.85	168.54	368.46
36493	82.04	8.10	4.00	260.00	-183.15	-1522.20	19.43	149.77	352.02
36494	81.97	8.70	4.00	254.61	-192.12	-1537.31	20.03	137.44	385.36
36495	81.01	8.10	4.00	307.43	-184.35	-1630.28	29.74	109.07	367.36
36496	80.96	8.70	4.00	299.77	-193.74	-1640.95	31.21	97.11	401.95
36497	79.99	8.10	4.00	355.36	-185.98	-1729.22	42.09	59.25	382.48
36498	79.96	8.70	4.00	345.09	-195.71	-1735.70	44.57	48.16	418.00
36499	78.96	8.10	4.00	402.54	-188.12	-1815.88	56.71	1.40	397.11
36500	78.95	8.70	4.00	389.40	-198.06	-1818.64	60.24	-8.27	433.20
36501	94.61	8.10	3.00	-14.15	-144.70	-379.36	17.83	32.38	175.02
36502	94.32	8.70	3.00	-15.92	-144.77	-429.34	19.21	31.41	189.32
36503	93.57	8.10	3.00	-12.24	-156.64	-437.82	10.97	63.42	190.28
36504	93.29	8.70	3.00	-13.41	-157.42	-486.84	12.21	62.53	206.76
36505	92.53	8.10	3.00	-8.77	-166.64	-499.39	4.70	92.55	203.57
36506	92.27	8.70	3.00	-9.38	-168.51	-547.38	5.92	90.80	221.38
36507	91.48	8.10	3.00	-2.78	-175.04	-565.86	-0.65	119.16	215.65
36508	91.25	8.70	3.00	-2.85	-178.12	-612.06	0.24	116.67	234.96
36509	90.44	8.10	3.00	7.12	-181.50	-639.16	-4.41	142.11	227.03
36510	90.22	8.70	3.00	7.11	-185.80	-683.23	-3.95	138.32	247.52
36511	89.40	8.10	3.00	21.47	-186.27	-720.18	-6.47	160.75	238.34
36512	89.20	8.70	3.00	21.50	-191.66	-761.68	-6.29	155.55	260.20
36513	88.36	8.10	3.00	40.59	-189.65	-808.71	-6.79	174.48	249.94
36514	88.17	8.70	3.00	40.55	-196.08	-847.21	-6.77	168.00	273.17
36515	87.31	8.10	3.00	64.57	-192.07	-904.04	-5.53	182.44	261.88
36516	87.15	8.70	3.00	64.13	-199.54	-939.31	-5.69	174.63	286.41
36517	86.27	8.10	3.00	93.23	-193.72	-1005.00	-2.75	183.75	274.19
36518	86.13	8.70	3.00	92.16	-202.01	-1036.74	-2.88	174.77	300.11
36519	85.23	8.10	3.00	126.30	-194.86	-1110.02	1.60	177.60	286.85
36520	85.10	8.70	3.00	124.33	-203.93	-1137.97	1.65	167.67	314.15
36521	84.18	8.10	3.00	163.30	-195.79	-1217.16	7.53	163.31	299.77
36522	84.08	8.70	3.00	160.13	-205.54	-1241.14	7.90	152.70	328.42
36523	83.14	8.10	3.00	203.58	-196.74	-1324.18	15.08	140.38	312.86
36524	83.06	8.70	3.00	198.88	-207.09	-1344.09	15.93	129.45	342.78
36525	82.10	8.10	3.00	246.35	-197.90	-1428.59	24.35	108.64	326.02
36526	82.03	8.70	3.00	239.78	-208.75	-1444.41	25.85	97.77	357.08
36527	81.06	8.10	3.00	290.68	-199.44	-1527.69	35.50	68.24	339.09
36528	81.01	8.70	3.00	281.92	-210.70	-1539.56	37.77	57.89	371.12
36529	80.01	8.10	3.00	335.60	-201.45	-1618.75	48.66	19.79	351.88
36530	79.99	8.70	3.00	324.36	-213.01	-1626.95	51.82	10.44	384.65
36531	78.97	8.10	3.00	380.14	-203.98	-1699.06	64.02	-35.65	364.14

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
36532	78.96	8.70	3.00	366.15	-215.74	-1704.08	68.11	-43.52	397.38
36533	77.94	8.10	4.00	447.82	-190.73	-1887.29	73.79	-62.77	410.89
36534	77.95	8.70	4.00	431.44	-200.75	-1887.03	78.42	-70.51	447.18
36535	76.91	8.10	4.00	490.29	-193.64	-1940.92	93.47	-130.86	423.30
36536	76.94	8.70	4.00	470.55	-203.58	-1938.55	99.21	-136.22	459.42
36537	75.89	8.10	4.00	529.39	-196.60	-1974.92	115.78	-199.96	433.75
36538	75.94	8.70	4.00	506.14	-206.30	-1971.64	122.54	-202.63	469.35
36539	74.86	8.10	4.00	565.16	-199.28	-1988.36	140.54	-266.63	441.64
36540	74.93	8.70	4.00	538.23	-208.53	-1985.63	148.24	-266.55	476.44
36541	73.84	8.10	4.00	598.53	-201.20	-1981.46	167.42	-327.17	446.49
36542	73.92	8.70	4.00	567.60	-209.79	-1980.82	175.95	-324.55	480.31
36543	72.81	8.10	4.00	631.43	-201.80	-1955.56	195.90	-377.89	447.99
36544	72.92	8.70	4.00	595.93	-209.49	-1958.55	205.26	-373.27	480.72
36545	71.79	8.10	4.00	667.02	-200.40	-1913.16	225.42	-415.40	446.08
36546	71.91	8.70	4.00	625.91	-206.92	-1921.13	235.68	-409.61	477.69
36547	70.76	8.10	4.00	709.91	-196.17	-1857.58	255.37	-436.87	440.95
36548	70.91	8.70	4.00	661.36	-201.28	-1871.59	266.88	-431.01	471.47
36549	69.74	8.10	4.00	766.36	-188.22	-1792.63	285.30	-440.18	433.07
36550	69.90	8.70	4.00	707.43	-191.61	-1813.32	298.72	-435.51	462.55
36551	68.71	8.10	4.00	845.36	-175.26	-1722.04	314.72	-423.85	423.01
36552	68.89	8.70	4.00	771.14	-177.01	-1749.65	331.61	-421.79	451.60
36553	67.68	8.10	4.00	959.87	-155.19	-1648.72	343.33	-386.98	411.21
36554	67.89	8.70	4.00	862.94	-155.02	-1682.90	366.25	-388.83	439.03
36555	66.66	8.10	4.00	1131.23	-125.40	-1573.75	370.82	-329.01	397.93
36556	66.88	8.70	4.00	999.00	-123.99	-1613.52	405.51	-336.37	425.24
36557	65.63	8.10	4.00	1397.54	-77.52	-1493.33	392.60	-249.68	383.17
36558	65.88	8.70	4.00	1207.75	-80.79	-1538.27	453.73	-263.57	410.42
36559	64.61	8.10	4.00	1822.20	31.52	-1385.10	392.98	-151.11	368.03
36560	64.87	8.70	4.00	1553.30	-9.08	-1440.28	511.33	-170.83	393.54
36561	63.58	8.10	4.00	2500.25	340.75	-1143.62	390.49	-41.96	374.81
36562	63.86	8.70	4.00	2145.16	227.20	-1239.83	588.32	-64.60	378.40
36563	62.56	8.10	4.00	3631.89	757.90	-323.68	587.92	144.31	442.08
36564	62.86	8.70	4.00	3327.00	865.59	-485.35	900.11	124.02	425.77
36565	77.93	8.10	3.00	423.40	-206.99	-1766.18	81.71	-96.51	375.53
36566	77.94	8.70	3.00	406.32	-218.80	-1768.72	86.77	-102.46	408.97
36567	76.89	8.10	3.00	464.83	-210.32	-1818.01	101.82	-160.64	385.67
36568	76.91	8.70	3.00	444.51	-221.98	-1818.97	107.89	-164.27	419.01
36569	75.84	8.10	3.00	504.20	-213.77	-1853.07	124.35	-225.52	394.10
36570	75.89	8.70	3.00	480.43	-225.14	-1853.55	131.36	-226.62	427.10
36571	74.80	8.10	3.00	541.93	-217.05	-1870.67	149.14	-288.29	400.44
36572	74.87	8.70	3.00	514.41	-227.92	-1871.91	157.06	-286.80	432.94
36573	73.76	8.10	3.00	579.21	-219.77	-1871.03	175.93	-345.97	404.39
36574	73.84	8.70	3.00	547.46	-229.94	-1874.36	184.75	-342.04	436.29
36575	72.72	8.10	3.00	618.22	-221.45	-1855.34	204.34	-395.70	405.84
36576	72.82	8.70	3.00	581.49	-230.68	-1862.04	214.13	-389.72	437.08
36577	71.67	8.10	3.00	662.37	-221.47	-1825.63	233.95	-435.08	404.85
36578	71.80	8.70	3.00	619.36	-229.53	-1836.87	244.92	-427.56	435.42
36579	70.63	8.10	3.00	716.54	-219.12	-1784.59	264.33	-462.37	401.70
36580	70.77	8.70	3.00	665.18	-225.74	-1801.31	276.93	-453.93	431.61
36581	69.59	8.10	3.00	787.59	-213.56	-1735.23	295.08	-476.86	396.85
36582	69.75	8.70	3.00	724.58	-218.35	-1758.09	310.21	-467.98	426.07
36583	68.54	8.10	3.00	885.55	-203.48	-1680.28	325.59	-479.15	390.77
36584	68.73	8.70	3.00	805.52	-206.58	-1709.74	345.30	-469.98	419.24
36585	67.50	8.10	3.00	1025.32	-186.61	-1621.28	355.08	-471.78	383.71
36586	67.70	8.70	3.00	920.31	-187.64	-1657.51	382.79	-461.44	411.10
36587	66.46	8.10	3.00	1231.23	-160.02	-1556.55	381.87	-460.87	375.59
36588	66.68	8.70	3.00	1088.26	-159.91	-1599.90	425.44	-446.74	400.92
36589	65.42	8.10	3.00	1543.76	-112.98	-1474.44	397.14	-459.82	366.41
36590	65.65	8.70	3.00	1342.58	-119.96	-1528.21	476.56	-434.48	387.12
36591	64.37	8.10	3.00	2016.54	10.68	-1330.21	378.48	-495.32	364.44
36592	64.63	8.70	3.00	1750.73	-47.21	-1408.47	532.41	-446.82	367.84
36593	63.33	8.10	3.00	2703.65	367.93	-979.08	351.80	-589.36	366.99
36594	63.61	8.70	3.00	2410.91	231.82	-1107.53	605.49	-511.50	362.14
36595	62.29	8.10	3.00	3695.95	703.25	-363.00	444.04	-679.41	255.48
36596	62.58	8.70	3.00	3676.95	868.07	-447.21	854.78	-616.57	226.72
36597	60.89	-2.50	4.00	4277.26	698.58	770.34	-84.63	390.06	-141.43
36598	60.98	-3.10	4.00	4253.16	678.61	735.10	-108.45	392.83	-174.38
36599	62.02	-2.50	4.00	3107.53	410.26	-406.32	-24.84	73.01	-134.35
36600	62.11	-3.10	4.00	3092.37	403.97	-426.01	-55.19	78.43	-181.89
36601	63.16	-2.50	4.00	2367.78	244.21	-836.26	-34.33	-59.77	-127.08
36602	63.23	-3.10	4.00	2355.54	242.66	-850.78	-56.23	-58.63	-163.59
36603	64.29	-2.50	4.00	1892.32	131.89	-1041.93	-49.80	-177.78	-125.88
36604	64.36	-3.10	4.00	1882.17	128.81	-1050.69	-67.60	-175.73	-156.70
36605	65.42	-2.50	4.00	1577.89	45.75	-1190.25	-62.78	-273.08	-128.76
36606	65.49	-3.10	4.00	1569.21	39.58	-1193.47	-80.23	-269.19	-157.65
36607	66.56	-2.50	4.00	1359.68	-20.50	-1318.75	-73.41	-345.46	-134.98
36608	66.62	-3.10	4.00	1351.11	-28.55	-1316.94	-92.26	-340.03	-163.91
36609	67.69	-2.50	4.00	1201.59	-69.37	-1437.33	-80.96	-394.04	-143.29
36610	67.74	-3.10	4.00	1192.19	-77.55	-1430.97	-100.83	-387.63	-172.83
36611	68.82	-2.50	4.00	1083.01	-103.88	-1546.37	-84.40	-417.81	-152.29
36612	68.87	-3.10	4.00	1072.60	-111.14	-1535.90	-104.18	-410.99	-182.44
36613	69.95	-2.50	4.00	990.71	-127.49	-1642.45	-83.56	-416.79	-160.85
36614	70.00	-3.10	4.00	979.59	-133.50	-1628.38	-102.23	-410.13	-191.40
36615	71.09	-2.50	4.00	915.16	-143.32	-1720.77	-78.99	-392.50	-168.13
36616	71.12	-3.10	4.00	903.77	-148.13	-1703.69	-95.92	-386.54	-198.77
36617	72.22	-2.50	4.00	848.94	-153.77	-1776.51	-71.67	-348.15	-173.58
36618	72.25	-3.10	4.00	837.71	-157.58	-1757.16	-86.52	-343.35	-203.96
36619	73.35	-2.50	4.00	786.58	-160.57	-1805.96	-62.64	-288.39	-176.86
36620	73.38	-3.10	4.00	775.91	-163.56	-1785.12	-75.31	-285.09	-206.66
36621	74.49	-2.50	4.00	724.43	-164.84	-1807.21	-52.83	-218.74	-177.91
36622	74.51	-3.10	4.00	714.64	-167.18	-1785.70	-63.41	-217.11	-206.84
36623	75.62	-2.50	4.00	660.70	-167.29	-1780.46	-42.97	-144.89	-176.83
36624	75.63	-3.10	4.00	652.01	-169.11	-1759.01	-51.64	-144.93	-204.67
36625	76.75	-2.50	4.00	595.12	-168.34	-1727.83	-33.60	-71.97	-173.86
36626	76.76	-3.10	4.00	587.68	-169.77	-1707.04	-40.60	-73.56	-200.46
36627	77.88	-2.50	4.00	528.53	-168.25	-1652.89	-25.02	-4.10	-169.30
36628	77.89	-3.10	4.00	522.37	-169.41	-1633.19	-30.62	-7.01	-194.60
36629	60.65	-2.50	3.00	3912.24	522.75	542.10	-9.33	-514.57	-40.78
36630	60.74	-3.10	3.00	3931.49	518.76	510.46	-180.44	-511.81	-61.64

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
36631	61.79	-2.50	3.00	3049.38	338.59	-198.92	-20.04	-609.48	-121.67
36632	61.88	-3.10	3.00	3045.78	325.94	-225.15	-91.88	-602.63	-184.03
36633	62.94	-2.50	3.00	2425.21	215.16	-720.06	-36.47	-537.13	-145.94
36634	63.02	-3.10	3.00	2413.67	213.97	-736.98	-74.72	-536.29	-190.49
36635	64.09	-2.50	3.00	1972.38	121.41	-985.94	-50.44	-488.25	-141.10
36636	64.16	-3.10	3.00	1961.50	119.26	-995.93	-72.72	-486.40	-175.19
36637	65.24	-2.50	3.00	1651.12	41.55	-1153.78	-60.86	-477.94	-136.00
36638	65.31	-3.10	3.00	1642.22	36.11	-1158.09	-78.58	-474.05	-165.62
36639	66.39	-2.50	3.00	1418.05	-23.47	-1282.50	-69.97	-483.27	-135.17
36640	66.45	-3.10	3.00	1409.81	-31.61	-1281.91	-88.28	-477.65	-163.12
36641	67.54	-2.50	3.00	1243.40	-72.29	-1391.74	-77.38	-488.51	-138.12
36642	67.59	-3.10	3.00	1234.46	-81.03	-1386.78	-96.93	-481.81	-165.66
36643	68.69	-2.50	3.00	1108.73	-106.43	-1487.13	-81.49	-484.56	-143.35
36644	68.74	-3.10	3.00	1098.72	-114.39	-1478.30	-101.29	-477.42	-170.94
36645	69.84	-2.50	3.00	1001.99	-129.03	-1568.49	-81.59	-466.75	-149.46
36646	69.88	-3.10	3.00	991.21	-135.74	-1556.31	-100.57	-459.75	-177.17
36647	70.98	-2.50	3.00	914.37	-143.34	-1633.25	-78.03	-433.62	-155.34
36648	71.02	-3.10	3.00	903.29	-148.85	-1618.28	-95.45	-427.25	-183.06
36649	72.13	-2.50	3.00	838.97	-151.98	-1678.18	-71.66	-386.07	-160.21
36650	72.16	-3.10	3.00	828.05	-156.50	-1661.04	-87.13	-380.77	-187.75
36651	73.28	-2.50	3.00	770.49	-156.88	-1700.56	-63.47	-326.79	-163.58
36652	73.31	-3.10	3.00	760.11	-160.63	-1681.94	-76.85	-322.87	-190.72
36653	74.43	-2.50	3.00	705.21	-159.31	-1698.86	-54.33	-259.60	-165.19
36654	74.45	-3.10	3.00	695.65	-162.49	-1679.44	-65.66	-257.23	-191.70
36655	75.58	-2.50	3.00	640.91	-160.14	-1673.06	-44.96	-188.75	-164.99
36656	75.59	-3.10	3.00	632.37	-162.88	-1653.48	-54.38	-187.98	-190.69
36657	76.73	-2.50	3.00	576.69	-159.88	-1624.63	-35.89	-118.35	-163.07
36658	76.74	-3.10	3.00	569.29	-162.30	-1605.45	-43.60	-119.10	-187.82
36659	77.88	-2.50	3.00	512.68	-158.88	-1556.24	-27.45	-51.89	-159.58
36660	77.88	-3.10	3.00	506.47	-161.05	-1537.89	-33.68	-54.00	-183.30
36661	96.01	-2.50	4.00	2.60	-124.35	22.18	-7.71	0.94	-33.06
36662	94.88	-2.50	4.00	1.52	-128.84	-47.28	-4.81	32.91	-37.47
36663	93.74	-2.50	4.00	3.68	-132.11	-121.79	-1.85	65.47	-43.35
36664	92.61	-2.50	4.00	9.46	-134.88	-204.40	1.04	97.33	-50.55
36665	91.48	-2.50	4.00	19.15	-137.34	-294.57	3.71	127.30	-58.90
36666	90.35	-2.50	4.00	33.15	-139.71	-391.91	5.98	154.27	-68.19
36667	89.21	-2.50	4.00	51.95	-142.13	-496.01	7.67	177.21	-78.20
36668	88.08	-2.50	4.00	76.00	-144.71	-606.35	8.64	195.10	-88.68
36669	86.95	-2.50	4.00	105.59	-147.50	-722.22	8.75	207.00	-99.39
36670	85.81	-2.50	4.00	140.88	-150.51	-842.60	7.93	211.97	-110.08
36671	84.68	-2.50	4.00	181.87	-153.68	-966.16	6.14	209.16	-120.52
36672	83.55	-2.50	4.00	228.44	-156.91	-1091.26	3.36	197.82	-130.52
36673	82.42	-2.50	4.00	280.32	-160.05	-1215.89	-0.38	177.26	-139.91
36674	81.28	-2.50	4.00	337.10	-162.93	-1337.63	-5.09	146.93	-148.60
36675	80.15	-2.50	4.00	398.11	-165.38	-1453.51	-10.75	106.48	-156.48
36676	79.02	-2.50	4.00	462.36	-167.21	-1559.97	-17.40	55.92	-163.43
36677	95.92	-3.10	4.00	2.84	-123.44	21.49	-8.87	-2.17	-43.23
36678	94.79	-3.10	4.00	2.19	-128.06	-47.65	-5.59	29.41	-48.66
36679	93.67	-3.10	4.00	4.69	-131.69	-121.71	-2.25	61.38	-55.43
36680	92.54	-3.10	4.00	10.69	-134.78	-203.62	0.89	92.64	-63.55
36681	91.41	-3.10	4.00	20.50	-137.55	-292.89	3.69	122.02	-72.78
36682	90.28	-3.10	4.00	34.49	-140.18	-389.12	5.98	148.45	-82.94
36683	89.16	-3.10	4.00	53.16	-142.83	-491.93	7.59	170.93	-93.79
36684	88.03	-3.10	4.00	76.95	-145.59	-600.84	8.39	188.49	-105.09
36685	86.90	-3.10	4.00	106.16	-148.50	-715.17	8.27	200.17	-116.62
36686	85.78	-3.10	4.00	140.96	-151.57	-833.92	7.14	205.09	-128.12
36687	84.65	-3.10	4.00	181.37	-154.74	-955.83	4.98	202.39	-139.38
36688	83.52	-3.10	4.00	227.25	-157.93	-1079.27	1.76	191.30	-150.24
36689	82.39	-3.10	4.00	278.36	-161.02	-1202.26	-2.50	171.14	-160.58
36690	81.27	-3.10	4.00	334.26	-163.86	-1322.37	-7.83	141.35	-170.28
36691	80.14	-3.10	4.00	394.27	-166.31	-1436.67	-14.25	101.60	-179.28
36692	79.01	-3.10	4.00	457.40	-168.21	-1541.63	-21.84	51.91	-187.45
36693	96.25	-2.50	3.00	2.63	-131.80	24.00	-7.69	-2.89	-36.35
36694	95.11	-2.50	3.00	3.98	-134.71	-41.66	-5.53	27.19	-40.37
36695	93.96	-2.50	3.00	7.57	-136.73	-114.87	-3.17	56.66	-45.51
36696	92.81	-2.50	3.00	14.24	-138.06	-194.87	-0.74	85.62	-51.93
36697	91.66	-2.50	3.00	24.13	-139.06	-281.61	1.57	112.76	-59.46
36698	90.51	-2.50	3.00	37.94	-139.92	-374.69	3.59	136.68	-67.88
36699	89.36	-2.50	3.00	56.28	-140.83	-473.87	5.11	156.30	-76.98
36700	88.21	-2.50	3.00	79.63	-141.91	-578.71	5.99	170.69	-86.54
36701	87.06	-2.50	3.00	108.26	-143.24	-688.51	6.08	178.96	-96.35
36702	85.92	-2.50	3.00	142.33	-144.85	-802.29	5.29	180.28	-106.18
36703	84.77	-2.50	3.00	181.81	-146.73	-918.75	3.56	173.89	-115.81
36704	83.62	-2.50	3.00	226.56	-148.83	-1036.28	0.86	159.09	-125.04
36705	82.47	-2.50	3.00	276.28	-151.05	-1152.88	-2.83	135.33	-133.69
36706	81.32	-2.50	3.00	330.50	-153.29	-1266.19	-7.52	102.24	-141.62
36707	80.17	-2.50	3.00	388.57	-155.44	-1373.40	-13.20	59.71	-148.67
36708	79.02	-2.50	3.00	449.64	-157.35	-1471.27	-19.86	8.03	-154.71
36709	96.17	-3.10	3.00	2.90	-130.98	23.42	-8.90	-6.20	-46.94
36710	95.02	-3.10	3.00	4.66	-134.06	-41.94	-6.29	23.60	-51.80
36711	93.88	-3.10	3.00	8.55	-136.46	-114.76	-3.53	52.57	-57.61
36712	92.74	-3.10	3.00	15.42	-138.13	-194.15	-0.85	81.00	-64.72
36713	91.59	-3.10	3.00	25.40	-139.46	-280.07	1.61	107.63	-72.95
36714	90.45	-3.10	3.00	39.19	-140.63	-372.15	3.64	131.08	-82.10
36715	89.31	-3.10	3.00	57.39	-141.81	-470.15	5.09	150.30	-91.94
36716	88.16	-3.10	3.00	80.48	-143.12	-573.66	5.79	164.39	-102.25
36717	87.02	-3.10	3.00	108.74	-144.65	-682.01	5.63	172.49	-112.82
36718	85.88	-3.10	3.00	142.31	-146.40	-794.25	4.51	173.78	-123.42
36719	84.74	-3.10	3.00	181.21	-148.39	-909.13	2.36	167.50	-133.84
36720	83.59	-3.10	3.00	225.26	-150.55	-1025.05	-0.85	152.98	-143.89
36721	82.45	-3.10	3.00	274.18	-152.83	-1140.06	-5.14	129.67	-153.42
36722	81.31	-3.10	3.00	327.51	-155.12	-1251.81	-10.56	97.19	-162.28
36723	80.16	-3.10	3.00	384.59	-157.33	-1357.54	-17.11	55.44	-170.32
36724	79.02	-3.10	3.00	444.56	-159.35	-1454.06	-24.83	4.74	-177.39
36725	79.01	-3.95	4.00	448.72	-169.84	-1515.49	-28.08	44.79	-221.11
36726	79.00	-5.05	4.00	435.14	-172.93	-1481.12	-36.11	33.67	-264.34
36727	78.99	-6.15	4.00	418.54	-177.65	-1445.70	-44.02	20.28	-306.58
36728	78.97	-7.25	4.00	398.87	-184.33	-1409.34	-51.71	4.86	-346.93
36729	80.12	-3.95	4.00	387.62	-167.83	-1413.21	-19.17	93.16	-211.33

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
36730	80.10	-5.05	4.00	377.25	-170.74	-1383.01	-25.48	80.21	-252.64
36731	80.06	-6.15	4.00	364.56	-175.23	-1352.62	-31.71	64.74	-293.17
36732	80.02	-7.25	4.00	349.47	-181.61	-1322.05	-37.88	46.91	-332.12
36733	81.24	-3.95	4.00	329.39	-165.39	-1301.67	-11.66	131.94	-200.80
36734	81.20	-5.06	4.00	321.81	-168.26	-1275.76	-16.57	117.67	-240.19
36735	81.14	-6.16	4.00	312.53	-172.60	-1250.62	-21.43	100.78	-278.93
36736	81.07	-7.25	4.00	301.42	-178.73	-1226.15	-26.33	81.34	-316.31
36737	82.36	-3.95	4.00	275.02	-162.62	-1184.32	-5.46	161.01	-189.66
36738	82.29	-5.06	4.00	269.82	-165.54	-1162.70	-9.24	145.87	-227.18
36739	82.21	-6.16	4.00	263.43	-169.81	-1142.79	-12.99	128.11	-264.10
36740	82.12	-7.25	4.00	255.72	-175.70	-1124.50	-16.86	107.74	-299.84
36741	83.47	-3.95	4.00	225.22	-159.63	-1064.08	-0.48	180.70	-178.00
36742	83.39	-5.06	4.00	222.02	-162.64	-1046.67	-3.36	165.03	-213.75
36743	83.29	-6.16	4.00	218.04	-166.87	-1031.89	-6.25	146.87	-248.87
36744	83.17	-7.26	4.00	213.17	-172.51	-1019.68	-9.29	126.13	-282.92
36745	84.59	-3.96	4.00	180.45	-156.52	-943.36	3.32	191.53	-165.90
36746	84.49	-5.06	4.00	178.92	-159.61	-930.06	1.16	175.67	-199.96
36747	84.37	-6.16	4.00	176.92	-163.77	-920.25	-1.06	157.48	-233.36
36748	84.22	-7.26	4.00	174.36	-169.14	-913.91	-3.48	136.87	-265.76
36749	85.70	-3.96	4.00	140.99	-153.38	-824.14	5.97	194.19	-153.46
36750	85.59	-5.07	4.00	140.83	-156.47	-814.83	4.38	178.43	-185.94
36751	85.44	-6.17	4.00	140.42	-160.51	-809.78	2.67	160.57	-217.70
36752	85.27	-7.26	4.00	139.69	-165.54	-809.04	0.72	140.49	-248.51
36753	86.82	-3.96	4.00	106.95	-150.26	-707.99	7.50	189.45	-140.83
36754	86.69	-5.07	4.00	107.88	-153.25	-702.53	6.36	174.10	-171.79
36755	86.52	-6.17	4.00	108.70	-157.07	-702.01	5.03	156.87	-202.01
36756	86.32	-7.26	4.00	109.35	-161.67	-706.55	3.40	137.68	-231.31
36757	87.94	-3.96	4.00	78.32	-147.20	-596.15	7.94	178.16	-128.19
36758	87.78	-5.07	4.00	80.05	-149.96	-594.36	7.14	163.48	-157.69
36759	87.59	-6.17	4.00	81.75	-153.42	-598.11	6.08	147.18	-186.44
36760	87.37	-7.26	4.00	83.39	-157.49	-607.57	4.68	129.16	-214.33
36761	89.05	-3.96	4.00	54.91	-144.20	-489.57	7.35	161.19	-115.76
36762	88.88	-5.07	4.00	57.18	-146.58	-491.19	6.78	147.43	-143.83
36763	88.67	-6.17	4.00	59.44	-149.56	-498.92	5.91	132.29	-171.16
36764	88.42	-7.26	4.00	61.70	-152.97	-512.93	4.67	115.68	-197.70
36765	90.17	-3.96	4.00	36.44	-141.20	-388.87	5.84	139.46	-103.77
36766	89.98	-5.08	4.00	38.97	-143.08	-393.63	5.39	126.83	-130.40
36767	89.74	-6.18	4.00	41.50	-145.44	-405.02	4.61	113.03	-156.36
36768	89.46	-7.26	4.00	44.05	-148.08	-423.18	3.45	98.02	-181.59
36769	91.28	-3.96	4.00	22.46	-138.13	-294.51	3.53	113.89	-92.45
36770	91.08	-5.08	4.00	25.01	-139.37	-302.09	3.05	102.53	-117.63
36771	90.82	-6.18	4.00	27.55	-140.99	-316.78	2.26	90.22	-142.20
36772	90.51	-7.26	4.00	30.11	-142.75	-338.68	1.11	76.92	-166.15
36773	92.40	-3.96	4.00	12.49	-134.85	-206.84	0.57	85.45	-82.02
36774	92.18	-5.08	4.00	14.83	-135.35	-216.86	-0.09	75.46	-105.72
36775	91.90	-6.18	4.00	17.16	-136.10	-234.44	-1.02	64.71	-128.87
36776	91.56	-7.26	4.00	19.49	-136.90	-259.64	-2.22	53.16	-151.49
36777	93.52	-3.96	4.00	6.17	-131.21	-126.20	-2.89	55.16	-72.68
36778	93.27	-5.08	4.00	8.08	-130.85	-138.22	-3.91	46.57	-94.87
36779	92.97	-6.18	4.00	10.00	-130.65	-158.20	-5.11	37.41	-116.55
36780	92.61	-7.27	4.00	11.88	-130.43	-186.12	-6.45	27.59	-137.75
36781	94.63	-3.96	4.00	3.21	-127.03	-53.04	-6.72	24.14	-64.64
36782	94.37	-5.08	4.00	4.49	-125.81	-66.51	-8.23	16.92	-85.26
36783	94.05	-6.19	4.00	5.73	-124.54	-88.23	-9.80	9.34	-105.48
36784	93.66	-7.27	4.00	6.98	-123.29	-118.12	-11.38	1.28	-125.12
36785	95.75	-3.97	4.00	3.29	-121.78	15.65	-10.60	-6.54	-58.21
36786	95.47	-5.09	4.00	3.78	-119.74	1.39	-12.67	-12.37	-77.09
36787	95.12	-6.19	4.00	4.11	-117.57	-21.45	-14.61	-18.60	-95.70
36788	94.71	-7.27	4.00	4.51	-115.12	-52.33	-16.44	-24.74	-114.16
36789	79.02	-3.95	3.00	435.59	-162.81	-1429.44	-31.84	-1.09	-208.86
36790	79.01	-5.05	3.00	421.51	-168.65	-1397.23	-40.89	-10.15	-248.78
36791	79.00	-6.15	3.00	404.30	-176.30	-1364.63	-49.83	-21.03	-287.38
36792	78.98	-7.25	3.00	383.95	-185.87	-1332.11	-58.52	-33.55	-324.13
36793	80.15	-3.95	3.00	377.59	-160.63	-1335.29	-22.67	48.11	-200.44
36794	80.12	-5.05	3.00	366.60	-166.22	-1306.76	-29.89	36.92	-238.77
36795	80.09	-6.15	3.00	353.15	-173.58	-1278.55	-37.11	23.65	-275.98
36796	80.05	-7.25	3.00	337.18	-182.86	-1251.01	-44.30	8.43	-311.59
36797	81.28	-3.95	3.00	322.28	-158.31	-1232.13	-14.90	88.69	-191.09
36798	81.24	-5.06	3.00	314.05	-163.73	-1207.54	-20.60	75.89	-227.82
36799	81.18	-6.16	3.00	303.94	-170.86	-1184.06	-26.38	60.85	-263.57
36800	81.12	-7.25	3.00	291.85	-179.81	-1161.96	-32.28	43.69	-297.95
36801	82.41	-3.95	3.00	270.51	-155.95	-1123.02	-8.48	120.31	-180.97
36802	82.35	-5.06	3.00	264.68	-161.24	-1102.49	-12.92	106.36	-216.13
36803	82.27	-6.16	3.00	257.46	-168.15	-1083.88	-17.51	90.14	-250.41
36804	82.18	-7.25	3.00	248.73	-176.75	-1067.41	-22.33	71.69	-283.50
36805	83.54	-3.95	3.00	222.93	-153.61	-1010.69	-3.35	143.03	-170.25
36806	83.46	-5.06	3.00	219.17	-158.78	-994.23	-6.76	128.36	-203.90
36807	83.37	-6.16	3.00	214.40	-165.46	-980.47	-10.38	111.45	-236.72
36808	83.25	-7.25	3.00	208.52	-173.69	-969.65	-14.31	92.32	-268.50
36809	84.68	-3.96	3.00	180.03	-151.36	-897.44	0.54	157.21	-159.06
36810	84.58	-5.06	3.00	178.00	-156.37	-884.97	-2.02	142.19	-191.26
36811	84.46	-6.16	3.00	175.27	-162.80	-875.98	-4.85	125.04	-222.69
36812	84.31	-7.26	3.00	171.74	-170.61	-870.67	-8.06	105.75	-253.19
36813	85.81	-3.96	3.00	142.11	-149.23	-785.17	3.25	163.40	-147.57
36814	85.69	-5.07	3.00	141.50	-154.03	-776.60	1.37	148.37	-178.39
36815	85.55	-6.17	3.00	140.42	-160.14	-772.19	-0.84	131.38	-208.48
36816	85.38	-7.26	3.00	138.78	-167.47	-772.20	-3.48	112.38	-237.75
36817	86.94	-3.96	3.00	109.31	-147.27	-675.44	4.83	162.25	-135.93
36818	86.81	-5.07	3.00	109.83	-151.77	-670.60	3.49	147.53	-165.44
36819	86.64	-6.17	3.00	110.03	-157.46	-670.57	1.76	131.03	-194.27
36820	86.45	-7.26	3.00	109.85	-164.21	-675.61	-0.44	112.72	-222.39
36821	88.07	-3.96	3.00	81.64	-145.47	-569.47	5.34	154.50	-124.35
36822	87.92	-5.07	3.00	83.00	-149.56	-568.16	4.41	140.38	-152.61
36823	87.73	-6.17	3.00	84.13	-154.72	-572.25	3.05	124.68	-180.24
36824	87.51	-7.26	3.00	85.01	-160.78	-582.01	1.18	107.37	-207.28
36825	89.20	-3.96	3.00	58.96	-143.80	-468.16	4.88	140.94	-113.05
36826	89.04	-5.07	3.00	60.87	-147.36	-470.13	4.23	127.66	-140.09
36827	88.83	-6.17	3.00	62.63	-151.88	-478.06	3.13	113.01	-166.59
36828	88.58	-7.26	3.00	64.18	-157.14	-492.20	1.49	96.97	-192.60

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
36829	90.34	-3.96	3.00	40.97	-142.19	-372.15	3.55	122.39	-102.23
36830	90.15	-5.07	3.00	43.18	-145.11	-377.11	3.05	110.15	-128.09
36831	89.92	-6.18	3.00	45.25	-148.86	-388.56	2.09	96.76	-153.50
36832	89.64	-7.26	3.00	47.16	-153.21	-406.72	0.60	82.19	-178.52
36833	91.47	-3.96	3.00	27.21	-140.52	-281.82	1.49	99.73	-92.12
36834	91.26	-5.08	3.00	29.48	-142.69	-289.46	0.98	88.68	-116.82
36835	91.01	-6.18	3.00	31.61	-145.55	-304.10	0.04	76.68	-141.16
36836	90.71	-7.26	3.00	33.60	-148.86	-325.90	-1.40	63.71	-165.21
36837	92.60	-3.96	3.00	17.10	-138.62	-197.38	-1.13	73.96	-82.95
36838	92.38	-5.08	3.00	19.20	-139.93	-207.36	-1.83	64.18	-106.50
36839	92.10	-6.18	3.00	21.18	-141.79	-224.83	-2.90	53.65	-129.75
36840	91.78	-7.26	3.00	23.02	-143.95	-249.89	-4.40	42.32	-152.78
36841	93.73	-3.96	3.00	9.95	-136.33	-119.18	-4.15	46.38	-74.91
36842	93.49	-5.08	3.00	11.71	-136.67	-131.09	-5.23	37.87	-97.32
36843	93.20	-6.18	3.00	13.38	-137.40	-150.94	-6.60	28.79	-119.42
36844	92.84	-7.26	3.00	14.90	-138.32	-178.76	-8.26	19.03	-141.28
36845	94.86	-3.96	3.00	5.67	-133.31	-47.21	-7.44	18.21	-68.16
36846	94.61	-5.08	3.00	6.89	-132.65	-60.55	-9.06	10.84	-89.35
36847	94.29	-6.19	3.00	8.01	-132.14	-82.16	-10.86	3.09	-110.26
36848	93.91	-7.27	3.00	9.04	-131.80	-112.00	-12.80	-5.21	-130.73
36849	96.00	-3.96	3.00	3.39	-129.53	17.71	-10.73	-10.86	-62.53
36850	95.72	-5.09	3.00	3.91	-127.90	3.60	-13.01	-17.11	-82.21
36851	95.38	-6.19	3.00	4.21	-126.25	-19.15	-15.27	-23.83	-101.67
36852	94.97	-7.27	3.00	4.51	-124.41	-50.03	-17.56	-30.58	-121.01
36853	61.15	-3.97	4.00	4211.60	636.03	655.37	-161.88	397.23	-226.61
36854	61.43	-5.09	4.00	4111.98	593.66	513.76	-234.81	382.54	-294.09
36855	61.78	-6.19	4.00	3975.82	581.43	329.42	-310.87	347.22	-360.14
36856	62.19	-7.27	4.00	3841.74	646.57	113.61	-417.08	293.56	-403.69
36857	62.27	-3.96	4.00	3040.94	407.16	-486.33	-92.55	65.86	-240.71
36858	62.53	-5.08	4.00	2955.76	421.74	-579.55	-126.78	47.62	-292.93
36859	62.85	-6.19	4.00	2863.32	441.28	-677.67	-156.09	38.79	-324.49
36860	63.24	-7.27	4.00	2756.60	437.35	-771.88	-222.02	37.92	-336.89
36861	63.38	-3.96	4.00	2318.03	247.53	-884.87	-84.66	-65.40	-210.10
36862	63.63	-5.08	4.00	2257.36	254.04	-939.41	-110.14	-74.72	-254.57
36863	63.93	-6.18	4.00	2191.54	233.95	-996.51	-140.84	-74.63	-282.81
36864	64.29	-7.27	4.00	2077.92	153.96	-1051.21	-234.41	-68.83	-307.22
36865	64.50	-3.96	4.00	1856.42	123.81	-1071.02	-92.25	-175.24	-196.75
36866	64.72	-5.08	4.00	1813.41	106.75	-1103.69	-124.53	-173.34	-240.26
36867	65.00	-6.18	4.00	1751.18	60.66	-1139.93	-177.24	-167.30	-276.53
36868	65.34	-7.26	4.00	1624.53	-10.73	-1176.45	-280.05	-162.43	-312.67
36869	65.62	-3.96	4.00	1548.75	26.33	-1202.96	-107.24	-263.78	-196.52
36870	65.82	-5.08	4.00	1509.66	-2.10	-1220.01	-149.75	-255.76	-242.66
36871	66.08	-6.18	4.00	1442.11	-45.25	-1240.54	-212.33	-246.85	-285.11
36872	66.39	-7.26	4.00	1318.03	-87.83	-1262.38	-298.67	-240.73	-326.34
36873	66.73	-3.96	4.00	1330.97	-44.50	-1317.48	-122.42	-331.77	-203.57
36874	66.92	-5.08	4.00	1290.18	-72.27	-1321.56	-169.57	-320.32	-252.29
36875	67.16	-6.18	4.00	1221.00	-104.03	-1328.61	-228.98	-308.94	-297.92
36876	67.44	-7.26	4.00	1110.42	-128.41	-1337.99	-295.16	-299.61	-340.68
36877	67.85	-3.96	4.00	1170.67	-92.35	-1423.64	-132.04	-377.75	-213.59
36878	68.02	-5.07	4.00	1128.43	-115.15	-1416.32	-178.15	-364.24	-264.07
36879	68.23	-6.17	4.00	1062.20	-137.56	-1411.32	-229.67	-350.65	-311.14
36880	68.48	-7.26	4.00	967.12	-152.98	-1408.92	-280.30	-338.03	-354.30
36881	68.96	-3.96	4.00	1049.95	-123.46	-1521.60	-134.28	-400.47	-224.07
36882	69.12	-5.07	4.00	1007.86	-141.20	-1504.13	-176.39	-386.00	-275.59
36883	69.31	-6.17	4.00	946.69	-157.56	-1488.14	-219.80	-371.11	-323.34
36884	69.53	-7.26	4.00	865.22	-168.82	-1474.45	-259.47	-356.36	-366.60
36885	70.08	-3.96	4.00	956.58	-143.33	-1608.03	-129.86	-399.87	-233.50
36886	70.21	-5.07	4.00	915.91	-157.10	-1581.70	-166.99	-385.70	-285.55
36887	70.38	-6.17	4.00	860.26	-169.75	-1555.92	-203.34	-370.87	-333.62
36888	70.58	-7.26	4.00	789.86	-179.13	-1531.77	-235.27	-355.69	-376.94
36889	71.20	-3.96	4.00	881.14	-155.87	-1678.37	-120.44	-377.44	-240.94
36890	71.31	-5.07	4.00	842.71	-166.73	-1644.72	-152.50	-364.89	-293.08
36891	71.46	-6.17	4.00	792.34	-177.09	-1610.67	-182.99	-351.63	-341.24
36892	71.63	-7.26	4.00	730.85	-185.69	-1577.48	-209.32	-337.85	-384.62
36893	72.31	-3.96	4.00	816.12	-163.67	-1728.10	-107.73	-336.20	-245.79
36894	72.41	-5.06	4.00	780.45	-172.39	-1688.96	-135.02	-326.42	-297.62
36895	72.53	-6.16	4.00	735.12	-181.24	-1648.59	-160.64	-316.14	-345.66
36896	72.68	-7.26	4.00	681.02	-189.50	-1608.28	-182.75	-305.36	-389.07
36897	73.43	-3.95	4.00	755.86	-168.34	-1753.72	-93.28	-280.44	-247.75
36898	73.51	-5.06	4.00	723.41	-175.45	-1711.12	-116.23	-274.29	-298.89
36899	73.61	-6.16	4.00	682.96	-183.22	-1666.66	-137.74	-267.99	-346.59
36900	73.73	-7.26	4.00	635.35	-191.26	-1621.56	-156.51	-261.42	-389.95
36901	74.54	-3.95	4.00	696.57	-170.93	-1753.35	-78.35	-215.23	-246.83
36902	74.61	-5.06	4.00	667.69	-176.77	-1709.37	-97.42	-213.12	-296.90
36903	74.69	-6.16	4.00	632.14	-183.67	-1663.13	-115.40	-211.34	-344.02
36904	74.78	-7.25	4.00	590.58	-191.49	-1615.71	-131.36	-209.67	-387.21
36905	75.66	-3.95	4.00	636.22	-172.05	-1726.98	-63.88	-145.79	-243.28
36906	75.70	-5.06	4.00	611.20	-176.88	-1683.50	-79.53	-147.72	-291.96
36907	75.76	-6.16	4.00	580.59	-183.06	-1637.67	-94.43	-150.51	-338.22
36908	75.83	-7.25	4.00	544.84	-190.63	-1590.32	-107.96	-153.86	-381.07
36909	76.78	-3.95	4.00	574.31	-172.09	-1676.35	-50.48	-76.92	-237.49
36910	76.80	-5.05	4.00	553.25	-176.14	-1634.94	-63.16	-82.51	-284.51
36911	76.84	-6.15	4.00	527.53	-181.71	-1591.35	-75.39	-89.49	-329.66
36912	76.88	-7.25	4.00	497.44	-188.99	-1546.16	-86.75	-97.55	-371.95
36913	77.89	-3.95	4.00	511.42	-171.30	-1604.57	-38.51	-12.48	-229.95
36914	77.90	-5.05	4.00	494.24	-174.77	-1566.35	-48.65	-21.14	-275.10
36915	77.91	-6.15	4.00	473.24	-179.85	-1526.39	-58.55	-31.69	-318.90
36916	77.93	-7.25	4.00	448.53	-186.83	-1485.01	-67.98	-43.83	-360.37
36917	60.90	-3.96	3.00	3749.10	531.64	431.42	-261.38	-610.45	-69.42
36918	61.18	-5.09	3.00	3605.17	488.59	309.53	-227.39	-680.03	-94.21
36919	61.52	-6.19	3.00	3549.53	486.31	161.32	-270.66	-672.51	-139.70
36920	61.93	-7.27	3.00	3562.09	575.71	-11.68	-317.90	-636.86	-201.47
36921	62.04	-3.96	3.00	2957.02	354.52	-292.69	-170.23	-639.81	-261.52
36922	62.29	-5.08	3.00	2825.76	399.43	-401.55	-189.95	-683.05	-308.90
36923	62.61	-6.19	3.00	2759.19	436.80	-514.45	-171.74	-672.68	-336.88
36924	62.99	-7.27	3.00	2777.68	457.54	-612.63	-191.13	-598.92	-336.84
36925	63.17	-3.96	3.00	2360.06	229.64	-775.28	-116.46	-546.58	-245.40
36926	63.41	-5.08	3.00	2283.96	257.95	-835.79	-133.03	-554.96	-294.36
36927	63.70	-6.18	3.00	2241.72	253.94	-902.80	-131.22	-534.59	-316.69

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
36928	64.06	-7.26	3.00	2199.09	167.80	-975.48	-202.13	-479.21	-326.50
36929	64.30	-3.96	3.00	1930.97	120.50	-1018.20	-99.04	-485.66	-218.82
36930	64.52	-5.08	3.00	1888.17	112.26	-1055.27	-122.36	-479.29	-262.63
36931	64.80	-6.18	3.00	1845.24	65.76	-1099.77	-160.69	-457.88	-292.56
36932	65.12	-7.26	3.00	1749.55	-21.30	-1149.67	-263.99	-419.31	-314.08
36933	65.43	-3.96	3.00	1621.86	24.50	-1169.74	-104.06	-467.47	-204.45
36934	65.64	-5.08	3.00	1587.10	-3.75	-1190.82	-141.81	-454.64	-247.89
36935	65.89	-6.18	3.00	1530.35	-53.01	-1217.55	-201.74	-433.57	-283.51
36936	66.19	-7.26	3.00	1415.66	-106.70	-1247.53	-295.30	-404.03	-314.54
36937	66.56	-3.96	3.00	1390.97	-48.25	-1284.68	-117.27	-467.95	-200.67
36938	66.75	-5.07	3.00	1353.56	-78.87	-1292.47	-163.26	-452.12	-245.11
36939	66.98	-6.18	3.00	1288.67	-116.37	-1304.26	-224.47	-431.46	-284.68
36940	67.26	-7.26	3.00	1178.72	-147.38	-1318.94	-297.39	-406.67	-321.02
36941	67.70	-3.96	3.00	1214.04	-97.30	-1381.88	-127.86	-470.55	-203.18
36942	67.86	-5.07	3.00	1173.53	-123.24	-1378.25	-174.58	-453.41	-248.79
36943	68.07	-6.17	3.00	1108.27	-149.97	-1377.49	-228.80	-433.16	-290.65
36944	68.32	-7.26	3.00	1011.18	-169.65	-1379.65	-284.42	-410.58	-329.35
36945	68.83	-3.96	3.00	1076.77	-128.24	-1466.73	-131.70	-465.67	-208.77
36946	68.98	-5.07	3.00	1035.41	-148.73	-1453.27	-175.05	-448.37	-255.23
36947	69.17	-6.17	3.00	974.00	-168.33	-1441.78	-220.92	-428.81	-298.26
36948	69.39	-7.26	3.00	890.28	-182.69	-1432.94	-264.13	-407.62	-337.94
36949	69.96	-3.96	3.00	968.68	-146.99	-1539.05	-128.85	-448.41	-215.25
36950	70.09	-5.07	3.00	928.37	-163.12	-1517.22	-167.32	-431.99	-262.19
36951	70.26	-6.17	3.00	872.29	-178.41	-1496.49	-205.69	-413.78	-305.75
36952	70.45	-7.26	3.00	800.19	-190.38	-1477.90	-240.15	-394.28	-345.78
36953	71.09	-3.96	3.00	881.09	-157.93	-1596.35	-120.79	-417.11	-221.17
36954	71.21	-5.07	3.00	842.99	-170.95	-1567.65	-154.17	-402.58	-268.23
36955	71.35	-6.17	3.00	792.44	-183.68	-1539.23	-186.30	-386.64	-311.96
36956	71.52	-7.26	3.00	729.96	-194.67	-1512.32	-214.49	-369.67	-352.05
36957	72.22	-3.96	3.00	806.88	-163.94	-1635.55	-109.27	-372.48	-225.62
36958	72.32	-5.06	3.00	771.63	-174.80	-1601.61	-137.84	-360.76	-272.46
36959	72.44	-6.16	3.00	726.39	-185.97	-1567.24	-164.82	-348.02	-316.08
36960	72.59	-7.26	3.00	671.90	-196.58	-1533.74	-188.36	-334.50	-356.07
36961	73.36	-3.95	3.00	740.46	-166.85	-1654.06	-95.81	-316.93	-228.04
36962	73.44	-5.06	3.00	708.46	-176.18	-1616.63	-120.01	-308.69	-274.34
36963	73.53	-6.16	3.00	668.29	-186.34	-1578.22	-142.71	-299.88	-317.63
36964	73.65	-7.25	3.00	620.68	-196.80	-1540.11	-162.63	-290.62	-357.41
36965	74.49	-3.95	3.00	677.90	-167.80	-1650.37	-81.63	-253.90	-228.21
36966	74.55	-5.06	3.00	649.40	-176.01	-1611.21	-101.92	-249.51	-273.67
36967	74.63	-6.16	3.00	614.12	-185.44	-1570.73	-121.01	-245.06	-316.40
36968	74.72	-7.25	3.00	572.68	-195.81	-1530.13	-137.98	-240.53	-355.87
36969	75.62	-3.95	3.00	616.74	-167.50	-1624.33	-67.63	-187.29	-226.14
36970	75.66	-5.06	3.00	591.91	-174.86	-1585.10	-84.48	-186.80	-270.48
36971	75.72	-6.16	3.00	561.42	-183.73	-1544.44	-100.46	-186.77	-312.46
36972	75.78	-7.25	3.00	525.73	-193.97	-1503.40	-114.93	-187.09	-351.49
36973	76.75	-3.95	3.00	555.92	-166.40	-1577.15	-54.44	-120.91	-222.02
36974	76.78	-5.05	3.00	534.80	-173.11	-1539.28	-68.29	-124.06	-265.03
36975	76.81	-6.15	3.00	508.96	-181.50	-1500.10	-81.57	-128.19	-306.05
36976	76.85	-7.25	3.00	478.70	-191.57	-1460.48	-93.88	-133.14	-344.49
36977	77.88	-3.95	3.00	495.35	-164.78	-1511.18	-42.45	-58.01	-216.15
36978	77.89	-5.05	3.00	477.86	-170.98	-1475.77	-53.70	-64.38	-257.64
36979	77.90	-6.15	3.00	456.47	-178.96	-1439.40	-64.64	-72.18	-297.52
36980	77.92	-7.25	3.00	431.34	-188.81	-1402.73	-75.04	-81.24	-335.22
36981	78.96	-8.10	4.00	381.78	-190.78	-1381.12	-57.46	-8.17	-376.31
36982	78.95	-8.70	4.00	368.60	-195.88	-1361.63	-61.30	-18.01	-395.48
36983	79.99	-8.10	4.00	336.27	-187.86	-1298.64	-42.66	31.76	-360.73
36984	79.96	-8.70	4.00	325.99	-192.84	-1282.68	-45.99	20.22	-379.59
36985	81.01	-8.10	4.00	291.65	-184.71	-1207.93	-30.25	64.75	-343.99
36986	80.96	-8.70	4.00	283.98	-189.49	-1195.86	-33.10	52.02	-362.43
36987	82.04	-8.10	4.00	248.90	-181.38	-1111.61	-20.06	90.31	-326.47
36988	81.97	-8.70	4.00	243.51	-185.91	-1103.63	-22.48	76.89	-344.38
36989	83.06	-8.10	4.00	208.81	-177.86	-1012.07	-11.92	108.41	-308.45
36990	82.98	-8.70	4.00	205.34	-182.09	-1008.21	-13.98	94.71	-325.77
36991	84.09	-8.10	4.00	172.01	-174.12	-911.43	-5.65	119.29	-290.17
36992	83.98	-8.70	4.00	170.11	-178.00	-911.60	-7.42	105.69	-306.87
36993	85.11	-8.10	4.00	138.92	-170.10	-811.44	-1.12	123.42	-271.82
36994	84.99	-8.70	4.00	138.25	-173.60	-815.49	-2.65	110.23	-287.90
36995	86.14	-8.10	4.00	109.79	-165.76	-713.54	1.81	121.43	-253.57
36996	85.99	-8.70	4.00	110.06	-168.83	-721.24	0.46	108.89	-269.03
36997	87.16	-8.10	4.00	84.69	-161.02	-618.82	3.25	113.97	-235.59
36998	87.00	-8.70	4.00	85.62	-163.64	-629.91	2.04	102.28	-250.44
36999	88.19	-8.10	4.00	63.51	-155.83	-528.10	3.36	101.75	-218.00
37000	88.01	-8.70	4.00	64.90	-157.85	-542.27	2.18	91.06	-232.31
37001	89.22	-8.10	4.00	46.12	-150.25	-441.91	2.24	85.48	-200.94
37002	89.01	-8.70	4.00	47.64	-151.72	-458.92	1.20	75.83	-214.61
37003	90.24	-8.10	4.00	32.19	-144.13	-360.57	-0.09	65.88	-184.59
37004	90.02	-8.70	4.00	33.74	-145.03	-380.02	-1.06	57.46	-197.66
37005	91.27	-8.10	4.00	21.36	-137.46	-284.32	-3.42	43.60	-169.01
37006	91.02	-8.70	4.00	22.87	-137.74	-305.87	-4.43	36.39	-181.60
37007	92.29	-8.10	4.00	13.36	-130.11	-213.14	-7.66	19.45	-154.25
37008	92.03	-8.70	4.00	14.35	-129.73	-236.58	-8.64	13.20	-166.15
37009	93.32	-8.10	4.00	7.91	-122.20	-146.86	-12.53	-5.51	-140.36
37010	93.04	-8.70	4.00	8.50	-121.08	-171.61	-13.38	-10.68	-151.65
37011	94.34	-8.10	4.00	4.75	-113.34	-81.92	-17.59	-29.92	-127.50
37012	94.04	-8.70	4.00	4.71	-111.94	-107.80	-18.31	-34.67	-137.48
37013	78.97	-8.10	3.00	366.32	-194.54	-1307.58	-65.01	-44.15	-351.08
37014	78.96	-8.70	3.00	352.74	-201.14	-1291.18	-69.37	-52.23	-368.96
37015	80.01	-8.10	3.00	323.26	-191.30	-1230.61	-49.86	-4.47	-337.90
37016	79.99	-8.70	3.00	312.45	-197.76	-1217.26	-53.72	-14.34	-355.45
37017	81.06	-8.10	3.00	281.23	-187.96	-1146.13	-37.00	29.10	-323.52
37018	81.01	-8.70	3.00	272.93	-194.18	-1136.22	-40.40	17.91	-340.68
37019	82.10	-8.10	3.00	241.00	-184.55	-1056.38	-26.32	56.01	-308.27
37020	82.03	-8.70	3.00	234.90	-190.51	-1050.12	-29.28	43.95	-325.01
37021	83.14	-8.10	3.00	203.23	-181.10	-963.45	-17.68	76.07	-292.45
37022	83.06	-8.70	3.00	199.02	-186.73	-960.92	-20.26	63.56	-308.76
37023	84.18	-8.10	3.00	168.49	-177.58	-869.23	-10.92	89.39	-276.32
37024	84.08	-8.70	3.00	165.83	-182.83	-870.39	-13.19	76.80	-292.20
37025	85.23	-8.10	3.00	137.15	-173.93	-775.32	-5.93	96.31	-260.08
37026	85.10	-8.70	3.00	135.75	-178.78	-780.05	-7.92	83.94	-275.54

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
37027	86.27	-8.10	3.00	109.48	-170.12	-683.07	-2.56	97.27	-243.96
37028	86.13	-8.70	3.00	109.04	-174.51	-691.20	-4.32	85.39	-259.02
37029	87.31	-8.10	3.00	85.55	-166.04	-593.51	-0.71	92.82	-228.14
37030	87.15	-8.70	3.00	85.83	-169.94	-604.82	-2.29	81.64	-242.80
37031	88.36	-8.10	3.00	65.30	-161.63	-507.46	-0.22	83.53	-212.77
37032	88.17	-8.70	3.00	66.08	-164.88	-521.69	-1.72	73.23	-227.10
37033	89.40	-8.10	3.00	48.60	-156.89	-425.42	-0.97	70.02	-198.00
37034	89.20	-8.70	3.00	49.56	-159.52	-442.40	-2.32	60.64	-211.90
37035	90.44	-8.10	3.00	35.12	-151.62	-347.71	-2.94	52.94	-184.02
37036	90.22	-8.70	3.00	36.17	-153.57	-367.09	-4.22	44.70	-197.47
37037	91.48	-8.10	3.00	24.40	-145.72	-274.49	-5.94	32.92	-170.86
37038	91.25	-8.70	3.00	25.48	-146.93	-296.00	-7.26	25.81	-183.96
37039	92.53	-8.10	3.00	16.01	-139.02	-205.71	-9.84	10.89	-158.49
37040	92.27	-8.70	3.00	16.65	-139.41	-229.16	-11.18	4.58	-170.97
37041	93.57	-8.10	3.00	9.71	-131.54	-140.75	-14.34	-12.28	-146.73
37042	93.29	-8.70	3.00	10.03	-131.07	-165.55	-15.54	-17.72	-158.62
37043	94.61	-8.10	3.00	4.60	-123.17	-79.71	-19.17	-36.34	-135.02
37044	94.32	-8.70	3.00	4.34	-122.22	-105.80	-20.28	-41.66	-145.48
37045	62.56	-8.10	4.00	3760.01	784.85	-54.73	-564.07	244.78	-407.31
37046	62.86	-8.70	4.00	3435.10	882.72	-187.38	-906.99	228.13	-413.14
37047	63.58	-8.10	4.00	2580.76	360.03	-847.78	-384.93	36.40	-343.36
37048	63.86	-8.70	4.00	2214.71	246.19	-920.16	-591.27	19.02	-341.98
37049	64.61	-8.10	4.00	1882.09	50.23	-1097.05	-390.05	-70.90	-329.95
37050	64.87	-8.70	4.00	1607.24	10.60	-1127.82	-512.17	-85.20	-350.53
37051	65.63	-8.10	4.00	1446.09	-57.91	-1204.57	-390.38	-164.86	-343.12
37052	65.88	-8.70	4.00	1253.09	-59.29	-1224.45	-452.73	-173.74	-364.46
37053	66.66	-8.10	4.00	1172.51	-105.45	-1280.39	-368.58	-239.82	-357.57
37054	66.88	-8.70	4.00	1038.60	-101.82	-1295.03	-403.08	-242.50	-378.07
37055	67.68	-8.10	4.00	995.34	-135.98	-1347.32	-341.13	-294.25	-371.61
37056	67.89	-8.70	4.00	897.43	-133.33	-1356.50	-363.06	-291.81	-391.60
37057	68.71	-8.10	4.00	875.11	-157.69	-1409.41	-312.84	-328.95	-384.92
37058	68.89	-8.70	4.00	800.26	-156.59	-1412.29	-328.17	-323.00	-404.60
37059	69.74	-8.10	4.00	789.96	-172.93	-1466.01	-283.95	-344.97	-397.02
37060	69.90	-8.70	4.00	730.60	-173.10	-1462.29	-295.40	-336.91	-416.47
37061	70.76	-8.10	4.00	726.83	-183.62	-1514.85	-254.67	-343.63	-407.27
37062	70.91	-8.70	4.00	677.94	-185.18	-1504.85	-263.98	-334.88	-426.58
37063	71.79	-8.10	4.00	676.87	-190.83	-1553.09	-225.39	-326.73	-414.94
37064	71.91	-8.70	4.00	635.47	-193.48	-1537.47	-233.36	-318.55	-434.17
37065	72.81	-8.10	4.00	634.13	-195.23	-1577.90	-196.47	-296.59	-419.42
37066	72.92	-8.70	4.00	598.39	-198.76	-1557.72	-203.58	-290.04	-438.64
37067	73.84	-8.10	4.00	594.38	-197.46	-1587.02	-168.44	-256.02	-420.36
37068	73.92	-8.70	4.00	563.27	-201.64	-1563.58	-174.90	-251.91	-439.62
37069	74.86	-8.10	4.00	554.91	-198.01	-1579.00	-141.82	-208.26	-417.66
37070	74.93	-8.70	4.00	527.84	-202.66	-1553.76	-147.76	-207.08	-437.00
37071	75.89	-8.10	4.00	514.15	-197.31	-1553.42	-117.12	-156.62	-411.48
37072	75.94	-8.70	4.00	490.81	-202.26	-1527.83	-122.55	-158.54	-430.89
37073	76.91	-8.10	4.00	471.52	-195.69	-1510.83	-94.71	-104.29	-402.20
37074	76.94	-8.70	4.00	451.73	-200.82	-1486.24	-99.61	-109.22	-421.62
37075	77.94	-8.10	4.00	427.16	-193.45	-1452.69	-74.81	-54.06	-390.30
37076	77.95	-8.70	4.00	410.79	-198.59	-1430.24	-79.18	-61.67	-409.64
37077	62.29	-8.10	3.00	3751.59	723.11	-119.04	-440.55	-582.84	-221.45
37078	62.58	-8.70	3.00	3736.49	888.67	-168.24	-862.79	-512.30	-214.08
37079	63.33	-8.10	3.00	2752.42	393.30	-695.16	-349.65	-509.32	-335.66
37080	63.61	-8.70	3.00	2458.63	257.72	-798.84	-606.94	-427.32	-327.49
37081	64.37	-8.10	3.00	2062.12	37.17	-1044.63	-375.37	-419.08	-328.43
37082	64.63	-8.70	3.00	1794.51	-20.08	-1099.22	-531.76	-364.80	-326.05
37083	65.42	-8.10	3.00	1585.62	-85.51	-1191.39	-393.56	-379.89	-328.71
37084	65.65	-8.70	3.00	1383.14	-90.55	-1220.94	-473.81	-348.92	-342.73
37085	66.46	-8.10	3.00	1269.22	-131.87	-1272.27	-377.76	-377.27	-338.50
37086	66.68	-8.70	3.00	1125.65	-129.34	-1291.28	-421.10	-358.06	-356.51
37087	67.50	-8.10	3.00	1059.21	-158.85	-1332.41	-350.81	-385.74	-348.47
37088	67.70	-8.70	3.00	954.01	-157.12	-1344.45	-377.65	-370.82	-367.76
37089	68.54	-8.10	3.00	914.84	-176.96	-1383.76	-321.59	-392.07	-358.02
37090	68.73	-8.70	3.00	834.84	-176.93	-1389.29	-339.94	-378.82	-377.61
37091	69.59	-8.10	3.00	811.68	-188.92	-1428.44	-291.62	-390.42	-366.95
37092	69.75	-8.70	3.00	748.86	-190.23	-1427.68	-305.05	-378.01	-386.46
37093	70.63	-8.10	3.00	734.90	-196.80	-1465.58	-261.61	-378.50	-374.79
37094	70.77	-8.70	3.00	683.79	-199.62	-1459.03	-272.32	-367.05	-394.10
37095	71.67	-8.10	3.00	674.66	-201.68	-1493.19	-232.04	-355.93	-380.92
37096	71.80	-8.70	3.00	631.93	-205.65	-1481.52	-241.04	-345.92	-399.99
37097	72.72	-8.10	3.00	624.37	-204.21	-1509.12	-203.19	-323.57	-384.77
37098	72.82	-8.70	3.00	587.95	-209.08	-1493.29	-211.07	-315.58	-403.61
37099	73.76	-8.10	3.00	579.50	-204.95	-1511.58	-175.44	-283.14	-385.93
37100	73.84	-8.70	3.00	548.10	-210.51	-1492.72	-182.51	-277.66	-404.59
37101	74.80	-8.10	3.00	537.01	-204.33	-1499.38	-149.18	-236.93	-384.20
37102	74.87	-8.70	3.00	509.85	-210.39	-1478.74	-155.62	-234.29	-402.71
37103	75.84	-8.10	3.00	495.03	-202.73	-1472.13	-124.77	-187.50	-379.59
37104	75.89	-8.70	3.00	471.67	-209.12	-1450.97	-130.65	-187.82	-397.99
37105	76.89	-8.10	3.00	452.65	-200.41	-1430.23	-102.50	-137.39	-372.31
37106	76.91	-8.70	3.00	432.78	-207.01	-1409.71	-107.86	-140.59	-390.58
37107	77.93	-8.10	3.00	409.64	-197.62	-1374.82	-82.57	-88.96	-362.68
37108	77.94	-8.70	3.00	393.07	-204.27	-1355.95	-87.43	-94.76	-380.79
37109	89.19	9.43	3.00	17.53	-195.68	-797.36	-4.96	143.97	283.20
37110	90.14	9.39	3.00	4.84	-188.45	-724.80	-2.24	128.93	268.48
37111	91.09	9.35	3.00	-4.03	-179.79	-657.89	1.95	110.06	254.01
37112	89.38	10.30	3.00	9.78	-197.19	-831.00	-1.89	125.34	306.66
37113	90.21	10.18	3.00	0.53	-188.39	-765.93	1.14	113.56	289.44
37114	91.03	10.05	3.00	-6.25	-179.09	-704.14	4.85	98.94	272.32
37115	89.55	11.18	3.00	2.55	-193.78	-875.71	3.04	104.00	327.34
37116	90.25	10.97	3.00	-3.69	-185.16	-814.61	5.66	96.09	308.49
37117	90.94	10.74	3.00	-8.55	-176.31	-755.22	8.61	86.15	289.82
37118	78.97	9.79	3.00	335.43	-237.91	-1714.43	74.36	-58.25	455.25
37119	80.01	9.78	3.00	297.23	-234.43	-1638.40	55.78	-4.99	440.32
37120	81.05	9.76	3.00	258.12	-230.98	-1552.52	39.89	41.92	423.89
37121	82.09	9.74	3.00	219.06	-227.56	-1459.30	26.59	81.43	406.41
37122	83.12	9.71	3.00	181.04	-224.12	-1361.31	15.75	112.93	388.30
37123	84.14	9.67	3.00	145.01	-220.58	-1261.04	7.22	136.23	369.93
37124	85.17	9.63	3.00	111.76	-216.79	-1160.79	0.86	151.51	351.59
37125	86.19	9.59	3.00	81.97	-212.58	-1062.56	-3.44	159.20	333.54



Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
37126	87.20	9.54	3.00	56.14	-207.77	-968.04	-5.81	159.96	315.95
37127	88.21	9.48	3.00	34.58	-202.11	-878.52	-6.27	154.57	298.92
37128	79.00	11.37	3.00	286.95	-270.33	-1736.52	81.31	-79.66	529.96
37129	80.10	11.34	3.00	253.58	-265.65	-1659.70	60.05	-26.91	512.15
37130	81.18	11.29	3.00	218.95	-260.11	-1573.60	42.07	19.56	491.75
37131	82.26	11.22	3.00	184.14	-253.90	-1480.74	27.30	58.73	469.43
37132	83.32	11.13	3.00	150.25	-247.13	-1383.67	15.62	89.99	445.85
37133	84.37	11.03	3.00	118.27	-239.88	-1284.78	6.85	113.21	421.63
37134	85.41	10.91	3.00	89.04	-232.16	-1186.18	0.76	128.62	397.27
37135	86.44	10.77	3.00	63.19	-223.95	-1089.64	-2.89	136.76	373.15
37136	87.46	10.62	3.00	41.14	-215.26	-996.49	-4.37	138.32	349.55
37137	88.46	10.45	3.00	23.17	-206.12	-907.61	-3.90	134.12	326.61
37138	79.02	12.96	3.00	233.80	-292.97	-1788.21	85.05	-103.52	593.19
37139	80.16	12.91	3.00	206.02	-287.64	-1710.06	63.00	-53.05	573.77
37140	81.29	12.82	3.00	176.76	-280.34	-1623.40	44.39	-8.23	550.70
37141	82.40	12.71	3.00	147.14	-271.48	-1530.49	29.25	29.93	524.81
37142	83.50	12.57	3.00	118.26	-261.47	-1433.62	17.54	60.76	496.96
37143	84.57	12.40	3.00	91.12	-250.61	-1334.88	9.08	84.09	467.92
37144	85.63	12.20	3.00	66.52	-239.18	-1236.09	3.57	100.11	438.37
37145	86.68	11.97	3.00	45.03	-227.40	-1138.68	0.66	109.29	408.83
37146	87.70	11.71	3.00	26.98	-215.45	-1043.71	-0.04	112.29	379.68
37147	88.70	11.43	3.00	12.46	-203.73	-951.83	0.92	109.85	351.11
37148	79.04	14.55	3.00	179.17	-289.20	-1888.04	84.08	-129.42	639.04
37149	80.22	14.48	3.00	156.95	-284.45	-1806.89	63.74	-83.16	619.39
37150	81.38	14.37	3.00	133.41	-276.78	-1717.53	46.51	-41.37	595.10
37151	82.53	14.22	3.00	109.51	-266.87	-1621.91	32.57	-5.13	567.09
37152	83.65	14.02	3.00	86.23	-255.39	-1521.97	21.93	24.81	536.34
37153	84.75	13.79	3.00	64.45	-242.91	-1419.48	14.42	48.15	503.75
37154	85.83	13.51	3.00	44.87	-229.95	-1315.98	9.74	64.97	470.16
37155	86.89	13.18	3.00	27.96	-216.95	-1212.74	7.47	75.63	436.27
37156	87.92	12.82	3.00	13.96	-204.29	-1110.71	7.14	80.68	402.62
37157	88.92	12.43	3.00	2.86	-192.20	-1010.54	8.18	80.82	369.67
37158	79.06	16.14	3.00	126.73	-249.74	-2041.74	75.98	-156.43	653.01
37159	80.26	16.07	3.00	109.34	-246.93	-1955.72	59.74	-116.80	635.15
37160	81.45	15.93	3.00	91.07	-241.14	-1860.56	45.94	-79.96	612.01
37161	82.62	15.74	3.00	72.65	-233.16	-1758.11	34.78	-47.03	584.52
37162	83.78	15.49	3.00	54.83	-223.69	-1650.14	26.30	-18.82	553.66
37163	84.90	15.19	3.00	38.25	-213.40	-1538.36	20.36	4.24	520.41
37164	86.01	14.83	3.00	23.44	-202.84	-1424.32	16.69	22.07	485.71
37165	87.08	14.41	3.00	10.76	-192.51	-1309.38	14.89	34.85	450.38
37166	88.12	13.95	3.00	0.38	-182.74	-1194.73	14.53	43.01	415.14
37167	89.12	13.43	3.00	-7.77	-173.74	-1081.40	15.14	47.11	380.58
37168	79.06	17.73	3.00	81.22	-182.17	-2219.45	58.51	-182.09	615.93
37169	80.29	17.65	3.00	67.27	-181.69	-2128.55	47.39	-151.96	602.59
37170	81.50	17.50	3.00	52.98	-179.11	-2026.52	38.06	-122.51	584.41
37171	82.70	17.27	3.00	38.84	-175.07	-1915.27	30.73	-94.76	562.02
37172	83.87	16.97	3.00	25.36	-170.11	-1796.73	25.39	-69.50	536.14
37173	85.03	16.60	3.00	13.02	-164.71	-1672.78	21.93	-47.26	507.53
37174	86.15	16.16	3.00	2.20	-159.31	-1545.25	20.09	-28.32	476.96
37175	87.24	15.66	3.00	-6.84	-154.26	-1415.85	19.57	-12.79	445.17
37176	88.30	15.08	3.00	-13.96	-149.80	-1286.20	19.98	-0.56	412.80
37177	89.31	14.45	3.00	-19.10	-145.95	-1157.76	21.06	8.55	380.38
37178	93.89	9.49	3.00	-18.22	-144.68	-500.47	21.07	30.78	210.62
37179	93.31	10.46	3.00	-20.72	-143.44	-595.03	23.04	28.92	236.62
37180	92.67	11.40	3.00	-23.10	-141.93	-696.65	24.28	25.45	262.89
37181	92.96	9.43	3.00	-15.06	-158.03	-548.88	13.99	60.44	226.11
37182	92.56	10.27	3.00	-16.90	-157.46	-625.56	16.14	55.43	249.06
37183	92.11	11.08	3.00	-18.87	-156.22	-707.56	17.99	49.20	271.93
37184	92.03	9.36	3.00	-10.49	-169.59	-599.85	7.79	86.71	239.76
37185	91.81	10.07	3.00	-11.86	-168.83	-657.59	10.18	79.05	258.95
37186	91.56	10.78	3.00	-13.15	-167.02	-719.34	12.66	70.28	277.94
37187	90.25	13.76	3.00	-22.23	-143.03	-1034.36	22.34	15.04	349.52
37188	90.01	12.90	3.00	-13.30	-166.60	-977.90	16.15	48.53	349.91
37189	89.76	12.05	3.00	-4.56	-182.42	-925.31	9.83	77.77	342.17
37190	91.12	13.03	3.00	-23.90	-141.46	-917.16	23.32	19.64	319.73
37191	90.78	12.36	3.00	-16.67	-161.46	-884.65	17.14	48.54	322.67
37192	90.44	11.69	3.00	-8.92	-175.16	-854.40	11.59	74.04	319.69
37193	91.94	12.25	3.00	-24.05	-140.57	-804.10	24.32	22.53	290.80
37194	91.52	11.78	3.00	-18.72	-156.92	-794.11	18.09	46.97	296.39
37195	91.10	11.32	3.00	-12.46	-169.13	-785.31	13.12	68.75	297.62
37196	89.00	9.42	4.00	19.09	-176.87	-825.15	-7.35	161.96	287.37
37197	89.94	9.38	4.00	5.60	-169.94	-745.64	-4.47	142.94	268.85
37198	90.87	9.34	4.00	-3.92	-161.84	-672.22	-0.46	120.47	250.83
37199	89.18	10.27	4.00	12.49	-176.25	-853.22	-5.58	140.69	305.67
37200	89.99	10.15	4.00	2.24	-168.35	-782.43	-2.45	125.91	285.60
37201	90.80	10.02	4.00	-5.37	-160.14	-715.44	1.16	108.74	266.09
37202	89.34	11.13	4.00	6.37	-171.67	-890.60	-2.49	117.21	320.32
37203	90.03	10.92	4.00	-1.07	-164.31	-825.66	0.32	107.33	300.17
37204	90.71	10.70	4.00	-6.96	-156.85	-763.03	3.37	95.76	280.50
37205	78.96	9.77	4.00	360.75	-216.98	-1822.00	65.40	-25.81	493.45
37206	79.99	9.76	4.00	320.02	-213.88	-1740.80	47.32	29.95	475.81
37207	81.01	9.74	4.00	277.99	-210.79	-1648.21	32.03	78.47	456.45
37208	82.02	9.72	4.00	235.84	-207.70	-1547.10	19.41	118.55	435.87
37209	83.03	9.69	4.00	194.75	-204.57	-1440.44	9.31	149.58	414.52
37210	84.04	9.65	4.00	155.81	-201.26	-1331.12	1.55	171.43	392.77
37211	85.05	9.62	4.00	119.96	-197.64	-1221.75	-4.02	184.37	370.93
37212	86.05	9.57	4.00	87.92	-193.53	-1114.59	-7.56	189.00	349.24
37213	87.04	9.52	4.00	60.25	-188.77	-1011.50	-9.22	186.12	327.87
37214	88.04	9.47	4.00	37.24	-183.17	-913.84	-9.07	176.68	306.95
37215	78.99	11.31	4.00	315.70	-244.30	-1830.27	70.96	-50.78	565.72
37216	80.06	11.28	4.00	279.63	-240.02	-1749.25	50.04	4.30	545.14
37217	81.13	11.23	4.00	241.88	-234.88	-1657.43	32.52	52.33	521.48
37218	82.18	11.16	4.00	203.76	-229.07	-1557.59	18.37	92.01	495.54
37219	83.23	11.07	4.00	166.56	-222.71	-1452.71	7.45	122.75	468.10
37220	84.26	10.97	4.00	131.45	-215.89	-1345.57	-0.47	144.47	439.87
37221	85.28	10.86	4.00	99.39	-208.61	-1238.63	-5.66	157.56	411.42
37222	86.29	10.72	4.00	71.07	-200.90	-1133.87	-8.43	162.70	383.24
37223	87.29	10.58	4.00	46.92	-192.80	-1032.81	-9.11	160.81	355.66
37224	88.28	10.41	4.00	27.21	-184.40	-936.43	-7.98	152.92	328.93

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
37225	79.01	12.86	4.00	266.49	-261.24	-1861.92	73.54	-77.30	617.19
37226	80.13	12.81	4.00	235.88	-256.37	-1780.96	51.61	-25.12	595.51
37227	81.24	12.73	4.00	203.36	-249.59	-1690.00	33.27	20.81	569.51
37228	82.33	12.62	4.00	170.23	-241.33	-1591.49	18.63	59.14	540.22
37229	83.40	12.48	4.00	137.81	-232.02	-1488.12	7.61	89.24	508.69
37230	84.46	12.31	4.00	107.24	-222.00	-1382.37	-0.04	110.99	475.88
37231	85.50	12.12	4.00	79.47	-211.56	-1276.38	-4.68	124.74	442.62
37232	86.52	11.89	4.00	55.13	-200.95	-1171.85	-6.72	131.16	409.58
37233	87.52	11.65	4.00	34.57	-190.38	-1070.06	-6.66	131.11	377.27
37234	88.51	11.37	4.00	17.89	-180.21	-971.83	-5.05	125.61	346.02
37235	79.03	14.40	4.00	215.67	-256.19	-1932.95	71.73	-104.15	642.82
37236	80.19	14.34	4.00	190.60	-251.79	-1850.94	51.01	-57.12	621.90
37237	81.32	14.23	4.00	163.68	-244.67	-1759.27	33.63	-15.00	595.79
37238	82.45	14.09	4.00	136.06	-235.52	-1660.09	19.82	20.87	565.60
37239	83.55	13.89	4.00	108.93	-224.98	-1555.69	9.55	49.78	532.50
37240	84.63	13.66	4.00	83.34	-213.67	-1448.22	2.62	71.51	497.62
37241	85.69	13.39	4.00	60.13	-202.08	-1339.57	-1.36	86.27	461.94
37242	86.73	13.08	4.00	39.87	-190.64	-1231.27	-2.86	94.58	426.30
37243	87.74	12.73	4.00	22.87	-179.67	-1124.54	-2.40	97.22	391.35
37244	88.72	12.34	4.00	9.19	-169.40	-1020.27	-0.57	95.04	357.58
37245	79.04	15.95	4.00	166.26	-223.39	-2046.90	63.75	-129.97	636.79
37246	80.22	15.88	4.00	146.19	-220.44	-1962.56	46.21	-90.26	618.54
37247	81.39	15.75	4.00	124.57	-214.69	-1867.95	31.48	-53.73	594.84
37248	82.54	15.57	4.00	102.34	-206.87	-1765.05	19.81	-21.59	566.70
37249	83.67	15.32	4.00	80.47	-197.74	-1655.93	11.23	5.39	535.23
37250	84.78	15.03	4.00	59.82	-187.95	-1542.58	5.57	26.84	501.54
37251	85.86	14.68	4.00	41.09	-178.08	-1426.81	2.51	42.80	466.63
37252	86.91	14.28	4.00	24.80	-168.58	-1310.22	1.59	53.56	431.41
37253	87.93	13.82	4.00	11.23	-159.78	-1194.19	2.33	59.64	396.58
37254	88.92	13.32	4.00	0.45	-151.85	-1079.86	4.20	61.71	362.70
37255	79.05	17.50	4.00	120.57	-172.42	-2186.95	48.12	-153.01	596.31
37256	80.25	17.43	4.00	104.50	-170.98	-2100.04	34.64	-122.42	582.53
37257	81.44	17.28	4.00	87.32	-167.37	-2001.38	23.43	-93.02	563.87
37258	82.61	17.06	4.00	69.73	-162.27	-1892.95	14.75	-65.84	541.06
37259	83.76	16.77	4.00	52.46	-156.28	-1776.77	8.63	-41.61	514.88
37260	84.90	16.41	4.00	36.21	-149.97	-1654.82	4.93	-20.82	486.17
37261	86.00	15.98	4.00	21.55	-143.84	-1529.04	3.36	-3.67	455.74
37262	87.07	15.48	4.00	8.91	-138.27	-1401.22	3.53	9.84	424.34
37263	88.10	14.93	4.00	-1.45	-133.55	-1273.04	4.98	19.88	392.65
37264	89.10	14.31	4.00	-9.41	-129.74	-1146.00	7.30	26.75	361.19
37265	93.61	9.48	4.00	-16.76	-130.47	-498.55	16.25	37.60	200.99
37266	93.04	10.43	4.00	-18.60	-128.66	-591.07	16.71	37.26	225.05
37267	92.41	11.33	4.00	-20.10	-126.83	-690.48	16.27	35.64	249.50
37268	92.70	9.42	4.00	-14.63	-142.04	-553.14	10.54	66.41	217.42
37269	92.30	10.23	4.00	-15.40	-140.46	-627.82	11.50	62.39	238.21
37270	91.86	11.03	4.00	-16.04	-138.34	-707.44	12.07	57.42	258.91
37271	91.79	9.35	4.00	-10.94	-152.67	-608.57	4.77	94.37	233.49
37272	91.57	10.05	4.00	-11.57	-151.12	-664.28	5.92	87.04	250.42
37273	91.32	10.73	4.00	-11.81	-148.69	-723.69	7.07	79.02	267.17
37274	90.03	13.64	4.00	-14.84	-127.03	-1023.94	9.92	31.08	331.49
37275	89.79	12.80	4.00	-6.97	-145.70	-975.99	6.53	61.30	332.88
37276	89.55	11.97	4.00	-0.13	-161.16	-932.19	1.76	90.14	329.76
37277	90.88	12.93	4.00	-18.28	-125.73	-908.06	12.31	33.63	303.07
37278	90.55	12.27	4.00	-11.71	-141.49	-882.86	8.76	59.71	306.69
37279	90.22	11.62	4.00	-5.76	-155.02	-859.52	4.19	84.99	307.38
37280	91.69	12.17	4.00	-19.82	-125.26	-796.22	14.68	34.62	275.70
37281	91.28	11.71	4.00	-14.77	-137.96	-792.56	10.91	56.68	281.55
37282	90.87	11.26	4.00	-10.21	-150.02	-789.05	6.49	78.48	285.64
37283	67.72	9.45	3.00	808.75	-175.32	-1695.86	410.03	-445.27	441.69
37284	66.77	9.40	3.00	936.32	-141.06	-1644.10	459.49	-427.79	428.49
37285	65.82	9.36	3.00	1121.41	-96.54	-1579.02	525.56	-408.27	410.96
37286	67.56	10.34	3.00	673.55	-144.39	-1744.22	429.90	-419.69	473.66
37287	66.73	10.21	3.00	762.74	-103.20	-1695.42	477.06	-400.46	456.19
37288	65.90	10.07	3.00	882.41	-47.06	-1632.41	542.92	-377.37	434.19
37289	67.41	11.22	3.00	522.83	-103.41	-1810.02	415.94	-389.56	499.58
37290	66.69	11.00	3.00	578.98	-63.92	-1759.96	456.21	-370.16	479.75
37291	65.99	10.77	3.00	656.87	-2.80	-1694.91	504.05	-347.27	457.46
37292	77.93	9.79	3.00	371.77	-241.06	-1777.93	95.35	-115.37	467.69
37293	76.90	9.79	3.00	405.68	-243.77	-1827.22	118.62	-174.59	477.47
37294	75.87	9.77	3.00	437.05	-245.78	-1861.68	144.16	-233.90	484.35
37295	74.84	9.75	3.00	466.31	-246.76	-1880.99	171.71	-290.63	488.12
37296	73.81	9.73	3.00	494.48	-246.26	-1885.54	200.96	-342.19	488.71
37297	72.79	9.69	3.00	523.32	-243.75	-1876.49	231.61	-386.16	486.24
37298	71.76	9.65	3.00	555.46	-238.59	-1855.59	263.45	-420.52	481.00
37299	70.74	9.61	3.00	594.51	-230.05	-1824.98	296.51	-443.82	473.43
37300	69.72	9.55	3.00	645.38	-217.23	-1786.84	331.16	-455.35	464.03
37301	68.71	9.50	3.00	714.80	-198.92	-1742.91	368.41	-455.28	453.16
37302	77.92	11.38	3.00	317.93	-273.56	-1800.53	105.00	-135.31	543.70
37303	76.85	11.36	3.00	346.10	-275.08	-1850.17	130.60	-191.52	552.99
37304	75.78	11.32	3.00	371.48	-274.67	-1885.82	158.24	-247.12	558.00
37305	74.72	11.26	3.00	394.63	-271.95	-1907.28	187.43	-299.40	558.69
37306	73.66	11.18	3.00	416.63	-266.48	-1914.98	217.74	-345.91	555.21
37307	72.61	11.08	3.00	439.22	-257.76	-1909.92	248.84	-384.44	547.90
37308	71.57	10.96	3.00	464.87	-245.21	-1893.51	280.66	-413.26	537.28
37309	70.53	10.82	3.00	496.83	-228.17	-1867.25	313.51	-431.17	523.91
37310	69.50	10.66	3.00	539.41	-205.79	-1832.44	348.39	-437.66	508.33
37311	68.49	10.49	3.00	598.85	-176.86	-1789.53	387.28	-433.03	490.79
37312	77.90	12.97	3.00	259.13	-295.71	-1853.81	109.41	-155.96	607.43
37313	76.79	12.94	3.00	281.59	-295.51	-1905.34	135.24	-207.83	616.01
37314	75.69	12.87	3.00	301.29	-292.07	-1943.73	162.69	-258.42	619.31
37315	74.60	12.77	3.00	318.77	-285.04	-1968.74	191.07	-305.15	617.40
37316	73.51	12.63	3.00	335.04	-274.06	-1980.52	219.88	-345.78	610.55
37317	72.43	12.46	3.00	351.60	-258.75	-1979.58	248.79	-378.34	599.26
37318	71.37	12.26	3.00	370.50	-238.71	-1966.64	277.83	-401.28	584.13
37319	70.32	12.03	3.00	394.24	-213.38	-1942.35	307.53	-413.59	565.81
37320	69.29	11.77	3.00	426.01	-181.79	-1906.94	339.24	-414.84	544.84
37321	68.27	11.48	3.00	469.81	-142.67	-1859.76	376.06	-405.22	521.40
37322	77.88	14.56	3.00	199.24	-290.59	-1956.80	106.42	-176.80	652.82
37323	76.74	14.51	3.00	216.82	-288.35	-2011.54	129.87	-222.85	660.27

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
37324	75.60	14.42	3.00	232.03	-282.07	-2053.28	154.43	-266.94	661.73
37325	74.48	14.27	3.00	245.29	-271.46	-2081.49	179.37	-306.77	657.32
37326	73.36	14.08	3.00	257.35	-256.34	-2095.81	204.17	-340.33	647.41
37327	72.26	13.85	3.00	269.36	-236.59	-2096.11	228.56	-365.93	632.61
37328	71.17	13.57	3.00	282.71	-212.03	-2082.33	252.64	-382.25	613.64
37329	70.11	13.25	3.00	299.05	-182.31	-2054.25	276.98	-388.49	591.28
37330	69.07	12.88	3.00	320.18	-146.69	-2011.34	302.88	-384.39	566.25
37331	68.05	12.48	3.00	348.04	-102.67	-1952.16	332.63	-370.18	539.15
37332	77.86	16.15	3.00	142.64	-249.32	-2114.85	93.85	-196.31	664.89
37333	76.68	16.09	3.00	156.73	-245.53	-2173.34	112.74	-234.39	670.44
37334	75.51	15.96	3.00	169.02	-237.98	-2217.62	132.41	-269.84	669.87
37335	74.36	15.78	3.00	179.72	-226.51	-2246.72	152.29	-300.82	663.42
37336	73.21	15.54	3.00	189.23	-211.09	-2259.82	171.96	-325.72	651.60
37337	72.08	15.23	3.00	198.17	-191.75	-2256.24	191.26	-343.22	635.14
37338	70.98	14.88	3.00	207.30	-168.48	-2235.40	210.27	-352.44	614.91
37339	69.90	14.46	3.00	217.49	-141.08	-2196.68	229.45	-352.92	591.86
37340	68.85	13.99	3.00	229.77	-108.86	-2139.29	249.62	-344.74	566.89
37341	67.83	13.47	3.00	244.88	-70.55	-2062.12	271.98	-328.40	540.79
37342	77.84	17.74	3.00	94.43	-180.27	-2296.55	71.10	-211.43	624.14
37343	76.63	17.66	3.00	106.43	-175.92	-2358.16	84.91	-238.81	627.15
37344	75.43	17.51	3.00	117.09	-168.89	-2403.45	99.49	-263.10	625.18
37345	74.23	17.29	3.00	126.34	-159.01	-2431.10	114.47	-283.17	618.58
37346	73.06	16.99	3.00	134.30	-146.27	-2440.00	129.51	-297.99	607.92
37347	71.91	16.62	3.00	141.16	-130.72	-2429.23	144.41	-306.81	593.96
37348	70.78	16.18	3.00	147.22	-112.36	-2398.04	159.14	-309.20	577.50
37349	69.69	15.67	3.00	152.89	-91.05	-2345.78	173.88	-305.05	559.32
37350	68.63	15.10	3.00	158.75	-66.33	-2271.81	189.05	-294.56	540.06
37351	67.61	14.46	3.00	166.31	-37.13	-2175.21	205.20	-278.19	520.09
37352	63.01	9.50	3.00	2179.52	1022.63	-769.84	1427.32	-344.40	240.00
37353	63.60	10.47	3.00	399.90	435.86	-1304.65	547.62	-124.19	402.13
37354	64.24	11.40	3.00	285.50	213.88	-1546.21	347.00	-174.46	437.59
37355	63.95	9.43	3.00	1702.45	132.25	-1279.54	821.69	-397.06	345.61
37356	64.36	10.28	3.00	910.95	236.00	-1443.42	715.74	-286.30	383.14
37357	64.81	11.10	3.00	448.14	162.37	-1612.11	485.62	-243.86	438.49
37358	64.88	9.37	3.00	1378.35	-13.76	-1479.13	631.12	-393.80	384.19
37359	65.11	10.09	3.00	973.77	45.09	-1555.18	624.53	-344.47	410.34
37360	65.37	10.80	3.00	636.98	76.54	-1643.73	540.10	-308.59	439.13
37361	66.66	13.78	3.00	175.31	-0.48	-2057.85	223.46	-257.30	500.35
37362	66.93	12.93	3.00	263.39	-26.54	-1971.55	297.76	-307.86	516.40
37363	67.20	12.09	3.00	379.61	-56.53	-1887.04	363.56	-350.95	514.60
37364	65.79	13.04	3.00	188.53	43.19	-1918.78	247.05	-233.09	480.66
37365	66.15	12.38	3.00	290.44	20.51	-1869.22	331.37	-285.63	493.46
37366	66.50	11.73	3.00	421.16	-11.48	-1817.63	398.60	-331.53	492.68
37367	64.97	12.26	3.00	204.60	104.08	-1752.89	282.69	-202.83	458.96
37368	65.40	11.80	3.00	331.89	84.30	-1747.03	381.01	-259.81	468.39
37369	65.83	11.34	3.00	474.64	34.92	-1736.48	452.28	-308.39	467.53
37370	67.91	9.43	4.00	762.10	-142.32	-1713.72	388.43	-381.82	465.95
37371	66.97	9.39	4.00	863.35	-106.66	-1650.53	431.57	-335.68	450.60
37372	66.04	9.35	4.00	1011.57	-60.99	-1579.90	488.69	-273.18	435.12
37373	67.74	10.29	4.00	641.80	-112.81	-1747.04	404.54	-363.78	488.72
37374	66.92	10.16	4.00	712.09	-73.32	-1689.12	444.54	-325.05	471.13
37375	66.11	10.03	4.00	807.51	-20.49	-1621.55	499.70	-275.14	453.60
37376	67.58	11.15	4.00	507.16	-75.99	-1794.71	392.96	-344.05	502.37
37377	66.89	10.94	4.00	551.38	-39.94	-1738.75	427.07	-313.56	484.29
37378	66.20	10.71	4.00	613.74	14.77	-1671.79	466.88	-276.20	466.70
37379	77.94	9.77	4.00	398.98	-219.74	-1888.59	86.14	-86.39	508.19
37380	76.92	9.76	4.00	433.94	-222.04	-1938.82	109.41	-149.76	519.70
37381	75.91	9.75	4.00	465.08	-223.60	-1971.23	135.03	-213.11	527.70
37382	74.89	9.73	4.00	492.60	-223.99	-1985.58	162.68	-273.37	531.86
37383	73.88	9.70	4.00	517.34	-222.72	-1982.41	191.91	-327.34	531.97
37384	72.87	9.66	4.00	540.93	-219.18	-1963.18	222.27	-371.98	528.08
37385	71.87	9.63	4.00	565.89	-212.74	-1930.08	253.37	-404.63	520.47
37386	70.87	9.58	4.00	595.54	-202.64	-1885.79	285.04	-423.13	509.66
37387	69.87	9.53	4.00	634.38	-188.00	-1833.12	317.46	-425.92	496.32
37388	68.87	9.48	4.00	688.23	-167.76	-1774.50	351.41	-412.00	481.26
37389	77.92	11.32	4.00	348.84	-247.04	-1896.15	94.76	-110.04	581.42
37390	76.86	11.29	4.00	378.41	-248.07	-1945.89	120.85	-170.56	591.75
37391	75.80	11.24	4.00	403.79	-247.11	-1978.38	148.90	-229.99	596.84
37392	74.75	11.18	4.00	425.40	-243.75	-1993.85	178.35	-285.29	596.60
37393	73.71	11.10	4.00	444.31	-237.52	-1993.03	208.63	-333.50	591.19
37394	72.68	11.00	4.00	462.19	-227.94	-1977.35	239.25	-371.95	581.04
37395	71.66	10.88	4.00	481.48	-214.50	-1948.70	269.98	-398.45	566.80
37396	70.64	10.75	4.00	505.23	-196.64	-1909.16	300.94	-411.38	549.30
37397	69.64	10.60	4.00	537.37	-173.71	-1860.58	332.93	-409.69	529.47
37398	68.65	10.43	4.00	583.30	-144.74	-1804.15	367.56	-392.89	508.26
37399	77.90	12.86	4.00	294.11	-263.43	-1927.99	98.34	-132.72	632.79
37400	76.80	12.82	4.00	318.09	-262.74	-1978.55	125.10	-188.24	641.79
37401	75.71	12.75	4.00	337.88	-258.76	-2012.86	153.29	-241.84	644.32
37402	74.62	12.64	4.00	353.99	-251.17	-2031.17	182.20	-290.76	640.54
37403	73.55	12.51	4.00	367.45	-239.70	-2033.99	211.20	-332.34	630.88
37404	72.50	12.34	4.00	379.79	-224.08	-2022.32	239.84	-364.35	616.04
37405	71.45	12.15	4.00	393.07	-204.03	-1997.41	268.03	-385.02	596.93
37406	70.43	11.92	4.00	409.74	-179.20	-1960.48	296.17	-393.18	574.60
37407	69.42	11.67	4.00	432.76	-148.91	-1912.41	325.41	-388.18	550.11
37408	68.43	11.40	4.00	465.74	-112.21	-1853.46	358.34	-369.90	524.48
37409	77.88	14.41	4.00	237.98	-257.30	-2000.47	95.05	-153.35	657.22
37410	76.74	14.35	4.00	256.92	-254.89	-2052.83	119.99	-201.84	664.64
37411	75.62	14.25	4.00	272.06	-248.41	-2089.62	145.90	-247.87	665.05
37412	74.51	14.11	4.00	283.81	-237.72	-2110.71	172.02	-289.07	658.78
37413	73.41	13.92	4.00	293.00	-222.73	-2116.15	197.71	-323.21	646.42
37414	72.32	13.69	4.00	300.84	-203.42	-2106.33	222.62	-348.49	628.84
37415	71.26	13.42	4.00	308.81	-179.76	-2081.76	246.73	-363.57	607.10
37416	70.22	13.11	4.00	318.68	-151.55	-2042.92	270.49	-367.70	582.36
37417	69.20	12.76	4.00	332.30	-118.20	-1990.05	294.99	-360.57	555.76
37418	68.21	12.36	4.00	351.67	-77.66	-1922.76	322.17	-342.33	528.34
37419	77.86	15.96	4.00	184.09	-223.17	-2116.90	83.45	-170.68	648.85
37420	76.70	15.89	4.00	199.06	-219.55	-2171.52	104.61	-210.20	654.35
37421	75.54	15.77	4.00	210.86	-212.02	-2210.29	126.48	-246.99	653.17
37422	74.40	15.59	4.00	219.71	-200.51	-2232.55	148.39	-279.18	645.72

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
37423	73.27	15.35	4.00	226.12	-185.08	-2237.91	169.78	-305.09	632.67
37424	72.17	15.05	4.00	230.86	-165.85	-2226.19	190.33	-323.40	614.94
37425	71.08	14.70	4.00	234.88	-142.91	-2197.40	210.01	-333.21	593.58
37426	70.03	14.30	4.00	239.34	-116.18	-2151.59	229.13	-334.12	569.72
37427	69.00	13.84	4.00	245.54	-85.09	-2088.65	248.38	-326.14	544.42
37428	68.01	13.34	4.00	254.59	-48.54	-2008.25	268.75	-309.56	518.52
37429	77.85	17.51	4.00	134.99	-171.30	-2259.48	63.48	-183.44	604.91
37430	76.66	17.43	4.00	147.14	-167.41	-2316.22	80.28	-212.45	608.19
37431	75.47	17.28	4.00	156.77	-160.45	-2356.09	97.85	-238.73	606.16
37432	74.30	17.06	4.00	163.85	-150.36	-2378.01	115.60	-261.04	599.22
37433	73.15	16.77	4.00	168.58	-137.20	-2381.19	133.04	-278.33	587.99
37434	72.02	16.41	4.00	171.36	-121.11	-2365.08	149.83	-289.77	573.24
37435	70.92	15.99	4.00	172.70	-102.20	-2329.34	165.84	-294.89	555.85
37436	69.85	15.49	4.00	173.31	-80.45	-2273.77	181.17	-293.52	536.66
37437	68.81	14.94	4.00	174.08	-55.54	-2198.11	196.23	-285.80	516.41
37438	67.81	14.32	4.00	176.71	-26.59	-2101.87	211.58	-272.07	495.55
37439	63.29	9.48	4.00	1897.58	886.83	-823.45	1234.04	24.24	369.45
37440	63.87	10.43	4.00	385.77	400.71	-1282.28	506.11	-104.04	400.10
37441	64.50	11.34	4.00	274.52	209.01	-1502.89	338.10	-170.01	418.48
37442	64.20	9.42	4.00	1500.99	148.01	-1342.71	735.58	-113.89	399.35
37443	64.61	10.24	4.00	823.97	224.74	-1442.46	639.38	-164.51	419.82
37444	65.05	11.04	4.00	430.34	161.14	-1577.73	451.32	-198.09	438.44
37445	65.11	9.35	4.00	1220.83	18.46	-1489.34	578.90	-196.64	419.41
37446	65.34	10.06	4.00	877.44	61.75	-1546.74	566.41	-219.71	438.12
37447	65.59	10.74	4.00	593.09	83.80	-1618.67	496.67	-236.47	450.35
37448	66.88	13.65	4.00	181.19	9.04	-1987.14	228.49	-253.46	475.55
37449	67.13	12.82	4.00	267.83	-7.20	-1917.38	291.40	-287.87	495.54
37450	67.38	11.99	4.00	375.24	-35.67	-1852.74	349.48	-318.46	505.26
37451	66.03	12.94	4.00	190.59	50.99	-1853.35	249.75	-231.08	456.09
37452	66.37	12.28	4.00	290.08	36.23	-1817.93	320.43	-262.97	475.11
37453	66.71	11.64	4.00	408.85	4.98	-1782.03	379.56	-293.12	486.36
37454	65.22	12.17	4.00	204.20	108.54	-1696.21	281.61	-201.70	435.57
37455	65.64	11.72	4.00	325.89	93.84	-1701.80	363.19	-231.87	454.50
37456	66.05	11.27	4.00	453.86	46.62	-1702.30	424.47	-261.45	466.23
37457	88.99	-9.43	4.00	45.62	-151.20	-464.08	-0.87	59.49	-226.32
37458	89.93	-9.39	4.00	33.07	-144.22	-392.01	-3.00	43.72	-209.10
37459	90.86	-9.35	4.00	23.15	-136.78	-323.77	-5.97	25.75	-192.87
37460	89.16	-10.29	4.00	40.06	-147.92	-459.17	-3.93	35.80	-234.68
37461	89.98	-10.16	4.00	30.25	-140.96	-397.41	-5.84	24.25	-217.99
37462	90.79	-10.03	4.00	22.14	-133.97	-338.31	-8.12	11.31	-202.02
37463	89.32	-11.15	4.00	34.45	-141.86	-461.12	-7.51	11.12	-240.52
37464	90.01	-10.94	4.00	27.17	-135.99	-407.88	-8.95	4.13	-225.22
37465	90.70	-10.71	4.00	20.89	-130.02	-356.59	-10.74	-3.73	-210.34
37466	78.96	-9.77	4.00	341.04	-204.40	-1328.79	-67.06	-36.16	-425.57
37467	79.98	-9.76	4.00	302.22	-200.89	-1252.77	-50.44	0.18	-408.35
37468	80.99	-9.75	4.00	263.71	-196.85	-1169.21	-36.51	30.63	-389.43
37469	82.01	-9.73	4.00	226.44	-192.37	-1080.54	-25.12	54.63	-369.33
37470	83.02	-9.70	4.00	191.20	-187.52	-988.89	-16.10	72.05	-348.53
37471	84.03	-9.66	4.00	158.62	-182.33	-896.19	-9.25	83.04	-327.38
37472	85.03	-9.63	4.00	129.15	-176.79	-804.04	-4.36	88.00	-306.21
37473	86.03	-9.58	4.00	103.05	-170.89	-713.71	-1.25	87.48	-285.26
37474	87.03	-9.53	4.00	80.45	-164.63	-626.20	0.26	82.09	-264.74
37475	88.03	-9.48	4.00	61.29	-157.96	-542.16	0.32	72.48	-244.84
37476	78.98	-11.32	4.00	298.93	-215.20	-1288.78	-73.32	-62.23	-457.82
37477	80.04	-11.29	4.00	265.12	-211.09	-1214.31	-55.29	-28.22	-439.04
37478	81.10	-11.24	4.00	231.24	-205.89	-1132.90	-40.25	0.51	-417.92
37479	82.15	-11.18	4.00	198.28	-199.87	-1046.97	-28.10	23.37	-395.19
37480	83.19	-11.10	4.00	167.09	-193.23	-958.55	-18.65	40.17	-371.50
37481	84.22	-11.00	4.00	138.28	-186.12	-869.40	-11.65	51.09	-347.37
37482	85.24	-10.88	4.00	112.31	-178.66	-781.01	-6.83	56.52	-323.26
37483	86.26	-10.75	4.00	89.42	-170.95	-694.49	-3.92	57.01	-299.52
37484	87.26	-10.60	4.00	69.67	-163.10	-610.68	-2.62	53.22	-276.40
37485	88.25	-10.43	4.00	53.07	-155.22	-530.11	-2.74	45.82	-254.12
37486	79.00	-12.86	4.00	254.51	-217.11	-1271.80	-76.31	-89.16	-474.93
37487	80.10	-12.82	4.00	226.11	-212.87	-1198.04	-58.21	-58.69	-455.88
37488	81.19	-12.75	4.00	197.35	-206.96	-1118.01	-43.11	-32.54	-434.02
37489	82.28	-12.64	4.00	169.19	-199.83	-1033.88	-30.97	-11.33	-410.17
37490	83.35	-12.51	4.00	142.45	-191.85	-947.49	-21.62	4.69	-385.08
37491	84.40	-12.34	4.00	117.74	-183.34	-860.41	-14.82	15.62	-359.41
37492	85.45	-12.15	4.00	95.47	-174.54	-773.95	-10.25	21.79	-333.69
37493	86.47	-11.92	4.00	75.88	-165.69	-689.14	-7.58	23.72	-308.36
37494	87.48	-11.67	4.00	59.01	-156.98	-606.73	-6.47	21.99	-283.74
37495	88.47	-11.40	4.00	44.77	-148.69	-527.24	-6.53	17.27	-260.03
37496	79.02	-14.41	4.00	209.81	-202.83	-1287.99	-74.54	-115.83	-473.73
37497	80.16	-14.35	4.00	186.67	-199.25	-1213.16	-57.94	-90.09	-455.77
37498	81.28	-14.25	4.00	163.03	-193.68	-1132.48	-44.06	-67.46	-434.78
37499	82.39	-14.11	4.00	139.78	-186.67	-1047.82	-32.90	-48.55	-411.57
37500	83.49	-13.92	4.00	117.61	-178.71	-960.83	-24.35	-33.67	-386.90
37501	84.58	-13.69	4.00	97.09	-170.23	-872.95	-18.19	-22.82	-361.46
37502	85.64	-13.42	4.00	78.58	-161.61	-785.39	-14.11	-15.76	-335.85
37503	86.68	-13.11	4.00	62.31	-153.12	-699.17	-11.77	-12.10	-310.54
37504	87.70	-12.76	4.00	48.34	-145.02	-615.07	-10.84	-11.33	-285.88
37505	88.69	-12.36	4.00	36.57	-137.46	-533.73	-10.93	-12.91	-262.11
37506	79.04	-15.96	4.00	167.12	-168.65	-1339.74	-66.27	-140.99	-449.80
37507	80.20	-15.89	4.00	148.53	-166.49	-1262.03	-52.60	-121.21	-434.47
37508	81.36	-15.77	4.00	129.53	-162.51	-1178.28	-41.18	-103.13	-416.27
37509	82.50	-15.59	4.00	110.82	-157.24	-1090.21	-32.07	-87.31	-395.86
37510	83.63	-15.35	4.00	92.96	-151.17	-999.39	-25.17	-74.09	-373.91
37511	84.73	-15.05	4.00	76.42	-144.72	-907.26	-20.29	-63.55	-351.04
37512	85.82	-14.70	4.00	61.53	-138.26	-815.10	-17.15	-55.59	-327.80
37513	86.87	-14.30	4.00	48.49	-132.08	-724.03	-15.45	-49.95	-304.64
37514	87.90	-13.84	4.00	37.37	-126.40	-635.00	-14.86	-46.32	-281.90
37515	88.89	-13.34	4.00	28.11	-121.32	-548.82	-15.09	-44.30	-259.82
37516	79.05	-17.51	4.00	128.25	-120.73	-1415.76	-50.30	-163.08	-400.53
37517	80.24	-17.43	4.00	113.24	-120.05	-1334.33	-40.26	-150.35	-389.40
37518	81.43	-17.28	4.00	97.99	-118.21	-1246.08	-32.13	-137.82	-376.11
37519	82.60	-17.06	4.00	83.03	-115.60	-1152.66	-25.91	-125.91	-361.00
37520	83.75	-16.77	4.00	68.83	-112.59	-1055.73	-21.48	-114.92	-344.45
37521	84.88	-16.41	4.00	55.77	-109.53	-956.84	-18.66	-105.04	-326.89

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
37522	85.98	-15.99	4.00	44.14	-106.70	-857.47	-17.17	-96.30	-308.66
37523	87.05	-15.49	4.00	34.09	-104.30	-758.95	-16.72	-88.65	-290.09
37524	88.09	-14.94	4.00	25.70	-102.47	-662.46	-17.02	-81.98	-271.43
37525	89.09	-14.32	4.00	18.97	-101.21	-569.08	-17.82	-76.19	-252.82
37526	93.61	-9.48	4.00	4.90	-110.07	-145.91	-19.37	-40.01	-151.74
37527	93.04	-10.43	4.00	5.26	-107.29	-198.54	-20.44	-47.10	-168.34
37528	92.40	-11.34	4.00	5.74	-104.52	-258.11	-20.91	-54.60	-184.45
37529	92.70	-9.42	4.00	9.11	-119.81	-203.31	-14.60	-17.26	-164.26
37530	92.29	-10.24	4.00	9.71	-117.32	-243.22	-16.08	-26.47	-178.51
37531	91.85	-11.04	4.00	10.22	-114.47	-288.03	-17.30	-35.87	-192.11
37532	91.79	-9.35	4.00	14.88	-128.79	-261.09	-10.02	5.01	-177.62
37533	91.56	-10.06	4.00	15.04	-126.32	-287.14	-11.67	-6.01	-188.82
37534	91.31	-10.74	4.00	15.28	-123.25	-316.71	-13.29	-17.21	-199.50
37535	90.02	-13.65	4.00	13.85	-100.59	-481.76	-18.84	-70.91	-235.18
37536	89.77	-12.82	4.00	21.21	-117.44	-472.35	-15.77	-43.02	-240.49
37537	89.52	-11.99	4.00	28.02	-131.41	-465.87	-11.66	-15.67	-242.63
37538	90.87	-12.94	4.00	10.05	-101.04	-401.28	-19.69	-65.74	-218.00
37539	90.53	-12.28	4.00	16.31	-115.07	-405.71	-16.49	-41.78	-223.45
37540	90.19	-11.64	4.00	22.43	-127.02	-410.93	-12.65	-18.12	-227.02
37541	91.68	-12.17	4.00	7.47	-101.98	-325.79	-20.57	-60.78	-201.08
37542	91.26	-11.72	4.00	12.48	-113.17	-342.32	-17.22	-40.90	-206.90
37543	90.85	-11.27	4.00	17.55	-123.64	-358.23	-13.59	-21.07	-211.77
37544	89.18	-9.45	3.00	46.97	-160.78	-449.49	-4.76	44.95	-225.26
37545	90.13	-9.40	3.00	34.93	-154.21	-380.54	-6.52	31.32	-210.42
37546	91.08	-9.36	3.00	25.25	-147.10	-314.96	-9.18	15.27	-196.50
37547	89.34	-10.34	3.00	40.80	-159.84	-448.91	-8.42	22.35	-237.29
37548	90.17	-10.21	3.00	31.48	-152.74	-389.25	-9.94	12.48	-222.31
37549	91.00	-10.07	3.00	23.64	-145.57	-331.87	-11.87	1.01	-207.89
37550	89.49	-11.22	3.00	34.42	-155.51	-455.41	-12.82	-1.51	-247.21
37551	90.21	-11.00	3.00	27.68	-149.11	-403.19	-13.82	-7.26	-232.69
37552	90.91	-10.77	3.00	21.75	-142.59	-352.54	-15.19	-14.01	-218.52
37553	78.97	-9.79	3.00	324.10	-212.76	-1265.00	-76.23	-67.50	-398.62
37554	80.00	-9.79	3.00	287.66	-209.00	-1193.32	-59.41	-31.88	-384.06
37555	81.03	-9.77	3.00	251.70	-204.77	-1115.00	-45.06	-1.26	-367.86
37556	82.06	-9.75	3.00	216.95	-200.19	-1031.97	-33.12	23.68	-350.50
37557	83.09	-9.73	3.00	184.06	-195.34	-946.08	-23.48	42.68	-332.38
37558	84.11	-9.69	3.00	153.59	-190.23	-859.01	-15.98	55.75	-313.86
37559	85.14	-9.65	3.00	125.93	-184.88	-772.21	-10.45	63.13	-295.26
37560	86.16	-9.61	3.00	101.36	-179.27	-686.86	-6.71	65.23	-276.83
37561	87.18	-9.55	3.00	80.01	-173.38	-603.89	-4.61	62.52	-258.81
37562	88.19	-9.50	3.00	61.86	-167.12	-523.96	-4.02	55.53	-241.39
37563	78.98	-11.38	3.00	279.81	-228.61	-1236.63	-83.89	-90.20	-434.04
37564	80.05	-11.36	3.00	248.52	-224.30	-1166.03	-65.86	-57.35	-418.10
37565	81.12	-11.32	3.00	217.43	-218.95	-1089.40	-50.45	-28.72	-399.99
37566	82.18	-11.26	3.00	187.25	-212.79	-1008.57	-37.70	-5.12	-380.31
37567	83.24	-11.18	3.00	158.62	-206.02	-925.24	-27.50	13.13	-359.59
37568	84.29	-11.08	3.00	132.11	-198.78	-840.98	-19.69	26.00	-338.32
37569	85.33	-10.96	3.00	108.11	-191.19	-757.12	-14.04	33.73	-316.90
37570	86.37	-10.82	3.00	86.88	-183.35	-674.71	-10.33	36.69	-295.68
37571	87.40	-10.66	3.00	68.50	-175.35	-594.56	-8.29	35.37	-274.91
37572	88.41	-10.49	3.00	53.00	-167.30	-517.18	-7.75	30.34	-254.82
37573	79.00	-12.97	3.00	232.82	-236.07	-1234.92	-87.95	-114.71	-460.25
37574	80.11	-12.94	3.00	206.97	-231.56	-1164.07	-70.00	-85.29	-443.56
37575	81.21	-12.87	3.00	181.14	-225.38	-1087.75	-54.61	-59.17	-424.33
37576	82.30	-12.77	3.00	155.95	-217.92	-1007.63	-41.90	-37.25	-403.20
37577	83.39	-12.63	3.00	132.00	-209.53	-925.24	-31.78	-19.87	-380.77
37578	84.47	-12.46	3.00	109.82	-200.51	-841.95	-24.10	-7.13	-357.60
37579	85.53	-12.26	3.00	89.77	-191.12	-758.96	-18.62	1.15	-334.15
37580	86.58	-12.03	3.00	72.08	-181.59	-677.20	-15.07	5.30	-310.83
37581	87.61	-11.77	3.00	56.80	-172.11	-597.38	-13.14	5.75	-287.93
37582	88.63	-11.48	3.00	43.84	-163.02	-520.00	-12.44	3.05	-265.67
37583	79.02	-14.56	3.00	185.61	-224.17	-1272.34	-86.80	-140.74	-473.60
37584	80.16	-14.51	3.00	164.94	-220.32	-1198.91	-70.60	-115.49	-457.02
37585	81.30	-14.42	3.00	144.27	-214.41	-1120.20	-56.66	-92.55	-437.64
37586	82.42	-14.27	3.00	124.10	-206.96	-1037.78	-45.13	-72.75	-416.11
37587	83.54	-14.08	3.00	104.94	-198.41	-953.03	-35.97	-56.51	-393.03
37588	84.64	-13.85	3.00	87.21	-189.19	-867.21	-29.02	-43.96	-369.00
37589	85.73	-13.57	3.00	71.22	-179.70	-781.43	-24.06	-35.02	-344.54
37590	86.79	-13.25	3.00	57.15	-170.24	-696.60	-20.80	-29.41	-320.09
37591	87.83	-12.88	3.00	45.02	-161.12	-613.47	-18.94	-26.78	-296.03
37592	88.85	-12.48	3.00	34.72	-152.53	-532.62	-18.12	-26.64	-272.61
37593	79.04	-16.15	3.00	140.94	-186.71	-1352.93	-78.13	-167.28	-464.13
37594	80.22	-16.09	3.00	124.63	-184.58	-1274.18	-65.28	-147.39	-449.18
37595	81.39	-15.96	3.00	108.45	-180.64	-1189.71	-54.28	-128.64	-431.47
37596	82.54	-15.78	3.00	92.78	-175.33	-1101.09	-45.19	-111.73	-411.52
37597	83.69	-15.54	3.00	77.98	-169.09	-1009.73	-37.98	-97.08	-389.90
37598	84.82	-15.23	3.00	64.36	-162.35	-916.97	-32.50	-84.87	-367.18
37599	85.92	-14.88	3.00	52.16	-155.46	-824.00	-28.53	-75.12	-343.88
37600	87.00	-14.46	3.00	41.48	-148.74	-731.89	-25.84	-67.67	-320.44
37601	88.05	-13.99	3.00	32.36	-142.42	-641.60	-24.16	-62.27	-297.23
37602	89.07	-13.47	3.00	24.69	-136.63	-553.94	-23.22	-58.58	-274.54
37603	79.06	-17.74	3.00	102.22	-128.35	-1457.30	-60.13	-191.86	-418.22
37604	80.27	-17.66	3.00	88.98	-128.44	-1372.02	-51.46	-179.01	-407.42
37605	81.47	-17.51	3.00	76.00	-127.48	-1280.07	-44.36	-165.88	-394.43
37606	82.67	-17.29	3.00	63.64	-125.74	-1183.11	-38.74	-152.97	-379.53
37607	83.84	-16.99	3.00	52.17	-123.55	-1082.77	-34.50	-140.65	-363.06
37608	84.99	-16.62	3.00	41.84	-121.19	-980.60	-31.47	-129.17	-345.39
37609	86.12	-16.18	3.00	32.78	-118.91	-878.03	-29.44	-118.65	-326.85
37610	87.21	-15.67	3.00	25.07	-116.89	-776.42	-28.19	-109.13	-307.77
37611	88.27	-15.10	3.00	18.71	-115.24	-676.99	-27.47	-100.56	-288.41
37612	89.29	-14.46	3.00	13.66	-113.98	-580.87	-27.14	-92.92	-268.92
37613	93.89	-9.50	3.00	4.25	-120.93	-144.84	-22.01	-47.81	-160.78
37614	93.30	-10.47	3.00	4.15	-118.72	-199.34	-24.05	-56.11	-178.71
37615	92.66	-11.40	3.00	4.02	-116.36	-261.12	-25.62	-65.04	-196.11
37616	92.95	-9.43	3.00	10.26	-130.57	-198.04	-17.24	-24.73	-172.25
37617	92.54	-10.28	3.00	10.22	-129.02	-239.83	-19.43	-34.75	-188.09
37618	92.09	-11.10	3.00	9.93	-126.99	-286.79	-21.45	-45.17	-203.25
37619	92.02	-9.37	3.00	16.80	-139.37	-254.45	-12.98	-3.70	-183.55
37620	91.79	-10.09	3.00	16.41	-137.87	-282.31	-15.21	-15.00	-196.50

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
37621	91.53	-10.80	3.00	15.94	-135.62	-313.82	-17.54	-26.77	-208.90
37622	90.24	-13.78	3.00	9.85	-113.23	-491.06	-27.00	-85.91	-250.33
37623	89.97	-12.93	3.00	18.91	-132.09	-475.91	-22.77	-55.83	-254.53
37624	89.70	-12.09	3.00	27.18	-145.64	-464.86	-18.04	-28.03	-253.26
37625	91.11	-13.04	3.00	7.00	-113.47	-408.33	-26.70	-79.14	-232.08
37626	90.75	-12.38	3.00	14.78	-129.08	-407.72	-22.50	-53.34	-236.71
37627	90.40	-11.73	3.00	22.21	-140.63	-409.63	-18.34	-29.39	-237.57
37628	91.93	-12.26	3.00	5.10	-114.12	-330.87	-26.46	-72.70	-214.01
37629	91.50	-11.80	3.00	11.49	-126.51	-342.90	-22.29	-51.35	-219.33
37630	91.07	-11.34	3.00	17.71	-136.66	-356.52	-18.56	-31.39	-222.11
37631	67.90	-9.42	4.00	797.83	-117.50	-1357.36	-384.14	-281.10	-408.79
37632	66.97	-9.38	4.00	903.23	-81.93	-1302.74	-428.66	-237.86	-395.47
37633	66.03	-9.34	4.00	1055.65	-37.09	-1238.15	-487.87	-179.10	-382.65
37634	67.72	-10.27	4.00	679.39	-84.36	-1355.97	-400.27	-260.12	-420.69
37635	66.91	-10.15	4.00	752.57	-45.88	-1308.28	-442.26	-224.06	-407.34
37636	66.10	-10.02	4.00	850.62	5.78	-1249.54	-499.90	-177.53	-394.25
37637	67.56	-11.13	4.00	543.63	-44.93	-1366.89	-388.90	-238.76	-424.96
37638	66.87	-10.92	4.00	589.57	-10.34	-1323.92	-425.10	-210.55	-412.65
37639	66.19	-10.70	4.00	653.47	43.10	-1269.30	-467.07	-176.06	-400.84
37640	77.94	-9.77	4.00	379.41	-207.25	-1395.63	-86.45	-77.31	-440.51
37641	76.91	-9.76	4.00	416.54	-209.09	-1450.67	-108.53	-121.89	-452.45
37642	75.89	-9.74	4.00	451.55	-209.71	-1492.06	-133.03	-167.62	-461.01
37643	74.88	-9.72	4.00	484.33	-208.76	-1518.81	-159.61	-212.02	-465.83
37644	73.87	-9.69	4.00	515.38	-205.85	-1530.73	-187.88	-252.43	-466.75
37645	72.86	-9.65	4.00	545.91	-200.51	-1528.38	-217.43	-286.14	-463.80
37646	71.85	-9.62	4.00	577.99	-192.24	-1512.99	-247.94	-310.68	-457.28
37647	70.85	-9.57	4.00	614.56	-180.46	-1486.28	-279.29	-323.87	-447.70
37648	69.86	-9.52	4.00	659.77	-164.44	-1450.15	-311.75	-323.99	-435.78
37649	68.86	-9.47	4.00	719.21	-143.24	-1406.32	-346.14	-309.73	-422.35
37650	77.91	-11.31	4.00	332.29	-217.99	-1355.39	-94.46	-100.53	-473.51
37651	76.84	-11.28	4.00	364.42	-218.88	-1410.78	-118.33	-141.34	-485.24
37652	75.77	-11.23	4.00	394.08	-217.69	-1453.27	-144.39	-182.37	-492.66
37653	74.72	-11.16	4.00	421.31	-214.00	-1482.08	-172.17	-221.20	-495.55
37654	73.67	-11.07	4.00	446.73	-207.41	-1497.24	-201.17	-255.39	-493.95
37655	72.64	-10.97	4.00	471.59	-197.55	-1499.36	-230.99	-282.63	-488.14
37656	71.62	-10.86	4.00	497.86	-183.96	-1489.48	-261.44	-300.89	-478.64
37657	70.61	-10.72	4.00	528.18	-166.18	-1468.83	-292.69	-308.53	-466.15
37658	69.61	-10.58	4.00	566.17	-143.61	-1438.57	-325.50	-304.34	-451.48
37659	68.62	-10.41	4.00	617.04	-115.32	-1399.33	-361.51	-287.48	-435.54
37660	77.89	-12.86	4.00	282.32	-219.41	-1338.54	-97.53	-123.06	-490.50
37661	76.77	-12.81	4.00	308.81	-219.06	-1394.87	-121.32	-158.52	-501.69
37662	75.66	-12.73	4.00	332.75	-215.73	-1439.30	-146.90	-193.43	-508.04
37663	74.57	-12.62	4.00	354.20	-209.03	-1471.10	-173.73	-225.60	-509.46
37664	73.50	-12.48	4.00	373.76	-198.67	-1490.18	-201.29	-252.94	-506.16
37665	72.44	-12.31	4.00	392.52	-184.38	-1496.86	-229.22	-273.55	-498.56
37666	71.40	-12.12	4.00	412.07	-165.86	-1491.66	-257.46	-285.86	-487.34
37667	70.38	-11.89	4.00	434.47	-142.73	-1475.16	-286.39	-288.66	-473.26
37668	69.38	-11.65	4.00	462.39	-114.26	-1447.69	-317.08	-281.16	-457.19
37669	68.39	-11.37	4.00	499.33	-79.44	-1409.01	-352.04	-262.90	-440.00
37670	77.87	-14.40	4.00	232.26	-204.15	-1356.00	-93.91	-143.89	-488.17
37671	76.72	-14.34	4.00	253.35	-202.52	-1414.08	-115.52	-172.53	-498.33
37672	75.58	-14.23	4.00	272.06	-197.41	-1460.94	-138.51	-200.02	-503.63
37673	74.45	-14.09	4.00	288.42	-188.57	-1495.69	-162.34	-224.56	-504.08
37674	73.35	-13.89	4.00	302.83	-175.82	-1517.93	-186.52	-244.48	-499.99
37675	72.27	-13.66	4.00	316.09	-159.03	-1527.48	-210.77	-258.31	-491.88
37676	71.21	-13.39	4.00	329.28	-138.06	-1524.30	-235.07	-264.91	-480.44
37677	70.17	-13.08	4.00	343.79	-112.58	-1508.32	-259.80	-263.52	-466.49
37678	69.16	-12.73	4.00	361.24	-81.89	-1479.30	-285.92	-253.70	-450.86
37679	68.18	-12.34	4.00	383.47	-43.85	-1436.43	-315.24	-235.24	-434.34
37680	77.86	-15.95	4.00	185.03	-168.70	-1410.08	-82.17	-161.75	-461.97
37681	76.68	-15.88	4.00	201.66	-166.08	-1470.50	-99.94	-182.22	-470.44
37682	75.51	-15.75	4.00	216.26	-160.24	-1519.58	-118.84	-201.12	-474.70
37683	74.36	-15.57	4.00	228.76	-150.99	-1556.24	-138.41	-217.16	-474.84
37684	73.23	-15.32	4.00	239.33	-138.28	-1579.69	-158.25	-229.14	-471.20
37685	72.12	-15.03	4.00	248.37	-122.06	-1589.32	-178.10	-236.10	-464.29
37686	71.04	-14.68	4.00	256.51	-102.23	-1584.63	-197.91	-237.34	-454.78
37687	69.99	-14.28	4.00	264.59	-78.57	-1565.16	-217.91	-232.45	-443.36
37688	68.97	-13.82	4.00	273.72	-50.39	-1530.35	-238.63	-221.33	-430.71
37689	67.98	-13.32	4.00	284.85	-16.47	-1479.38	-260.91	-204.01	-417.44
37690	77.85	-17.50	4.00	142.71	-119.87	-1488.74	-62.09	-175.39	-409.29
37691	76.65	-17.43	4.00	156.02	-116.99	-1551.33	-75.49	-186.68	-415.44
37692	75.46	-17.28	4.00	167.69	-111.72	-1601.93	-90.06	-196.21	-418.81
37693	74.29	-17.06	4.00	177.54	-103.95	-1639.27	-105.42	-203.25	-419.57
37694	73.14	-16.77	4.00	185.47	-93.57	-1662.22	-121.23	-207.17	-418.01
37695	72.00	-16.41	4.00	191.60	-80.54	-1669.82	-137.20	-207.47	-414.53
37696	70.90	-15.98	4.00	196.16	-64.77	-1661.26	-153.20	-203.86	-409.57
37697	69.83	-15.48	4.00	199.59	-46.05	-1635.82	-169.25	-196.24	-403.54
37698	68.80	-14.93	4.00	202.62	-23.93	-1592.77	-185.62	-184.68	-396.80
37699	67.80	-14.31	4.00	206.88	2.56	-1531.08	-202.70	-169.38	-389.48
37700	63.29	-9.48	4.00	1963.99	910.88	-475.95	-1249.32	122.34	-349.68
37701	63.86	-10.43	4.00	416.56	424.56	-891.30	-509.27	-10.18	-357.45
37702	64.49	-11.33	4.00	305.44	232.89	-1076.83	-337.88	-74.74	-362.38
37703	64.20	-9.42	4.00	1556.79	168.57	-995.92	-743.11	-25.19	-356.53
37704	64.60	-10.23	4.00	866.51	250.48	-1062.09	-645.90	-71.13	-368.31
37705	65.04	-11.03	4.00	464.01	187.76	-1163.53	-452.97	-101.14	-378.49
37706	65.11	-9.35	4.00	1269.95	40.96	-1148.63	-581.39	-106.13	-370.43
37707	65.33	-10.05	4.00	922.26	87.09	-1174.94	-569.68	-124.90	-382.62
37708	65.58	-10.73	4.00	632.01	111.43	-1216.22	-498.69	-138.42	-387.81
37709	66.87	-13.64	4.00	212.17	36.19	-1451.85	-221.60	-151.06	-382.40
37710	67.11	-12.80	4.00	299.23	22.79	-1417.19	-285.65	-183.30	-405.79
37711	67.35	-11.97	4.00	408.79	-3.89	-1388.26	-344.70	-212.73	-420.45
37712	66.02	-12.93	4.00	221.73	76.50	-1353.90	-244.86	-130.40	-375.39
37713	66.35	-12.27	4.00	322.10	64.59	-1345.15	-316.82	-160.48	-395.62
37714	66.68	-11.62	4.00	443.58	35.20	-1336.41	-376.88	-189.47	-409.23
37715	65.21	-12.17	4.00	234.99	132.64	-1232.99	-278.95	-103.69	-367.06
37716	65.62	-11.71	4.00	358.25	120.93	-1256.55	-361.83	-132.25	-385.04
37717	66.03	-11.26	4.00	489.57	75.36	-1275.33	-424.12	-160.66	-396.93
37718	67.71	-9.43	3.00	846.34	-141.33	-1351.88	-404.67	-350.39	-387.21
37719	66.76	-9.39	3.00	977.07	-107.78	-1305.37	-455.56	-334.62	-374.73

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
37720	65.81	-9.35	3.00	1164.65	-64.80	-1243.25	-523.80	-317.96	-358.78
37721	67.52	-10.30	3.00	716.48	-106.26	-1361.96	-426.03	-320.40	-405.64
37722	66.69	-10.18	3.00	807.80	-66.87	-1320.67	-475.29	-302.97	-391.51
37723	65.87	-10.05	3.00	928.97	-12.89	-1264.19	-543.70	-282.79	-373.44
37724	67.35	-11.18	3.00	565.34	-62.37	-1387.30	-413.92	-286.79	-419.84
37725	66.65	-10.97	3.00	622.51	-25.09	-1348.25	-456.36	-269.21	-405.48
37726	65.96	-10.74	3.00	700.92	33.68	-1294.27	-506.45	-249.01	-388.94
37727	77.93	-9.79	3.00	360.55	-215.96	-1328.58	-95.65	-107.41	-411.17
37728	76.89	-9.78	3.00	396.54	-218.25	-1382.13	-117.71	-150.37	-421.06
37729	75.85	-9.76	3.00	431.42	-219.49	-1423.81	-142.08	-194.16	-428.06
37730	74.81	-9.74	3.00	465.37	-219.36	-1452.88	-168.49	-236.73	-431.95
37731	73.78	-9.71	3.00	499.10	-217.53	-1469.24	-196.68	-275.92	-432.67
37732	72.76	-9.67	3.00	534.06	-213.57	-1473.33	-226.38	-309.62	-430.33
37733	71.73	-9.63	3.00	572.50	-206.99	-1466.16	-257.47	-335.97	-425.25
37734	70.71	-9.59	3.00	617.69	-197.21	-1449.09	-290.04	-353.58	-417.88
37735	69.70	-9.54	3.00	674.19	-183.46	-1423.55	-324.56	-361.63	-408.73
37736	68.69	-9.48	3.00	748.50	-164.67	-1390.64	-362.11	-360.12	-398.24
37737	77.90	-11.37	3.00	311.19	-231.62	-1300.44	-104.88	-127.04	-447.37
37738	76.80	-11.34	3.00	342.16	-232.94	-1355.40	-128.69	-166.44	-457.43
37739	75.72	-11.29	3.00	371.69	-232.31	-1399.06	-154.62	-205.80	-463.89
37740	74.64	-11.22	3.00	400.01	-229.35	-1430.91	-182.29	-243.18	-466.61
37741	73.58	-11.13	3.00	427.92	-223.70	-1450.97	-211.37	-276.58	-465.67
37742	72.53	-11.03	3.00	456.81	-214.93	-1459.72	-241.62	-304.16	-461.36
37743	71.49	-10.91	3.00	488.78	-202.57	-1457.92	-273.02	-324.39	-454.10
37744	70.46	-10.77	3.00	526.72	-186.02	-1446.47	-305.98	-336.21	-444.38
37745	69.44	-10.62	3.00	574.61	-164.55	-1426.07	-341.53	-339.07	-432.65
37746	68.44	-10.45	3.00	638.48	-137.00	-1396.73	-381.66	-333.14	-419.15
37747	77.88	-12.96	3.00	258.61	-238.61	-1299.84	-108.91	-147.44	-473.99
37748	76.74	-12.91	3.00	283.86	-238.68	-1356.87	-132.55	-181.95	-484.16
37749	75.61	-12.82	3.00	307.55	-235.81	-1403.42	-157.91	-215.69	-490.25
37750	74.50	-12.71	3.00	329.88	-229.64	-1439.00	-184.55	-246.91	-492.23
37751	73.40	-12.57	3.00	351.57	-219.82	-1463.46	-212.10	-273.85	-490.28
37752	72.33	-12.40	3.00	373.78	-206.02	-1476.93	-240.34	-294.92	-484.73
37753	71.27	-12.20	3.00	398.17	-187.80	-1479.68	-269.37	-308.87	-476.03
37754	70.22	-11.97	3.00	426.92	-164.61	-1471.86	-299.76	-314.82	-464.65
37755	69.20	-11.71	3.00	462.89	-135.46	-1453.29	-332.87	-312.38	-450.98
37756	68.20	-11.43	3.00	509.92	-99.07	-1423.07	-371.75	-301.63	-435.11
37757	77.86	-14.55	3.00	206.08	-225.71	-1340.02	-105.66	-168.23	-487.10
37758	76.68	-14.48	3.00	225.95	-224.32	-1400.13	-126.78	-196.50	-496.91
37759	75.52	-14.37	3.00	244.40	-219.35	-1450.18	-149.13	-223.38	-502.43
37760	74.37	-14.22	3.00	261.58	-210.54	-1489.46	-172.30	-247.38	-503.69
37761	73.25	-14.02	3.00	277.97	-197.67	-1517.41	-195.93	-266.97	-500.89
37762	72.15	-13.79	3.00	294.36	-180.55	-1533.61	-219.83	-280.86	-494.42
37763	71.07	-13.51	3.00	311.84	-158.92	-1537.65	-244.15	-288.05	-484.75
37764	70.01	-13.18	3.00	331.74	-132.32	-1528.98	-269.43	-287.90	-472.41
37765	68.98	-12.82	3.00	355.61	-99.87	-1506.77	-296.90	-280.18	-457.86
37766	67.98	-12.43	3.00	385.19	-59.03	-1469.40	-328.79	-264.95	-441.45
37767	77.84	-16.14	3.00	157.11	-186.73	-1425.17	-93.02	-188.01	-476.08
37768	76.64	-16.07	3.00	172.74	-184.07	-1489.12	-109.64	-208.36	-484.57
37769	75.45	-15.93	3.00	187.31	-178.13	-1542.42	-127.21	-226.81	-489.06
37770	74.28	-15.74	3.00	200.79	-168.76	-1584.01	-145.43	-242.16	-489.64
37771	73.12	-15.49	3.00	213.37	-155.88	-1612.86	-164.03	-253.29	-486.62
37772	72.00	-15.19	3.00	225.38	-139.39	-1628.05	-182.88	-259.27	-480.43
37773	70.89	-14.83	3.00	237.31	-119.16	-1628.69	-202.10	-259.48	-471.63
37774	69.82	-14.41	3.00	249.83	-94.88	-1613.85	-222.08	-253.62	-460.80
37775	68.78	-13.95	3.00	263.79	-65.71	-1582.42	-243.51	-241.74	-448.50
37776	67.78	-13.43	3.00	279.82	-30.27	-1533.03	-267.46	-224.15	-435.22
37777	77.84	-17.73	3.00	115.47	-126.90	-1534.47	-70.29	-203.86	-426.69
37778	76.61	-17.65	3.00	128.32	-123.57	-1601.71	-81.80	-214.40	-432.61
37779	75.40	-17.50	3.00	140.39	-117.99	-1657.05	-94.38	-222.71	-435.84
37780	74.20	-17.27	3.00	151.50	-110.10	-1699.09	-107.78	-228.05	-436.63
37781	73.03	-16.97	3.00	161.53	-99.76	-1726.47	-121.80	-229.83	-435.29
37782	71.87	-16.60	3.00	170.46	-86.88	-1737.97	-136.29	-227.64	-432.23
37783	70.75	-16.16	3.00	178.39	-71.31	-1732.49	-151.20	-221.24	-427.89
37784	69.66	-15.66	3.00	185.54	-52.77	-1709.01	-166.66	-210.63	-422.66
37785	68.60	-15.08	3.00	192.38	-30.68	-1666.48	-183.00	-196.01	-416.84
37786	67.59	-14.45	3.00	200.39	-3.88	-1603.58	-200.58	-177.71	-410.48
37787	63.01	-9.49	3.00	2233.18	1050.23	-437.26	-1441.38	-248.00	-220.63
37788	63.59	-10.46	3.00	432.14	462.75	-920.67	-553.58	-31.72	-360.42
37789	64.23	-11.40	3.00	316.89	241.48	-1120.84	-349.39	-80.12	-380.03
37790	63.94	-9.43	3.00	1750.43	158.70	-938.81	-827.14	-309.15	-304.20
37791	64.34	-10.27	3.00	956.15	267.58	-1064.18	-723.37	-194.45	-330.83
37792	64.79	-11.08	3.00	484.07	195.64	-1197.28	-489.19	-147.71	-376.33
37793	64.87	-9.36	3.00	1423.43	15.70	-1141.88	-632.62	-306.38	-335.04
37794	65.09	-10.07	3.00	1020.80	77.01	-1185.45	-628.71	-252.25	-353.24
37795	65.34	-10.78	3.00	679.46	111.52	-1241.83	-544.42	-212.29	-374.36
37796	66.65	-13.76	3.00	209.17	30.67	-1521.23	-220.53	-156.79	-403.87
37797	66.89	-12.90	3.00	298.57	11.31	-1470.08	-294.97	-204.26	-422.56
37798	67.14	-12.05	3.00	417.63	-15.61	-1424.24	-361.84	-246.66	-426.20
37799	65.78	-13.03	3.00	221.65	72.59	-1417.97	-245.69	-133.97	-397.00
37800	66.12	-12.36	3.00	325.55	56.38	-1394.77	-330.38	-183.88	-410.31
37801	66.46	-11.69	3.00	459.66	27.28	-1372.64	-398.97	-229.12	-412.20
37802	64.96	-12.25	3.00	236.59	131.69	-1289.04	-283.14	-106.11	-388.10
37803	65.38	-11.78	3.00	366.73	118.56	-1300.32	-381.93	-160.77	-395.86
37804	65.80	-11.32	3.00	513.60	71.69	-1309.70	-454.79	-208.71	-395.13
37805	79.04	1.65	1.75	428.53	-135.28	-1464.37	14.69	-40.76	13.82
37806	79.04	0.55	1.75	430.69	-133.67	-1439.39	5.17	-39.89	-30.64
37807	79.04	-0.55	1.75	429.63	-134.16	-1413.07	-4.39	-40.55	-72.69
37808	79.04	-1.65	1.75	425.40	-136.53	-1385.79	-14.00	-42.73	-112.64
37809	80.21	1.65	1.75	371.06	-133.80	-1373.56	12.72	16.92	12.55
37810	80.22	0.55	1.75	372.66	-132.19	-1348.15	5.54	16.88	-30.23
37811	80.22	-0.55	1.75	371.73	-132.61	-1322.12	-1.79	14.99	-70.61
37812	80.21	-1.65	1.75	368.31	-134.82	-1295.87	-9.24	11.32	-108.96
37813	81.38	1.65	1.75	316.03	-132.70	-1272.80	11.05	66.01	12.28
37814	81.39	0.55	1.75	317.30	-130.97	-1247.23	5.86	65.02	-28.75
37815	81.39	-0.55	1.75	316.61	-131.23	-1221.79	0.45	61.98	-67.47
37816	81.38	-1.65	1.75	314.02	-133.27	-1196.84	-5.17	56.99	-104.21
37817	82.56	1.65	1.75	264.21	-132.04	-1165.10	9.52	105.86	12.95
37818	82.57	0.55	1.75	265.33	-130.10	-1139.63	6.01	103.95	-26.30

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
37819	82.57	-0.55	1.75	265.00	-130.15	-1115.02	2.22	99.89	-63.36
37820	82.56	-1.65	1.75	263.24	-131.98	-1091.61	-1.84	93.79	-98.54
37821	83.73	1.65	1.75	216.27	-131.89	-1053.25	7.99	136.26	14.43
37822	83.75	0.55	1.75	217.41	-129.67	-1028.08	5.90	133.52	-23.03
37823	83.75	-0.55	1.75	217.51	-129.45	-1004.50	3.46	128.59	-58.45
37824	83.73	-1.65	1.75	216.58	-131.04	-982.77	0.71	121.60	-92.10
37825	84.91	1.65	1.75	172.77	-132.29	-939.72	6.37	157.35	16.55
37826	84.93	0.55	1.75	174.06	-129.75	-915.00	5.44	153.90	-19.12
37827	84.93	-0.55	1.75	174.63	-129.21	-892.55	4.13	148.28	-52.90
37828	84.91	-1.65	1.75	174.48	-130.50	-872.59	2.46	140.64	-85.07
37829	86.08	1.65	1.75	134.14	-133.24	-826.69	4.63	169.52	19.13
37830	86.11	0.55	1.75	135.66	-130.34	-802.48	4.61	165.49	-14.75
37831	86.11	-0.55	1.75	136.71	-129.46	-781.21	4.21	159.36	-46.93
37832	86.08	-1.65	1.75	137.28	-130.42	-763.02	3.43	151.31	-77.62
37833	87.25	1.65	1.75	100.68	-134.70	-716.02	2.77	173.37	21.97
37834	87.28	0.55	1.75	102.47	-131.46	-692.29	3.43	168.89	-10.13
37835	87.28	-0.55	1.75	103.98	-130.21	-672.14	3.73	162.44	-40.72
37836	87.25	-1.65	1.75	105.18	-130.81	-655.65	3.65	154.19	-69.98
37837	88.43	1.65	1.75	72.54	-136.61	-609.24	0.84	169.66	24.92
37838	88.46	0.55	1.75	74.61	-133.06	-585.87	1.97	164.84	-5.45
37839	88.46	-0.55	1.75	76.53	-131.43	-566.71	2.76	158.22	-34.47
37840	88.43	-1.65	1.75	78.25	-131.64	-551.79	3.20	149.96	-62.32
37841	89.60	1.65	1.75	49.73	-138.86	-507.53	-1.06	159.24	27.86
37842	89.64	0.55	1.75	52.06	-135.04	-484.35	0.32	154.15	-0.85
37843	89.64	-0.55	1.75	54.30	-133.06	-465.98	1.41	147.49	-28.37
37844	89.60	-1.65	1.75	56.42	-132.87	-452.41	2.17	139.38	-54.86
37845	90.78	1.65	1.75	32.09	-141.28	-411.77	-2.77	143.02	30.72
37846	90.82	0.55	1.75	34.62	-137.27	-388.52	-1.38	137.71	3.55
37847	90.82	-0.55	1.75	37.10	-134.99	-370.67	-0.20	131.08	-22.55
37848	90.78	-1.65	1.75	39.48	-134.38	-358.18	0.70	123.23	-47.76
37849	91.95	1.65	1.75	19.24	-143.67	-322.47	-4.13	121.93	33.46
37850	92.00	0.55	1.75	21.90	-139.57	-298.83	-2.93	116.41	7.68
37851	92.00	-0.55	1.75	24.49	-137.04	-281.18	-1.88	109.85	-17.14
37852	91.95	-1.65	1.75	26.97	-136.05	-269.44	-1.04	102.31	-41.17
37853	93.12	1.65	1.75	10.56	-145.75	-239.81	-4.87	96.94	36.06
37854	93.17	0.55	1.75	13.22	-141.69	-215.39	-4.10	91.22	11.47
37855	93.17	-0.55	1.75	15.78	-138.99	-197.55	-3.39	84.74	-12.24
37856	93.12	-1.65	1.75	18.19	-137.65	-186.21	-2.84	77.56	-35.27
37857	94.30	1.65	1.75	5.00	-147.13	-163.60	-4.61	69.20	38.42
37858	94.35	0.55	1.75	7.46	-143.29	-137.92	-4.54	63.34	14.81
37859	94.35	-0.55	1.75	9.77	-140.55	-119.44	-4.44	56.98	-8.00
37860	94.30	-1.65	1.75	11.91	-138.92	-108.09	-4.41	50.18	-30.21
37861	95.47	1.65	1.75	0.94	-147.41	-94.46	-2.78	40.54	40.04
37862	95.53	0.55	1.75	2.80	-144.06	-67.25	-3.76	34.95	17.32
37863	95.53	-0.55	1.75	4.55	-141.49	-47.83	-4.65	28.99	-4.77
37864	95.47	-1.65	1.75	6.18	-139.73	-36.17	-5.48	22.73	-26.29
37865	96.65	1.65	1.75	0.17	-145.86	-34.81	0.76	11.70	40.08
37866	96.71	0.55	1.75	1.66	-143.34	-6.48	-1.67	6.83	18.28
37867	96.71	-0.55	1.75	2.99	-141.12	13.73	-3.94	1.66	-2.99
37868	96.65	-1.65	1.75	4.16	-139.24	25.82	-6.15	-3.78	-23.83
37869	79.05	1.65	0.25	377.70	-107.14	-1328.27	14.25	-96.57	5.31
37870	79.05	0.55	0.25	380.18	-103.82	-1307.50	4.81	-96.22	-32.28
37871	79.05	-0.55	0.25	379.54	-103.42	-1285.41	-4.65	-96.76	-67.95
37872	79.05	-1.65	0.25	375.84	-105.74	-1262.28	-14.17	-98.18	-101.82
37873	80.25	1.65	0.25	327.74	-105.93	-1247.12	11.73	-38.64	4.58
37874	80.25	0.55	0.25	329.72	-102.64	-1225.97	4.59	-38.87	-31.83
37875	80.25	-0.55	0.25	329.19	-102.18	-1204.10	-2.64	-40.41	-66.35
37876	80.25	-1.65	0.25	326.20	-104.33	-1181.77	-9.98	-43.22	-99.10
37877	81.44	1.65	0.25	279.91	-105.46	-1157.04	9.49	11.65	4.55
37878	81.45	0.55	0.25	281.58	-102.12	-1135.66	4.35	10.78	-30.56
37879	81.45	-0.55	0.25	281.25	-101.53	-1114.21	-0.93	8.29	-63.82
37880	81.44	-1.65	0.25	279.00	-103.50	-1092.94	-6.41	4.27	-95.38
37881	82.64	1.65	0.25	234.82	-105.80	-1060.59	7.44	53.58	5.20
37882	82.65	0.55	0.25	236.32	-102.32	-1039.13	4.01	52.06	-28.51
37883	82.65	-0.55	0.25	236.29	-101.55	-1018.28	0.37	48.73	-60.46
37884	82.64	-1.65	0.25	234.77	-103.30	-998.25	-3.50	43.67	-90.80
37885	83.84	1.65	0.25	193.02	-106.94	-960.17	5.48	86.82	6.46
37886	83.86	0.55	0.25	194.49	-103.28	-938.76	3.47	84.69	-25.80
37887	83.86	-0.55	0.25	194.82	-102.28	-918.64	1.23	80.62	-56.40
37888	83.84	-1.65	0.25	194.04	-103.77	-899.98	-1.30	74.74	-85.48
37889	85.04	1.65	0.25	155.02	-108.88	-857.97	3.53	111.39	8.22
37890	85.06	0.55	0.25	156.57	-105.00	-836.70	2.70	108.69	-22.55
37891	85.06	-0.55	0.25	157.30	-103.73	-817.39	1.60	104.02	-51.78
37892	85.04	-1.65	0.25	157.23	-104.92	-800.16	0.19	97.52	-79.61
37893	86.23	1.65	0.25	121.23	-111.60	-755.94	1.55	127.53	10.38
37894	86.26	0.55	0.25	122.95	-107.47	-734.84	1.65	124.34	-18.90
37895	86.26	-0.55	0.25	124.10	-105.90	-716.35	1.48	119.22	-46.76
37896	86.23	-1.65	0.25	124.68	-106.76	-700.55	0.98	112.29	-73.35
37897	87.43	1.65	0.25	91.95	-115.05	-655.73	-0.46	135.75	12.83
37898	87.46	0.55	0.25	93.90	-110.66	-634.79	0.36	132.13	-14.99
37899	87.46	-0.55	0.25	95.47	-108.77	-617.07	0.90	126.68	-41.50
37900	87.43	-1.65	0.25	96.63	-109.26	-602.63	1.12	119.51	-66.87
37901	88.63	1.65	0.25	67.37	-119.14	-558.71	-2.49	136.66	15.49
37902	88.66	0.55	0.25	69.60	-114.50	-537.84	-1.16	132.66	-10.92
37903	88.66	-0.55	0.25	71.56	-112.29	-520.80	-0.09	126.99	-36.15
37904	88.63	-1.65	0.25	73.24	-112.40	-507.59	0.66	119.75	-60.34
37905	89.83	1.65	0.25	47.57	-123.79	-465.94	-4.47	130.98	18.31
37906	89.86	0.55	0.25	50.09	-118.92	-445.02	-2.83	126.64	-6.80
37907	89.86	-0.55	0.25	52.42	-116.39	-428.49	-1.41	120.82	-30.83
37908	89.83	-1.65	0.25	54.53	-116.12	-416.33	-0.30	113.62	-53.93
37909	91.02	1.65	0.25	32.51	-128.89	-378.19	-6.34	119.47	21.32
37910	91.06	0.55	0.25	35.34	-123.82	-357.02	-4.55	114.78	-2.65
37911	91.06	-0.55	0.25	37.99	-120.98	-340.80	-2.96	108.85	-25.62
37912	91.02	-1.65	0.25	40.44	-120.31	-329.46	-1.64	101.76	-47.76
37913	92.22	1.65	0.25	21.99	-134.28	-295.88	-7.97	102.85	24.60
37914	92.27	0.55	0.25	25.14	-129.04	-274.21	-6.21	97.76	1.53
37915	92.27	-0.55	0.25	28.07	-125.92	-258.02	-4.61	91.70	-20.57
37916	92.22	-1.65	0.25	30.77	-124.87	-247.24	-3.24	84.74	-41.93
37917	93.42	1.65	0.25	15.62	-139.75	-219.05	-9.18	81.72	28.34



Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
37918	93.47	0.55	0.25	19.07	-134.41	-196.51	-7.62	76.12	5.86
37919	93.47	-0.55	0.25	22.24	-131.04	-179.99	-6.16	69.86	-15.69
37920	93.42	-1.65	0.25	25.10	-129.62	-169.43	-4.90	62.99	-36.54
37921	94.62	1.65	0.25	12.54	-144.99	-147.26	-9.63	56.55	32.84
37922	94.67	0.55	0.25	16.22	-139.62	-123.27	-8.46	50.29	10.50
37923	94.67	-0.55	0.25	19.51	-136.06	-105.92	-7.33	43.70	-10.90
37924	94.62	-1.65	0.25	22.39	-134.31	-95.15	-6.35	36.83	-31.64
37925	95.81	1.65	0.25	10.65	-149.20	-78.45	-8.40	28.05	38.45
37926	95.87	0.55	0.25	14.20	-143.95	-51.69	-7.99	21.00	15.66
37927	95.87	-0.55	0.25	17.32	-140.30	-32.49	-7.56	13.95	-6.25
37928	95.81	-1.65	0.25	19.97	-138.29	-20.78	-7.16	6.99	-27.46
37929	97.01	1.65	0.25	1.03	-151.42	-17.51	-1.89	5.77	42.92
37930	97.07	0.55	0.25	2.62	-147.49	12.26	-3.64	-0.16	19.47
37931	97.07	-0.55	0.25	4.05	-144.44	33.63	-5.13	-6.19	-3.24
37932	97.01	-1.65	0.25	5.35	-142.32	46.59	-6.53	-12.26	-25.45
37933	79.06	1.65	-1.25	313.71	-64.50	-1204.25	12.60	-141.26	-5.62
37934	79.06	0.55	-1.25	316.06	-60.34	-1186.65	4.14	-141.35	-35.81
37935	79.06	-0.55	-1.25	315.64	-59.50	-1168.02	-4.33	-141.79	-64.45
37936	79.06	-1.65	-1.25	312.50	-61.81	-1148.55	-12.85	-142.56	-91.58
37937	80.28	1.65	-1.25	272.84	-63.98	-1131.13	9.94	-83.35	-5.84
37938	80.29	0.55	-1.25	274.81	-59.87	-1113.20	3.60	-83.80	-35.32
37939	80.29	-0.55	-1.25	274.48	-58.98	-1094.72	-2.80	-85.06	-63.26
37940	80.28	-1.65	-1.25	271.93	-61.14	-1075.88	-9.31	-87.09	-89.72
37941	81.50	1.65	-1.25	233.60	-64.50	-1050.17	7.53	-32.37	-5.56
37942	81.51	0.55	-1.25	235.29	-60.37	-1031.99	3.04	-33.23	-34.16
37943	81.51	-0.55	-1.25	235.14	-59.37	-1013.81	-1.54	-35.27	-61.27
37944	81.50	-1.65	-1.25	233.21	-61.34	-995.79	-6.29	-38.42	-86.94
37945	82.72	1.65	-1.25	196.46	-66.07	-963.52	5.32	10.97	-4.79
37946	82.74	0.55	-1.25	198.00	-61.86	-945.17	2.42	9.66	-32.39
37947	82.74	-0.55	-1.25	198.10	-60.71	-927.41	-0.61	6.92	-58.56
37948	82.72	-1.65	-1.25	196.80	-62.47	-910.38	-3.86	2.81	-83.35
37949	83.94	1.65	-1.25	161.91	-68.68	-873.25	3.22	46.28	-3.59
37950	83.96	0.55	-1.25	163.41	-64.35	-854.81	1.66	44.52	-30.08
37951	83.96	-0.55	-1.25	163.81	-63.01	-837.56	-0.06	41.17	-55.22
37952	83.94	-1.65	-1.25	163.15	-64.51	-821.61	-2.03	36.29	-79.08
37953	85.17	1.65	-1.25	130.41	-72.32	-781.25	1.18	73.48	-1.99
37954	85.19	0.55	-1.25	131.96	-67.83	-762.77	0.73	71.30	-27.33
37955	85.19	-0.55	-1.25	132.70	-66.26	-746.07	0.10	67.43	-51.39
37956	85.17	-1.65	-1.25	132.65	-67.47	-731.25	-0.81	61.96	-74.26
37957	86.39	1.65	-1.25	102.34	-76.92	-689.21	-0.83	92.75	-0.06
37958	86.41	0.55	-1.25	104.03	-72.25	-670.69	-0.39	90.17	-24.22
37959	86.41	-0.55	-1.25	105.13	-70.43	-654.56	-0.14	85.89	-47.19
37960	86.39	-1.65	-1.25	105.67	-71.32	-640.86	-0.19	80.01	-69.06
37961	87.61	1.65	-1.25	78.02	-82.45	-598.56	-2.85	104.46	2.13
37962	87.64	0.55	-1.25	79.92	-77.58	-580.00	-1.71	101.53	-20.85
37963	87.64	-0.55	-1.25	81.40	-75.48	-564.39	-0.77	96.94	-42.74
37964	87.61	-1.65	-1.25	82.48	-76.04	-551.75	-0.13	90.80	-63.63
37965	88.83	1.65	-1.25	57.69	-88.84	-510.50	-4.86	109.16	4.55
37966	88.86	0.55	-1.25	59.86	-83.76	-491.84	-3.20	105.89	-17.31
37967	88.86	-0.55	-1.25	61.72	-81.37	-476.68	-1.74	101.08	-38.15
37968	88.83	-1.65	-1.25	63.29	-81.57	-465.00	-0.58	94.83	-58.10
37969	90.05	1.65	-1.25	41.53	-96.05	-425.95	-6.87	107.48	7.19
37970	90.09	0.55	-1.25	44.01	-90.74	-407.12	-4.84	103.88	-13.64
37971	90.09	-0.55	-1.25	46.27	-88.04	-392.28	-3.01	98.91	-33.53
37972	90.05	-1.65	-1.25	48.28	-87.88	-381.42	-1.46	92.64	-52.61
37973	91.27	1.65	-1.25	29.64	-104.01	-345.59	-8.85	100.07	10.11
37974	91.31	0.55	-1.25	32.51	-98.46	-326.46	-6.59	96.13	-9.85
37975	91.31	-0.55	-1.25	35.17	-95.45	-311.80	-4.51	91.03	-28.92
37976	91.27	-1.65	-1.25	37.60	-94.92	-301.57	-2.71	84.82	-47.26
37977	92.49	1.65	-1.25	22.15	-112.69	-269.81	-10.81	87.56	13.44
37978	92.54	0.55	-1.25	25.49	-106.87	-250.20	-8.40	83.24	-5.87
37979	92.54	-0.55	-1.25	28.58	-103.54	-235.52	-6.18	77.98	-24.32
37980	92.49	-1.65	-1.25	31.41	-102.64	-225.71	-4.21	71.85	-42.11
37981	93.71	1.65	-1.25	19.22	-122.09	-198.67	-12.76	70.40	17.48
37982	93.76	0.55	-1.25	23.18	-115.94	-178.35	-10.26	65.58	-1.53
37983	93.76	-0.55	-1.25	26.79	-112.25	-163.39	-7.93	60.09	-19.68
37984	93.71	-1.65	-1.25	30.04	-110.98	-153.75	-5.86	53.97	-37.20
37985	94.93	1.65	-1.25	21.26	-132.20	-131.63	-14.75	48.56	22.87
37986	94.99	0.55	-1.25	26.07	-125.60	-110.10	-12.13	42.99	3.62
37987	94.99	-0.55	-1.25	30.36	-121.49	-94.45	-9.70	37.06	-14.74
37988	94.93	-1.65	-1.25	34.12	-119.82	-84.62	-7.52	30.81	-32.48
37989	96.15	1.65	-1.25	29.15	-143.11	-67.34	-16.85	20.81	31.25
37990	96.21	0.55	-1.25	35.18	-135.77	-43.77	-13.98	13.92	10.68
37991	96.21	-0.55	-1.25	40.45	-131.11	-26.75	-11.35	7.07	-8.93
37992	96.15	-1.65	-1.25	44.92	-129.09	-16.19	-8.95	0.31	-27.85
37993	97.37	1.65	-1.25	43.32	-153.05	15.49	-19.78	-21.09	51.49
37994	97.43	0.55	-1.25	50.72	-143.78	48.62	-15.89	-31.85	25.21
37995	97.43	-0.55	-1.25	57.21	-137.77	72.66	-12.13	-41.66	0.28
37996	97.37	-1.65	-1.25	62.79	-134.97	87.65	-8.63	-50.47	-23.78
37997	77.86	-1.65	1.75	484.56	-138.27	-1463.54	-19.35	-104.12	-115.14
37998	77.86	-0.55	1.75	489.53	-135.76	-1491.49	-7.24	-103.59	-73.61
37999	77.86	0.55	1.75	490.59	-135.26	-1517.81	4.90	-104.17	-29.97
38000	77.86	1.65	1.75	487.68	-137.00	-1542.09	17.10	-105.85	16.08
38001	76.69	-1.65	1.75	545.13	-139.86	-1526.08	-25.16	-171.20	-116.37
38002	76.68	-0.55	1.75	550.77	-137.21	-1554.28	-10.19	-172.40	-73.36
38003	76.68	0.55	1.75	551.70	-136.78	-1580.28	4.87	-174.20	-28.23
38004	76.69	1.65	1.75	547.85	-138.80	-1603.69	20.08	-176.55	19.22
38005	75.52	-1.65	1.75	606.78	-141.06	-1570.66	-31.22	-241.68	-116.27
38006	75.51	-0.55	1.75	612.97	-138.24	-1598.63	-13.10	-244.65	-71.96
38007	75.51	0.55	1.75	613.64	-137.94	-1624.02	5.17	-247.58	-25.54
38008	75.52	1.65	1.75	608.74	-140.40	-1646.48	23.69	-250.39	23.08
38009	74.34	-1.65	1.75	669.75	-141.45	-1595.15	-37.26	-312.72	-114.85
38010	74.33	-0.55	1.75	676.30	-138.42	-1622.39	-15.79	-317.41	-69.47
38011	74.33	0.55	1.75	676.61	-138.33	-1646.92	5.86	-321.34	-22.04
38012	74.34	1.65	1.75	670.63	-141.40	-1668.45	27.86	-324.41	27.44
38013	73.17	-1.65	1.75	735.03	-140.43	-1598.32	-42.89	-381.24	-112.19
38014	73.15	-0.55	1.75	741.74	-137.09	-1624.29	-18.07	-387.49	-66.04
38015	73.15	0.55	1.75	741.60	-137.26	-1647.78	6.93	-392.26	-17.89
38016	73.17	1.65	1.75	734.60	-141.14	-1668.52	32.38	-395.42	32.11

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
38017	71.99	-1.65	1.75	804.60	-137.04	-1579.91	-47.67	-444.30	-108.51
38018	71.97	-0.55	1.75	811.19	-133.29	-1604.11	-19.74	-451.85	-61.86
38019	71.97	0.55	1.75	810.56	-133.77	-1626.43	8.29	-457.26	-13.29
38020	71.99	1.65	1.75	802.71	-138.66	-1646.67	36.91	-460.38	36.92
38021	70.82	-1.65	1.75	881.37	-129.96	-1540.54	-51.06	-499.65	-104.18
38022	70.79	-0.55	1.75	887.54	-125.68	-1562.50	-20.61	-508.15	-57.20
38023	70.79	0.55	1.75	886.40	-126.51	-1583.61	9.80	-514.00	-8.39
38024	70.82	1.65	1.75	877.96	-132.58	-1603.73	40.95	-517.04	41.84
38025	69.65	-1.65	1.75	969.06	-117.40	-1481.19	-52.60	-546.33	-99.72
38026	69.62	-0.55	1.75	974.53	-112.57	-1500.54	-20.58	-555.33	-52.38
38027	69.62	0.55	1.75	972.90	-113.76	-1520.48	11.26	-561.42	-3.27
38028	69.65	1.65	1.75	964.20	-121.10	-1540.93	43.99	-564.44	47.00
38029	68.47	-1.65	1.75	1071.93	-97.24	-1402.34	-52.08	-585.29	-95.88
38030	68.44	-0.55	1.75	1076.54	-92.03	-1418.77	-19.62	-594.28	-47.78
38031	68.44	0.55	1.75	1074.47	-93.60	-1437.66	12.54	-600.42	2.05
38032	68.47	1.65	1.75	1065.78	-102.05	-1458.97	45.65	-603.59	52.77
38033	67.30	-1.65	1.75	1194.42	-67.42	-1302.45	-49.78	-620.02	-93.52
38034	67.26	-0.55	1.75	1198.20	-62.25	-1315.75	-17.91	-628.48	-43.78
38035	67.26	0.55	1.75	1195.78	-64.19	-1333.77	13.53	-634.54	7.62
38036	67.30	1.65	1.75	1187.23	-73.32	-1356.54	45.99	-638.08	59.69
38037	66.12	-1.65	1.75	1340.56	-26.72	-1175.58	-46.40	-657.30	-93.43
38038	66.08	-0.55	1.75	1343.21	-21.58	-1185.50	-15.58	-664.88	-40.68
38039	66.08	0.55	1.75	1340.56	-23.88	-1202.91	14.06	-670.74	13.55
38040	66.12	1.65	1.75	1332.66	-33.64	-1227.87	45.35	-674.83	68.35
38041	64.95	-1.65	1.75	1512.24	24.24	-1007.23	-41.28	-707.64	-95.71
38042	64.90	-0.55	1.75	1510.43	32.25	-1013.21	-11.75	-714.61	-38.41
38043	64.90	0.55	1.75	1507.69	29.66	-1030.30	12.77	-720.27	19.69
38044	64.95	1.65	1.75	1504.11	16.48	-1058.59	42.63	-724.55	78.81
38045	63.78	-1.65	1.75	1703.68	82.62	-768.14	-26.29	-783.26	-97.85
38046	63.73	-0.55	1.75	1681.39	105.44	-768.07	-1.38	-792.26	-35.70
38047	63.73	0.55	1.75	1678.78	102.67	-785.16	4.08	-797.77	25.01
38048	63.78	1.65	1.75	1695.91	74.34	-819.48	29.17	-799.76	88.76
38049	62.60	-1.65	1.75	1889.17	143.62	-411.96	28.36	-883.51	-90.07
38050	62.55	-0.55	1.75	1787.90	212.57	-397.77	32.36	-904.46	-28.17
38051	62.55	0.55	1.75	1785.85	209.62	-415.08	-29.67	-910.13	25.81
38052	62.60	1.65	1.75	1882.72	135.34	-463.83	-25.36	-900.40	89.04
38053	61.43	-1.65	1.75	2001.61	224.83	55.21	185.51	-954.21	-47.17
38054	61.37	-0.55	1.75	1671.05	325.53	87.93	103.83	-1017.12	-11.77
38055	61.37	0.55	1.75	1670.20	323.55	71.19	-103.65	-1023.75	20.04
38056	61.43	1.65	1.75	1997.87	217.32	4.57	-184.81	-973.00	55.46
38057	60.25	-1.65	1.75	1924.22	302.38	312.57	393.04	-858.07	-70.11
38058	60.19	-0.55	1.75	1296.51	74.83	292.87	13.72	-996.28	-2.18
38059	60.19	0.55	1.75	1296.35	73.61	276.93	-16.68	-1001.41	26.81
38060	60.25	1.65	1.75	1925.02	301.93	265.80	-397.24	-879.66	100.76
38061	77.85	-1.65	0.25	427.40	-107.61	-1331.93	-18.88	-159.59	-103.45
38062	77.85	-0.55	0.25	431.76	-105.16	-1355.57	-6.89	-159.68	-68.57
38063	77.85	0.55	0.25	432.41	-105.55	-1377.65	5.12	-160.15	-31.88
38064	77.85	1.65	0.25	429.29	-109.00	-1397.90	17.17	-161.01	6.73
38065	76.65	-1.65	0.25	480.54	-109.79	-1388.28	-23.97	-225.98	-103.93
38066	76.65	-0.55	0.25	485.46	-107.21	-1412.06	-9.23	-227.65	-68.20
38067	76.65	0.55	0.25	486.01	-107.67	-1433.91	5.60	-229.12	-30.64
38068	76.65	1.65	0.25	482.14	-111.36	-1453.57	20.54	-230.34	8.77
38069	75.46	-1.65	0.25	535.16	-112.03	-1429.09	-29.26	-295.48	-103.25
38070	75.45	-0.55	0.25	540.53	-109.31	-1452.62	-11.54	-298.75	-66.85
38071	75.45	0.55	0.25	540.89	-109.88	-1474.04	6.31	-301.15	-28.64
38072	75.46	1.65	0.25	536.18	-113.95	-1493.09	24.36	-302.60	11.33
38073	74.26	-1.65	0.25	591.56	-113.94	-1452.58	-34.50	-365.98	-101.47
38074	74.25	-0.55	0.25	597.24	-111.02	-1475.43	-13.67	-370.79	-64.60
38075	74.25	0.55	0.25	597.32	-111.77	-1496.24	7.30	-374.02	-25.98
38076	74.26	1.65	0.25	591.76	-116.38	-1514.76	28.55	-375.56	14.30
38077	73.06	-1.65	0.25	650.51	-114.90	-1457.42	-39.37	-435.32	-98.74
38078	73.04	-0.55	0.25	656.32	-111.71	-1479.18	-15.49	-441.54	-61.60
38079	73.04	0.55	0.25	656.06	-112.69	-1499.23	8.52	-445.46	-22.75
38080	73.06	1.65	0.25	649.72	-118.00	-1517.40	32.91	-446.98	17.61
38081	71.86	-1.65	0.25	713.23	-114.06	-1442.74	-43.50	-501.65	-95.36
38082	71.84	-0.55	0.25	718.91	-110.49	-1463.00	-16.83	-509.05	-58.03
38083	71.84	0.55	0.25	718.28	-111.73	-1482.23	9.90	-513.53	-19.05
38084	71.86	1.65	0.25	711.32	-117.93	-1500.29	37.14	-514.96	21.27
38085	70.67	-1.65	0.25	781.10	-110.26	-1407.85	-46.52	-563.73	-91.73
38086	70.64	-0.55	0.25	786.42	-106.20	-1426.24	-17.57	-572.00	-54.15
38087	70.64	0.55	0.25	785.41	-107.73	-1444.62	11.32	-576.87	-14.95
38088	70.67	1.65	0.25	778.08	-115.00	-1462.90	40.86	-578.24	25.39
38089	69.47	-1.65	0.25	855.33	-102.09	-1351.64	-48.17	-621.25	-88.46
38090	69.44	-0.55	0.25	860.06	-97.54	-1367.85	-17.67	-629.98	-50.25
38091	69.44	0.55	0.25	858.69	-99.39	-1385.43	12.66	-635.11	-10.44
38092	69.47	1.65	0.25	851.25	-107.75	-1404.30	43.76	-636.54	30.29
38093	68.27	-1.65	0.25	936.19	-88.18	-1271.73	-48.59	-674.91	-86.23
38094	68.24	-0.55	0.25	940.27	-83.36	-1285.53	-17.24	-683.66	-46.65
38095	68.24	0.55	0.25	938.60	-85.53	-1302.38	13.90	-688.92	-5.48
38096	68.27	1.65	0.25	931.19	-94.79	-1322.28	45.82	-690.62	36.39
38097	67.07	-1.65	0.25	1021.96	-67.78	-1163.18	-48.47	-726.12	-85.69
38098	67.04	-0.55	0.25	1025.53	-63.03	-1174.35	-16.53	-734.48	-43.61
38099	67.04	0.55	0.25	1023.62	-65.50	-1190.63	15.09	-739.79	0.03
38100	67.07	1.65	0.25	1016.27	-75.30	-1212.03	47.55	-742.01	44.21
38101	65.88	-1.65	0.25	1107.40	-41.91	-1017.04	-48.71	-775.78	-87.14
38102	65.84	-0.55	0.25	1109.92	-36.71	-1025.26	-15.63	-783.45	-41.24
38103	65.84	0.55	0.25	1107.86	-39.47	-1041.12	16.05	-788.80	6.15
38104	65.88	1.65	0.25	1101.26	-50.25	-1064.67	49.58	-791.77	53.98
38105	64.68	-1.65	0.25	1181.14	-14.66	-819.78	-47.42	-820.73	-90.13
38106	64.63	-0.55	0.25	1177.30	-4.14	-824.05	-12.82	-827.32	-39.45
38107	64.63	0.55	0.25	1175.19	-7.13	-839.66	14.80	-832.74	12.95
38108	64.68	1.65	0.25	1174.85	-23.66	-866.67	49.78	-836.97	65.44
38109	63.48	-1.65	0.25	1222.31	6.28	-558.43	-30.48	-845.02	-94.16
38110	63.43	-0.55	0.25	1187.94	40.11	-555.46	0.26	-847.85	-38.41
38111	63.43	0.55	0.25	1185.94	36.89	-570.91	2.69	-853.53	21.08
38112	63.48	1.65	0.25	1216.17	-3.25	-604.86	33.87	-862.00	78.51
38113	62.29	-1.65	0.25	1201.10	12.45	-249.15	49.64	-805.55	-104.41
38114	62.23	-0.55	0.25	1052.93	110.86	-233.13	48.35	-788.26	-42.67
38115	62.23	0.55	0.25	1051.27	107.38	-248.29	-45.34	-794.62	36.06

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
38116	62.29	1.65	0.25	1195.61	2.29	-294.84	-45.74	-824.18	99.01
38117	61.09	-1.65	0.25	1080.88	34.52	1.00	275.89	-623.59	-151.29
38118	61.03	-0.55	0.25	625.85	167.69	13.37	148.87	-529.01	-58.18
38119	61.03	0.55	0.25	624.25	164.85	-1.04	-145.93	-536.72	65.44
38120	61.09	1.65	0.25	1076.41	24.12	-43.33	-272.74	-645.22	158.36
38121	59.89	-1.65	0.25	753.74	42.98	-245.22	562.85	-298.34	-161.74
38122	59.83	-0.55	0.25	-138.63	-318.16	-489.16	37.92	-102.72	-12.44
38123	59.83	0.55	0.25	-140.21	-320.75	-504.90	-32.81	-107.45	28.53
38124	59.89	1.65	0.25	750.78	36.41	-286.34	-559.33	-323.11	189.64
38125	77.84	-1.65	-1.25	354.54	-63.29	-1211.67	-16.82	-203.85	-92.44
38126	77.84	-0.55	-1.25	358.21	-60.85	-1231.50	-6.04	-204.45	-64.80
38127	77.84	0.55	-1.25	358.65	-61.69	-1250.12	4.75	-204.85	-35.63
38128	77.84	1.65	-1.25	355.79	-65.97	-1267.35	15.59	-205.03	-4.93
38129	76.62	-1.65	-1.25	397.76	-65.44	-1263.12	-21.11	-269.66	-92.27
38130	76.61	-0.55	-1.25	401.88	-62.89	-1283.02	-7.85	-271.70	-64.29
38131	76.61	0.55	-1.25	402.24	-63.78	-1301.49	5.48	-272.92	-34.79
38132	76.62	1.65	-1.25	398.80	-68.28	-1318.33	18.91	-273.27	-3.79
38133	75.40	-1.65	-1.25	442.04	-68.05	-1300.96	-25.56	-338.43	-91.08
38134	75.39	-0.55	-1.25	446.50	-65.37	-1320.61	-9.64	-341.93	-62.96
38135	75.39	0.55	-1.25	446.73	-66.36	-1338.76	6.38	-343.92	-33.33
38136	75.40	1.65	-1.25	442.65	-71.19	-1355.26	22.56	-344.33	-2.27
38137	74.18	-1.65	-1.25	487.47	-70.76	-1323.42	-29.96	-408.45	-88.97
38138	74.16	-0.55	-1.25	492.15	-67.91	-1342.46	-11.31	-413.36	-60.87
38139	74.16	0.55	-1.25	492.16	-69.05	-1360.19	7.45	-416.04	-31.31
38140	74.18	1.65	-1.25	487.48	-74.34	-1376.45	26.44	-416.40	-0.39
38141	72.96	-1.65	-1.25	534.29	-73.08	-1328.93	-34.05	-478.01	-86.11
38142	72.94	-0.55	-1.25	539.01	-69.99	-1347.03	-12.74	-484.21	-58.16
38143	72.94	0.55	-1.25	538.78	-71.33	-1364.24	8.66	-487.48	-28.78
38144	72.96	1.65	-1.25	533.55	-77.22	-1380.43	30.39	-487.73	1.84
38145	71.73	-1.65	-1.25	582.75	-74.33	-1315.99	-37.57	-545.56	-82.82
38146	71.71	-0.55	-1.25	587.30	-70.91	-1332.82	-13.83	-552.85	-55.00
38147	71.71	0.55	-1.25	586.79	-72.47	-1349.46	9.95	-556.60	-25.78
38148	71.73	1.65	-1.25	581.19	-79.14	-1365.81	34.16	-556.73	4.53
38149	70.51	-1.65	-1.25	632.75	-73.67	-1282.92	-40.29	-609.79	-79.51
38150	70.49	-0.55	-1.25	636.92	-69.85	-1298.17	-14.51	-617.90	-51.61
38151	70.49	0.55	-1.25	636.14	-71.66	-1314.22	11.23	-622.02	-22.33
38152	70.51	1.65	-1.25	630.37	-79.23	-1331.02	37.52	-622.09	7.88
38153	69.29	-1.65	-1.25	683.45	-70.27	-1227.44	-42.15	-669.53	-76.70
38154	69.26	-0.55	-1.25	687.09	-66.06	-1240.86	-14.80	-678.11	-48.24
38155	69.26	0.55	-1.25	686.04	-68.15	-1256.35	12.46	-682.51	-18.39
38156	69.29	1.65	-1.25	680.30	-76.63	-1273.90	40.34	-682.65	12.21
38157	68.07	-1.65	-1.25	732.60	-63.59	-1146.28	-43.48	-723.23	-74.93
38158	68.04	-0.55	-1.25	735.70	-59.20	-1157.65	-14.84	-731.91	-45.10
38159	68.04	0.55	-1.25	734.43	-61.56	-1172.65	13.69	-736.51	-13.90
38160	68.07	1.65	-1.25	728.79	-70.77	-1191.28	42.86	-736.93	17.89
38161	66.85	-1.65	-1.25	776.00	-54.09	-1035.03	-45.04	-767.73	-74.52
38162	66.81	-0.55	-1.25	778.65	-49.73	-1044.13	-14.89	-776.23	-42.34
38163	66.81	0.55	-1.25	777.20	-52.36	-1058.71	15.05	-780.97	-8.81
38164	66.85	1.65	-1.25	771.64	-62.08	-1078.79	45.70	-781.88	25.18
38165	65.63	-1.65	-1.25	807.33	-44.18	-889.12	-47.36	-796.05	-75.36
38166	65.59	-0.55	-1.25	808.74	-39.07	-895.56	-14.84	-804.03	-39.96
38167	65.59	0.55	-1.25	807.14	-41.95	-909.79	16.31	-808.90	-3.08
38168	65.63	1.65	-1.25	802.53	-52.91	-931.85	49.31	-810.64	34.01
38169	64.41	-1.65	-1.25	819.34	-38.97	-707.88	-47.68	-793.66	-77.48
38170	64.36	-0.55	-1.25	813.98	-28.18	-710.93	-12.67	-799.52	-38.28
38171	64.36	0.55	-1.25	812.24	-31.31	-724.85	15.42	-804.59	3.75
38172	64.41	1.65	-1.25	814.11	-48.41	-749.69	50.89	-808.80	44.55
38173	63.19	-1.65	-1.25	808.50	-45.53	-505.91	-32.54	-735.20	-84.86
38174	63.14	-0.55	-1.25	775.59	-13.81	-505.67	-0.94	-730.43	-39.90
38175	63.14	0.55	-1.25	773.73	-17.27	-519.24	4.92	-735.81	14.65
38176	63.19	1.65	-1.25	802.77	-55.79	-546.72	37.18	-751.19	61.02
38177	61.97	-1.65	-1.25	787.28	-67.37	-330.97	30.16	-589.63	-116.01
38178	61.92	-0.55	-1.25	672.12	11.48	-337.79	35.67	-541.47	-54.61
38179	61.92	0.55	-1.25	670.11	7.66	-350.82	-30.23	-547.39	39.94
38180	61.97	1.65	-1.25	780.95	-79.02	-370.49	-23.73	-607.00	102.28
38181	60.75	-1.65	-1.25	795.10	-80.87	-282.82	161.60	-349.44	-199.31
38182	60.69	-0.55	-1.25	519.27	1.75	-356.92	90.84	-194.95	-79.75
38183	60.69	0.55	-1.25	516.30	-2.44	-368.99	-82.62	-201.59	77.27
38184	60.75	1.65	-1.25	787.54	-93.69	-320.35	-153.32	-369.01	197.24
38185	59.53	-1.65	-1.25	841.60	-88.69	-284.07	279.21	-141.60	-155.78
38186	59.47	-0.55	-1.25	437.00	-242.25	-406.47	33.93	80.61	-27.74
38187	59.47	0.55	-1.25	433.26	-247.15	-422.28	-22.41	73.71	40.17
38188	59.53	1.65	-1.25	830.48	-105.95	-323.36	-266.97	-166.27	173.75
38189	96.56	2.50	1.75	-1.17	-148.22	-61.75	2.70	15.14	57.07
38190	96.47	3.10	1.75	-2.30	-149.89	-84.47	4.13	17.11	69.54
38191	95.39	2.50	1.75	-0.62	-150.51	-120.28	-1.89	44.60	58.22
38192	95.31	3.10	1.75	-1.76	-152.81	-141.95	-1.14	47.26	71.49
38193	94.22	2.50	1.75	3.01	-150.86	-187.89	-4.57	73.40	57.38
38194	94.15	3.10	1.75	1.60	-153.83	-208.26	-4.47	76.10	71.22
38195	93.05	2.50	1.75	8.44	-149.85	-262.77	-5.43	100.88	55.83
38196	92.98	3.10	1.75	6.96	-153.19	-281.94	-5.80	103.28	70.27
38197	91.89	2.50	1.75	17.15	-147.95	-344.46	-5.09	125.52	54.19
38198	91.82	3.10	1.75	15.70	-151.53	-362.68	-5.77	127.55	69.34
38199	90.72	2.50	1.75	30.10	-145.60	-433.09	-3.94	146.27	52.59
38200	90.66	3.10	1.75	28.73	-149.30	-450.56	-4.80	147.93	68.56
38201	89.55	2.50	1.75	47.88	-143.12	-528.42	-2.26	162.16	51.00
38202	89.50	3.10	1.75	46.60	-146.86	-545.29	-3.16	163.46	67.92
38203	88.38	2.50	1.75	70.84	-140.74	-629.87	-0.22	172.24	49.45
38204	88.33	3.10	1.75	69.62	-144.46	-646.25	-1.04	173.18	67.38
38205	87.21	2.50	1.75	99.11	-138.64	-736.52	2.04	175.57	47.95
38206	87.17	3.10	1.75	97.92	-142.27	-752.50	1.43	176.16	66.97
38207	86.04	2.50	1.75	132.67	-136.94	-847.14	4.41	171.29	46.61
38208	86.01	3.10	1.75	131.45	-140.46	-862.72	4.15	171.50	66.75
38209	84.88	2.50	1.75	171.32	-135.75	-960.11	6.86	158.62	45.55
38210	84.84	3.10	1.75	169.99	-139.13	-975.31	7.09	158.45	66.84
38211	83.71	2.50	1.75	214.73	-135.11	-1073.53	9.39	136.97	44.95
38212	83.68	3.10	1.75	213.18	-138.36	-1088.28	10.26	136.40	67.36
38213	82.54	2.50	1.75	262.43	-135.05	-1185.15	12.04	105.96	44.96
38214	82.52	3.10	1.75	260.52	-138.18	-1199.37	13.72	105.00	68.48

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
38215	81.37	2.50	1.75	313.82	-135.56	-1292.44	14.92	65.49	45.74
38216	81.36	3.10	1.75	311.39	-138.61	-1306.02	17.58	64.17	70.33
38217	80.20	2.50	1.75	368.22	-136.62	-1392.61	18.20	15.82	47.40
38218	80.19	3.10	1.75	365.09	-139.65	-1405.41	22.01	14.21	72.99
38219	79.03	2.50	1.75	424.85	-138.14	-1482.64	22.03	-42.36	49.98
38220	79.03	3.10	1.75	420.83	-141.24	-1494.57	27.19	-44.14	76.47
38221	96.93	2.50	0.25	-0.35	-155.23	-45.75	-0.31	10.10	61.33
38222	96.84	3.10	0.25	-1.43	-158.08	-69.51	0.94	12.72	74.90
38223	95.73	2.50	0.25	7.60	-154.37	-103.81	-8.63	33.47	56.97
38224	95.65	3.10	0.25	5.29	-158.49	-125.07	-8.68	37.27	70.65
38225	94.54	2.50	0.25	9.45	-150.43	-169.91	-10.50	61.19	50.98
38226	94.47	3.10	0.25	7.16	-154.92	-188.88	-11.07	64.30	64.34
38227	93.35	2.50	0.25	12.76	-145.29	-240.20	-10.40	85.64	46.55
38228	93.28	3.10	0.25	10.67	-149.93	-257.83	-11.26	88.10	59.96
38229	92.16	2.50	0.25	19.41	-139.82	-316.02	-9.37	106.18	43.26
38230	92.09	3.10	0.25	17.54	-144.54	-332.68	-10.37	108.09	56.96
38231	90.97	2.50	0.25	30.20	-134.38	-397.61	-7.79	122.32	40.69
38232	90.91	3.10	0.25	28.52	-139.13	-413.52	-8.83	123.75	54.89
38233	89.77	2.50	0.25	45.49	-129.20	-484.83	-5.84	133.40	38.59
38234	89.72	3.10	0.25	43.96	-133.94	-500.10	-6.83	134.41	53.45
38235	88.58	2.50	0.25	65.47	-124.43	-577.19	-3.63	138.68	36.82
38236	88.53	3.10	0.25	64.04	-129.14	-591.90	-4.47	139.32	52.43
38237	87.39	2.50	0.25	90.18	-120.19	-673.89	-1.22	137.39	35.31
38238	87.35	3.10	0.25	88.78	-124.87	-688.08	-1.80	137.68	51.76
38239	86.20	2.50	0.25	119.52	-116.60	-773.81	1.34	128.79	34.07
38240	86.16	3.10	0.25	118.08	-121.22	-787.50	1.14	128.75	51.40
38241	85.01	2.50	0.25	153.29	-113.74	-875.56	4.04	112.23	33.15
38242	84.98	3.10	0.25	151.72	-118.29	-888.73	4.35	111.90	51.38
38243	83.81	2.50	0.25	191.16	-111.66	-977.44	6.91	87.26	32.61
38244	83.79	3.10	0.25	189.35	-116.16	-990.06	7.87	86.66	51.74
38245	82.62	2.50	0.25	232.70	-110.41	-1077.47	9.99	53.62	32.54
38246	82.60	3.10	0.25	230.53	-114.87	-1089.49	11.76	52.80	52.54
38247	81.43	2.50	0.25	277.38	-110.02	-1173.44	13.39	11.33	33.02
38248	81.42	3.10	0.25	274.71	-114.47	-1184.80	16.11	10.36	53.82
38249	80.24	2.50	0.25	324.62	-110.49	-1262.93	17.21	-39.26	34.07
38250	80.23	3.10	0.25	321.32	-114.97	-1273.59	21.06	-40.29	55.61
38251	79.05	2.50	0.25	373.85	-111.78	-1343.42	21.56	-97.39	35.71
38252	79.04	3.10	0.25	369.77	-116.35	-1353.35	26.71	-98.36	57.88
38253	97.29	2.50	-1.25	36.93	-162.85	-15.90	-22.89	-12.33	72.78
38254	97.21	3.10	-1.25	32.12	-170.78	-42.29	-25.11	-6.03	88.84
38255	96.08	2.50	-1.25	23.97	-150.60	-89.58	-19.21	26.15	48.13
38256	96.00	3.10	-1.25	20.03	-156.89	-108.12	-20.87	29.96	60.70
38257	94.86	2.50	-1.25	17.19	-139.09	-151.88	-16.85	52.66	38.57
38258	94.79	3.10	-1.25	14.14	-144.94	-168.75	-18.39	55.40	50.20
38259	93.65	2.50	-1.25	15.91	-128.60	-217.70	-14.77	73.73	32.93
38260	93.58	3.10	-1.25	13.45	-134.17	-233.48	-16.22	75.77	44.33
38261	92.43	2.50	-1.25	19.37	-118.95	-288.00	-12.74	90.33	29.10
38262	92.37	3.10	-1.25	17.33	-124.35	-303.00	-14.13	91.86	40.63
38263	91.21	2.50	-1.25	27.26	-110.08	-363.14	-10.67	102.39	26.27
38264	91.16	3.10	-1.25	25.51	-115.38	-377.49	-11.97	103.49	38.13
38265	90.00	2.50	-1.25	39.44	-101.97	-442.97	-8.50	109.41	24.04
38266	89.95	3.10	-1.25	37.88	-107.20	-456.73	-9.67	110.13	36.39
38267	88.78	2.50	-1.25	55.81	-94.64	-527.06	-6.21	110.74	22.22
38268	88.74	3.10	-1.25	54.36	-99.82	-540.28	-7.18	111.14	35.16
38269	87.57	2.50	-1.25	76.26	-88.13	-614.72	-3.80	105.71	20.71
38270	87.53	3.10	-1.25	74.86	-93.27	-627.39	-4.48	105.82	34.30
38271	86.35	2.50	-1.25	100.63	-82.50	-704.98	-1.25	93.67	19.47
38272	86.32	3.10	-1.25	99.19	-87.61	-717.12	-1.55	93.53	33.75
38273	85.14	2.50	-1.25	128.67	-77.81	-796.64	1.46	74.10	18.51
38274	85.11	3.10	-1.25	127.10	-82.89	-808.23	1.65	73.76	33.49
38275	83.92	2.50	-1.25	160.05	-74.11	-888.22	4.36	46.63	17.86
38276	83.90	3.10	-1.25	158.26	-79.18	-899.25	5.17	46.13	33.52
38277	82.70	2.50	-1.25	194.36	-71.45	-978.04	7.51	11.08	17.54
38278	82.69	3.10	-1.25	192.25	-76.53	-988.47	9.06	10.50	33.85
38279	81.49	2.50	-1.25	231.14	-69.87	-1064.20	10.98	-32.43	17.58
38280	81.48	3.10	-1.25	228.60	-74.99	-1074.02	13.41	-33.01	34.47
38281	80.27	2.50	-1.25	269.89	-69.40	-1144.64	14.84	-83.50	18.00
38282	80.27	3.10	-1.25	266.82	-74.57	-1153.85	18.30	-83.98	35.37
38283	79.06	2.50	-1.25	310.16	-70.01	-1217.22	19.17	-141.40	18.76
38284	79.06	3.10	-1.25	306.45	-75.29	-1225.86	23.81	-141.66	36.51
38285	77.87	2.50	1.75	482.96	-140.05	-1559.44	26.58	-107.80	53.41
38286	77.87	3.10	1.75	477.89	-143.31	-1570.46	33.29	-109.59	80.70
38287	76.70	2.50	1.75	541.93	-142.17	-1620.06	31.97	-178.64	57.56
38288	76.71	3.10	1.75	535.68	-145.71	-1630.19	40.41	-180.27	85.48
38289	75.53	2.50	1.75	601.53	-144.28	-1661.93	38.22	-252.42	62.19
38290	75.54	3.10	1.75	594.01	-148.23	-1671.33	48.55	-253.69	90.57
38291	74.36	2.50	1.75	662.12	-145.97	-1683.18	45.18	-326.19	67.07
38292	74.38	3.10	1.75	653.35	-150.48	-1692.11	57.55	-326.95	95.70
38293	73.19	2.50	1.75	724.91	-146.64	-1682.87	52.53	-396.80	71.96
38294	73.22	3.10	1.75	714.98	-151.91	-1691.70	66.99	-396.95	100.64
38295	72.02	2.50	1.75	792.08	-145.34	-1661.07	59.72	-461.33	76.73
38296	72.06	3.10	1.75	781.21	-151.61	-1670.27	76.22	-460.86	105.26
38297	70.86	2.50	1.75	866.76	-140.70	-1618.71	66.00	-517.60	81.44
38298	70.89	3.10	1.75	855.30	-148.23	-1628.83	84.33	-516.62	109.67
38299	69.69	2.50	1.75	952.87	-130.80	-1557.10	70.54	-564.81	86.39
38300	69.73	3.10	1.75	941.28	-139.80	-1568.72	90.24	-563.54	114.28
38301	68.52	2.50	1.75	1054.71	-113.15	-1476.98	72.68	-604.09	92.21
38302	68.57	3.10	1.75	1043.47	-123.59	-1490.72	92.99	-602.87	119.93
38303	67.35	2.50	1.75	1176.53	-85.10	-1377.08	72.52	-639.14	99.90
38304	67.40	3.10	1.75	1165.83	-96.32	-1393.58	92.47	-638.45	127.88
38305	66.18	2.50	1.75	1322.28	-45.14	-1251.69	71.48	-676.86	110.59
38306	66.24	3.10	1.75	1311.38	-55.41	-1271.62	90.70	-677.24	139.76
38307	65.01	2.50	1.75	1495.76	4.21	-1086.80	71.72	-727.53	124.90
38308	65.08	3.10	1.75	1482.65	-2.88	-1110.92	93.05	-729.50	156.88
38309	63.85	2.50	1.75	1701.15	52.43	-854.35	71.81	-802.11	141.24
38310	63.92	3.10	1.75	1684.26	48.38	-883.75	106.79	-806.01	178.08
38311	62.68	2.50	1.75	1945.23	78.99	-512.14	58.08	-894.96	148.18
38312	62.75	3.10	1.75	1926.72	73.45	-548.67	135.96	-900.93	194.68
38313	61.51	2.50	1.75	2261.15	74.97	-75.15	-26.06	-931.39	113.93

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
38314	61.59	3.10	1.75	2265.32	39.72	-126.88	170.14	-937.46	167.05
38315	60.34	2.50	1.75	2821.80	256.64	246.68	-207.29	-803.87	69.79
38316	60.43	3.10	1.75	2903.87	298.95	220.46	310.04	-817.70	13.60
38317	77.85	2.50	0.25	424.55	-113.83	-1412.36	26.54	-161.88	37.88
38318	77.86	3.10	0.25	419.58	-118.56	-1421.60	33.16	-162.64	60.55
38319	76.66	2.50	0.25	476.40	-116.48	-1467.37	32.19	-231.12	40.48
38320	76.67	3.10	0.25	470.44	-121.47	-1476.02	40.44	-231.53	63.51
38321	75.47	2.50	0.25	529.39	-119.52	-1506.36	38.48	-303.13	43.39
38322	75.48	3.10	0.25	522.39	-124.86	-1514.59	48.51	-303.03	66.61
38323	74.28	2.50	0.25	583.94	-122.55	-1527.71	45.25	-375.70	46.50
38324	74.30	3.10	0.25	575.92	-128.39	-1535.80	57.15	-375.00	69.74
38325	73.09	2.50	0.25	640.99	-125.00	-1530.33	52.19	-446.65	49.74
38326	73.11	3.10	0.25	632.06	-131.52	-1538.62	66.01	-445.29	72.85
38327	71.89	2.50	0.25	701.91	-126.00	-1513.60	58.82	-514.16	53.21
38328	71.92	3.10	0.25	692.30	-133.43	-1522.49	74.50	-512.17	76.06
38329	70.70	2.50	0.25	768.32	-124.36	-1477.04	64.57	-577.10	57.15
38330	70.74	3.10	0.25	758.34	-132.95	-1487.01	81.92	-574.61	79.73
38331	69.51	2.50	0.25	841.52	-118.51	-1419.79	68.90	-635.29	62.10
38332	69.55	3.10	0.25	831.61	-128.43	-1431.33	87.51	-632.56	84.54
38333	68.32	2.50	0.25	921.74	-106.69	-1339.63	71.67	-689.62	68.84
38334	68.37	3.10	0.25	912.24	-117.82	-1353.26	90.92	-687.06	91.49
38335	67.13	2.50	0.25	1006.98	-87.62	-1231.78	73.73	-741.70	78.24
38336	67.18	3.10	0.25	997.81	-99.16	-1248.02	93.03	-739.79	101.80
38337	65.93	2.50	0.25	1091.99	-62.38	-1087.49	77.40	-792.48	90.78
38338	65.99	3.10	0.25	1081.95	-72.52	-1106.85	97.24	-791.62	116.27
38339	64.74	2.50	0.25	1168.46	-38.29	-893.77	84.94	-839.01	105.68
38340	64.81	3.10	0.25	1154.98	-45.06	-916.94	110.34	-839.19	133.79
38341	63.55	2.50	0.25	1229.88	-34.19	-639.22	91.69	-867.25	120.05
38342	63.62	3.10	0.25	1211.22	-38.72	-667.46	139.35	-867.93	149.31
38343	62.36	2.50	0.25	1292.73	-82.19	-342.74	71.18	-843.73	131.44
38344	62.43	3.10	0.25	1272.32	-91.87	-378.62	182.38	-844.02	151.66
38345	61.17	2.50	0.25	1452.33	-173.96	-108.39	-63.13	-737.52	162.99
38346	61.25	3.10	0.25	1461.12	-226.91	-162.95	221.07	-748.24	139.16
38347	59.97	2.50	0.25	1946.25	55.15	-58.13	-277.29	-609.43	178.59
38348	60.06	3.10	0.25	2075.18	130.32	-77.55	347.23	-608.72	84.11
38349	77.84	2.50	-1.25	351.53	-71.66	-1279.82	24.01	-205.04	19.83
38350	77.84	3.10	-1.25	347.11	-77.09	-1287.94	29.98	-204.94	37.83
38351	76.63	2.50	-1.25	393.77	-74.24	-1330.37	29.39	-273.01	21.16
38352	76.63	3.10	-1.25	388.58	-79.89	-1338.12	36.81	-272.44	39.26
38353	75.41	2.50	-1.25	436.83	-77.53	-1367.03	35.22	-343.68	22.67
38354	75.42	3.10	-1.25	430.85	-83.50	-1374.59	44.21	-342.52	40.74
38355	74.20	2.50	-1.25	480.90	-81.22	-1388.17	41.36	-415.27	24.36
38356	74.21	3.10	-1.25	474.18	-87.62	-1395.81	51.99	-413.44	42.24
38357	72.98	2.50	-1.25	526.36	-84.82	-1392.39	47.54	-486.08	26.26
38358	73.00	3.10	-1.25	519.01	-91.82	-1400.42	59.85	-483.55	43.84
38359	71.76	2.50	-1.25	573.60	-87.66	-1378.37	53.41	-554.59	28.58
38360	71.79	3.10	-1.25	565.84	-95.46	-1387.15	67.34	-551.41	45.79
38361	70.55	2.50	-1.25	622.68	-88.86	-1344.56	58.57	-619.60	31.66
38362	70.58	3.10	-1.25	614.81	-97.66	-1354.50	73.95	-615.94	48.55
38363	69.33	2.50	-1.25	672.79	-87.42	-1288.84	62.78	-680.08	36.07
38364	69.37	3.10	-1.25	665.17	-97.35	-1300.36	79.32	-676.21	52.84
38365	68.12	2.50	-1.25	721.59	-82.49	-1208.02	66.29	-734.63	42.48
38366	68.16	3.10	-1.25	714.43	-93.38	-1221.53	83.57	-730.95	59.57
38367	66.90	2.50	-1.25	764.58	-74.14	-1097.77	70.22	-780.18	51.37
38368	66.95	3.10	-1.25	757.65	-85.26	-1113.65	88.03	-777.11	69.48
38369	65.69	2.50	-1.25	795.62	-65.12	-953.64	76.64	-809.78	62.46
38370	65.74	3.10	-1.25	787.76	-75.04	-972.33	95.96	-807.44	82.33
38371	64.47	2.50	-1.25	810.55	-63.89	-775.24	86.53	-809.72	74.50
38372	64.53	3.10	-1.25	799.78	-71.29	-797.52	112.35	-807.58	95.58
38373	63.25	2.50	-1.25	817.87	-86.83	-676.69	93.31	-759.62	87.17
38374	63.32	3.10	-1.25	803.63	-93.60	-604.14	139.88	-756.71	104.69
38375	62.04	2.50	-1.25	858.80	-151.95	-399.80	75.93	-648.47	112.17
38376	62.11	3.10	-1.25	845.94	-163.96	-435.38	171.71	-645.82	108.25
38377	60.82	2.50	-1.25	1020.31	-227.98	-294.63	-0.09	-515.67	187.40
38378	60.90	3.10	-1.25	1024.97	-268.46	-332.77	201.71	-530.47	138.59
38379	59.61	2.50	-1.25	1408.56	-92.45	-217.62	-93.26	-441.33	213.36
38380	59.69	3.10	-1.25	1492.01	-65.04	-271.19	293.28	-456.66	203.56
38381	79.03	3.95	1.75	413.08	-147.40	-1509.95	34.45	-47.56	115.27
38382	80.18	3.95	1.75	359.01	-145.69	-1422.51	27.35	10.73	110.58
38383	81.33	3.95	1.75	306.68	-144.64	-1324.75	21.26	60.88	106.54
38384	82.48	3.95	1.75	256.86	-144.27	-1219.62	15.99	102.06	103.19
38385	83.63	3.95	1.75	210.31	-144.56	-1109.89	11.39	133.94	100.47
38386	84.79	3.96	1.75	167.67	-145.46	-998.17	7.30	156.54	98.29
38387	85.94	3.96	1.75	129.47	-146.90	-886.75	3.67	170.20	96.54
38388	87.09	3.96	1.75	96.12	-148.79	-777.64	0.47	175.48	95.11
38389	88.24	3.96	1.75	67.87	-150.98	-672.54	-2.27	173.16	93.94
38390	89.39	3.96	1.75	44.80	-153.31	-572.78	-4.47	164.12	92.99
38391	90.55	3.96	1.75	26.84	-155.56	-479.38	-6.00	149.30	92.29
38392	91.70	3.96	1.75	13.69	-157.46	-393.01	-6.68	129.67	91.88
38393	92.85	3.96	1.75	4.87	-158.63	-314.03	-6.22	106.13	91.79
38394	94.00	3.96	1.75	-0.44	-158.51	-242.45	-4.18	79.56	91.86
38395	95.15	3.96	1.75	-3.41	-156.39	-178.29	0.13	50.77	91.18
38396	96.31	3.96	1.75	-3.92	-152.09	-122.25	6.38	20.03	88.48
38397	79.02	5.05	1.75	400.17	-158.48	-1527.79	43.81	-53.21	167.46
38398	80.15	5.05	1.75	348.78	-156.57	-1443.14	34.20	4.58	161.32
38399	81.29	5.06	1.75	298.71	-155.43	-1348.20	25.95	54.62	155.54
38400	82.42	5.06	1.75	250.71	-155.04	-1245.80	18.86	96.04	150.22
38401	83.56	5.06	1.75	205.56	-155.35	-1138.69	12.75	128.42	145.38
38402	84.69	5.06	1.75	163.95	-156.27	-1029.42	7.50	151.71	140.98
38403	85.83	5.06	1.75	126.46	-157.70	-920.34	2.99	166.20	136.98
38404	86.96	5.07	1.75	93.55	-159.50	-813.49	-0.78	172.44	133.35
38405	88.09	5.07	1.75	65.50	-161.51	-710.61	-3.83	171.17	130.07
38406	89.23	5.07	1.75	42.47	-163.54	-613.11	-6.08	163.25	127.16
38407	90.36	5.07	1.75	24.40	-165.33	-522.05	-7.42	149.63	124.69
38408	91.50	5.08	1.75	11.10	-166.58	-438.21	-7.65	131.23	122.73
38409	92.63	5.08	1.75	2.15	-166.83	-362.02	-6.47	108.89	121.29
38410	93.77	5.08	1.75	-3.12	-165.42	-293.59	-3.43	83.33	120.12
38411	94.90	5.08	1.75	-5.64	-161.49	-232.50	2.14	54.72	117.98
38412	96.04	5.08	1.75	-6.26	-155.22	-178.37	9.47	23.45	113.32

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
38413	79.01	6.15	1.75	383.52	-173.61	-1542.90	53.02	-60.33	221.25
38414	80.12	6.15	1.75	335.47	-171.44	-1461.68	41.00	-3.65	213.75
38415	81.23	6.16	1.75	288.26	-170.09	-1370.41	30.64	45.82	206.29
38416	82.35	6.16	1.75	242.65	-169.50	-1271.73	21.76	87.13	199.03
38417	83.46	6.16	1.75	199.41	-169.61	-1168.28	14.19	119.80	192.06
38418	84.57	6.16	1.75	159.27	-170.31	-1062.58	7.79	143.71	185.41
38419	85.68	6.17	1.75	122.86	-171.46	-956.93	2.47	159.10	179.14
38420	86.80	6.17	1.75	90.66	-172.89	-853.38	-1.84	166.46	173.27
38421	87.91	6.17	1.75	63.03	-174.41	-753.71	-5.14	166.48	167.87
38422	89.02	6.17	1.75	40.16	-175.81	-659.34	-7.39	160.00	163.01
38423	90.14	6.18	1.75	22.07	-176.81	-571.43	-8.48	147.91	158.79
38424	91.25	6.18	1.75	8.64	-177.05	-490.81	-8.22	131.07	155.27
38425	92.36	6.18	1.75	-0.46	-176.01	-418.00	-6.30	110.24	152.41
38426	93.48	6.18	1.75	-5.74	-172.91	-353.16	-2.21	85.91	149.79
38427	94.59	6.18	1.75	-7.95	-166.65	-295.27	4.64	57.68	145.89
38428	95.70	6.19	1.75	-8.97	-158.23	-243.16	12.77	25.84	139.03
38429	78.99	7.25	1.75	363.06	-192.97	-1555.88	62.01	-68.86	275.77
38430	80.08	7.25	1.75	318.96	-190.50	-1478.65	47.76	-13.91	267.07
38431	81.17	7.25	1.75	275.19	-188.79	-1391.81	35.44	34.47	258.08
38432	82.26	7.25	1.75	232.50	-187.80	-1297.79	24.89	75.29	249.00
38433	83.34	7.25	1.75	191.67	-187.46	-1199.06	15.94	108.00	239.99
38434	84.43	7.26	1.75	153.46	-187.63	-1098.02	8.47	132.44	231.20
38435	85.52	7.26	1.75	118.51	-188.17	-996.91	2.38	148.75	222.74
38436	86.60	7.26	1.75	87.35	-188.88	-897.73	-2.41	157.38	214.74
38437	87.69	7.26	1.75	60.38	-189.55	-802.24	-5.92	158.94	207.31
38438	88.78	7.26	1.75	37.83	-189.95	-711.91	-8.15	154.20	200.58
38439	89.87	7.26	1.75	19.82	-189.79	-627.91	-8.97	143.96	194.67
38440	90.95	7.26	1.75	6.28	-188.63	-551.17	-8.20	129.02	189.64
38441	92.04	7.26	1.75	-2.98	-185.89	-482.27	-5.54	109.94	185.32
38442	93.13	7.26	1.75	-8.31	-180.69	-421.36	-0.44	86.94	181.00
38443	94.22	7.27	1.75	-10.27	-171.78	-366.68	7.64	59.19	174.67
38444	95.30	7.27	1.75	-11.88	-160.87	-316.01	16.31	27.58	165.63
38445	79.04	3.95	0.25	362.03	-124.80	-1366.37	33.99	-100.25	90.17
38446	80.21	3.95	0.25	315.04	-123.27	-1288.00	26.51	-42.58	87.08
38447	81.39	3.95	0.25	269.66	-122.68	-1200.66	19.97	7.89	84.29
38448	82.57	3.95	0.25	226.47	-123.05	-1106.78	14.25	50.38	81.88
38449	83.74	3.95	0.25	186.06	-124.34	-1008.72	9.22	84.44	79.87
38450	84.92	3.95	0.25	148.97	-126.49	-908.71	4.78	110.02	78.24
38451	86.09	3.96	0.25	115.68	-129.43	-808.73	0.84	127.31	76.98
38452	87.27	3.96	0.25	86.56	-133.09	-710.52	-2.63	136.77	76.08
38453	88.45	3.96	0.25	61.86	-137.35	-615.56	-5.66	139.02	75.57
38454	89.62	3.96	0.25	41.70	-142.10	-525.00	-8.24	134.80	75.52
38455	90.80	3.96	0.25	26.05	-147.20	-439.73	-10.30	124.91	76.08
38456	91.97	3.96	0.25	14.78	-152.48	-360.38	-11.76	110.13	77.49
38457	93.15	3.96	0.25	7.54	-157.66	-287.30	-12.42	91.14	80.13
38458	94.33	3.96	0.25	3.70	-162.29	-220.69	-11.82	68.47	84.53
38459	95.50	3.96	0.25	1.79	-165.20	-160.71	-8.59	42.61	91.22
38460	96.68	3.96	0.25	-3.05	-162.26	-108.97	3.11	16.65	95.65
38461	79.03	5.05	0.25	349.28	-139.06	-1382.00	43.42	-103.44	133.39
38462	80.19	5.05	0.25	304.64	-137.29	-1305.90	33.59	-46.73	129.31
38463	81.35	5.06	0.25	261.27	-136.54	-1220.98	25.01	3.19	125.29
38464	82.51	5.06	0.25	219.75	-136.78	-1129.57	17.54	45.48	121.45
38465	83.67	5.06	0.25	180.65	-137.97	-1033.97	11.05	79.65	117.87
38466	84.82	5.06	0.25	144.56	-140.03	-936.34	5.42	105.60	114.59
38467	85.98	5.06	0.25	111.96	-142.88	-838.67	0.56	123.49	111.67
38468	87.14	5.07	0.25	83.26	-146.41	-742.71	-3.59	133.73	109.15
38469	88.30	5.07	0.25	58.73	-150.51	-649.93	-7.09	136.93	107.14
38470	89.46	5.07	0.25	38.52	-155.07	-561.56	-9.92	133.81	105.76
38471	90.62	5.07	0.25	22.64	-159.93	-478.55	-12.06	125.15	105.24
38472	91.78	5.07	0.25	10.97	-164.90	-401.63	-13.40	111.77	105.88
38473	92.94	5.08	0.25	3.22	-169.66	-331.37	-13.74	94.36	108.15
38474	94.10	5.08	0.25	-1.11	-173.60	-268.37	-12.51	73.42	112.67
38475	95.26	5.08	0.25	-3.09	-175.29	-214.05	-8.08	49.23	119.91
38476	96.41	5.08	0.25	-5.41	-168.33	-167.61	6.53	21.36	123.18
38477	79.02	6.15	0.25	333.01	-157.47	-1396.24	52.78	-107.54	177.82
38478	80.16	6.15	0.25	291.28	-155.42	-1322.89	40.72	-52.34	172.82
38479	81.29	6.16	0.25	250.46	-154.40	-1241.05	30.17	-3.42	167.63
38480	82.43	6.16	0.25	211.08	-154.39	-1152.87	21.01	38.33	162.41
38481	83.57	6.16	0.25	173.73	-155.33	-1060.55	13.10	72.40	157.31
38482	84.71	6.16	0.25	139.01	-157.12	-966.18	6.33	98.61	152.43
38483	85.85	6.16	0.25	107.42	-159.67	-871.67	0.57	117.10	147.88
38484	86.98	6.17	0.25	79.38	-162.87	-778.78	-4.25	128.23	143.81
38485	88.12	6.17	0.25	55.19	-166.61	-688.98	-8.19	132.56	140.37
38486	89.26	6.17	0.25	35.05	-170.76	-603.52	-11.28	130.79	137.76
38487	90.40	6.17	0.25	18.98	-175.17	-523.45	-13.49	123.67	136.28
38488	91.54	6.18	0.25	6.92	-179.61	-449.59	-14.72	112.00	136.29
38489	92.67	6.18	0.25	-1.35	-183.71	-382.79	-14.73	96.46	138.31
38490	93.81	6.18	0.25	-6.18	-186.65	-324.10	-12.80	77.53	142.98
38491	94.95	6.18	0.25	-8.29	-186.54	-276.19	-6.99	55.23	150.65
38492	96.09	6.19	0.25	-8.11	-174.52	-235.43	10.70	24.87	151.98
38493	79.01	7.25	0.25	313.17	-180.19	-1409.82	62.00	-112.55	223.00
38494	80.12	7.25	0.25	274.89	-177.81	-1339.62	47.89	-59.38	217.16
38495	81.23	7.25	0.25	237.09	-176.44	-1261.41	35.54	-11.92	210.91
38496	82.34	7.25	0.25	200.31	-176.04	-1177.17	24.81	28.93	204.44
38497	83.46	7.25	0.25	165.14	-176.53	-1088.92	15.57	62.65	197.94
38498	84.57	7.26	0.25	132.16	-177.85	-998.62	7.70	89.02	191.58
38499	85.68	7.26	0.25	101.89	-179.89	-908.12	1.08	108.10	185.56
38500	86.79	7.26	0.25	74.78	-182.54	-819.11	-4.37	120.20	180.08
38501	87.91	7.26	0.25	51.14	-185.68	-733.06	-8.75	125.84	175.37
38502	89.02	7.26	0.25	31.18	-189.19	-651.24	-12.10	125.65	171.71
38503	90.13	7.26	0.25	15.00	-192.91	-574.75	-14.40	120.35	169.44
38504	91.24	7.26	0.25	2.55	-196.55	-504.60	-15.54	110.69	169.01
38505	92.36	7.26	0.25	-6.25	-199.69	-441.91	-15.23	97.31	170.95
38506	93.47	7.26	0.25	-11.56	-201.28	-388.26	-12.57	80.54	175.79
38507	94.58	7.26	0.25	-13.75	-198.73	-347.43	-5.18	60.08	183.37
38508	95.70	7.27	0.25	-11.12	-180.40	-312.00	15.73	27.56	182.18
38509	79.05	3.95	-1.25	299.47	-84.80	-1237.47	30.40	-142.23	62.31
38510	80.25	3.95	-1.25	261.04	-83.91	-1166.58	23.24	-85.19	60.68
38511	81.45	3.95	-1.25	223.84	-84.21	-1087.97	16.90	-34.62	59.13

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
38512	82.65	3.95	-1.25	188.34	-85.67	-1003.69	11.30	8.69	57.72
38513	83.85	3.95	-1.25	155.02	-88.26	-915.73	6.35	44.31	56.50
38514	85.05	3.95	-1.25	124.35	-91.93	-825.96	1.97	72.09	55.52
38515	86.25	3.96	-1.25	96.76	-96.62	-736.06	-1.93	92.14	54.80
38516	87.45	3.96	-1.25	72.59	-102.26	-647.52	-5.41	104.82	54.38
38517	88.65	3.96	-1.25	52.11	-108.81	-561.55	-8.52	110.64	54.33
38518	89.85	3.96	-1.25	35.51	-116.21	-479.16	-11.31	110.21	54.76
38519	91.05	3.96	-1.25	22.86	-124.46	-401.09	-13.82	104.24	55.85
38520	92.25	3.96	-1.25	14.25	-133.56	-327.86	-16.12	93.38	57.92
38521	93.45	3.96	-1.25	9.72	-143.60	-259.79	-18.33	78.22	61.53
38522	94.65	3.96	-1.25	9.47	-154.80	-196.99	-20.64	59.05	67.83
38523	95.85	3.96	-1.25	14.03	-167.58	-139.32	-23.35	35.40	79.83
38524	97.05	3.96	-1.25	24.75	-183.66	-86.06	-28.14	3.71	113.77
38525	79.04	5.05	-1.25	288.01	-100.49	-1251.97	38.99	-143.30	96.81
38526	80.23	5.05	-1.25	251.50	-99.34	-1182.87	29.74	-87.50	94.59
38527	81.41	5.06	-1.25	215.99	-99.43	-1106.28	21.56	-37.80	92.23
38528	82.59	5.06	-1.25	181.90	-100.71	-1024.15	14.37	5.00	89.82
38529	83.78	5.06	-1.25	149.72	-103.15	-938.37	8.07	40.42	87.48
38530	84.96	5.06	-1.25	119.92	-106.68	-850.76	2.56	68.29	85.28
38531	86.14	5.06	-1.25	92.95	-111.24	-762.98	-2.24	88.70	83.32
38532	87.33	5.07	-1.25	69.14	-116.77	-676.49	-6.43	101.94	81.69
38533	88.51	5.07	-1.25	48.79	-123.24	-592.53	-10.09	108.49	80.51
38534	89.69	5.07	-1.25	32.08	-130.61	-512.10	-13.29	108.98	79.96
38535	90.87	5.07	-1.25	19.10	-138.90	-436.00	-16.10	104.06	80.29
38536	92.06	5.07	-1.25	9.88	-148.16	-364.81	-18.64	94.42	81.91
38537	93.24	5.08	-1.25	4.45	-158.55	-299.03	-21.06	80.70	85.52
38538	94.42	5.08	-1.25	2.87	-170.41	-239.22	-23.60	63.37	92.62
38539	95.61	5.08	-1.25	5.53	-184.38	-186.12	-26.69	42.36	106.97
38540	96.79	5.08	-1.25	14.26	-204.21	-151.38	-31.83	16.84	148.40
38541	79.03	6.15	-1.25	273.45	-120.29	-1266.06	47.60	-144.78	132.26
38542	80.19	6.15	-1.25	239.33	-118.84	-1199.13	36.36	-90.75	129.49
38543	81.36	6.16	-1.25	205.93	-118.64	-1125.06	26.42	-42.37	126.36
38544	82.52	6.16	-1.25	173.65	-119.65	-1045.64	17.70	-0.42	123.01
38545	83.68	6.16	-1.25	142.97	-121.81	-962.68	10.10	34.58	119.59
38546	84.84	6.16	-1.25	114.36	-125.07	-877.91	3.51	62.41	116.24
38547	86.01	6.16	-1.25	88.26	-129.38	-792.91	-2.19	83.11	113.10
38548	87.17	6.17	-1.25	65.03	-134.67	-709.13	-7.09	96.96	110.32
38549	88.33	6.17	-1.25	44.94	-140.94	-627.77	-11.32	104.38	108.10
38550	89.50	6.17	-1.25	28.21	-148.18	-549.87	-14.96	105.95	106.67
38551	90.66	6.17	-1.25	14.91	-156.44	-476.25	-18.13	102.32	106.37
38552	91.82	6.18	-1.25	5.07	-165.83	-407.61	-20.97	94.17	107.69
38553	92.98	6.18	-1.25	-1.33	-176.60	-344.64	-23.69	82.17	111.51
38554	94.15	6.18	-1.25	-4.32	-189.22	-288.42	-26.54	67.02	119.65
38555	95.31	6.18	-1.25	-3.69	-204.56	-240.81	-29.98	49.08	136.82
38556	96.47	6.18	-1.25	2.88	-228.41	-227.47	-35.06	29.89	186.49
38557	79.02	7.25	-1.25	255.75	-144.34	-1280.48	56.19	-146.71	168.38
38558	80.16	7.25	-1.25	224.46	-142.55	-1216.01	43.12	-94.95	165.09
38559	81.29	7.25	-1.25	193.57	-141.99	-1144.86	31.57	-48.29	161.26
38560	82.43	7.25	-1.25	163.48	-142.62	-1068.68	21.43	-7.54	157.06
38561	83.57	7.25	-1.25	134.64	-144.39	-989.12	12.61	26.78	152.67
38562	84.71	7.26	-1.25	107.52	-147.26	-907.79	4.97	54.42	148.28
38563	85.85	7.26	-1.25	82.55	-151.17	-826.21	-1.60	75.37	144.08
38564	86.98	7.26	-1.25	60.09	-156.10	-745.73	-7.21	89.85	140.30
38565	88.12	7.26	-1.25	40.43	-162.04	-667.55	-12.02	98.25	137.19
38566	89.26	7.26	-1.25	23.76	-169.06	-592.71	-16.16	101.07	135.06
38567	90.40	7.26	-1.25	10.18	-177.23	-522.08	-19.75	98.94	134.30
38568	91.54	7.26	-1.25	-0.32	-186.72	-456.48	-22.99	92.52	135.55
38569	92.67	7.26	-1.25	-7.77	-197.89	-396.85	-26.13	82.52	139.83
38570	93.81	7.26	-1.25	-12.25	-211.38	-344.95	-29.43	69.81	149.33
38571	94.95	7.26	-1.25	-13.61	-228.36	-304.09	-33.23	55.24	169.70
38572	96.09	7.27	-1.25	-9.29	-256.33	-314.22	-37.68	43.00	228.64
38573	60.59	3.96	1.75	2054.55	434.54	112.36	577.00	-922.22	-23.65
38574	61.75	3.96	1.75	2011.39	125.89	-185.37	364.02	-995.19	243.82
38575	62.90	3.96	1.75	1824.62	109.43	-607.94	214.14	-919.74	254.10
38576	64.05	3.96	1.75	1637.22	56.31	-933.85	142.96	-812.61	227.55
38577	65.20	3.96	1.75	1456.74	-14.39	-1152.13	120.04	-730.60	199.80
38578	66.35	3.96	1.75	1290.47	-75.15	-1305.01	119.77	-675.15	179.64
38579	67.51	3.96	1.75	1144.33	-116.78	-1420.31	123.82	-634.61	166.81
38580	68.66	3.96	1.75	1020.74	-141.78	-1512.03	124.40	-598.39	159.03
38581	69.81	3.96	1.75	918.24	-155.13	-1585.80	119.95	-559.24	154.01
38582	70.96	3.96	1.75	832.99	-161.04	-1642.80	111.38	-513.08	150.10
38583	72.11	3.96	1.75	760.39	-162.44	-1682.18	100.19	-458.45	146.28
38584	73.27	3.95	1.75	696.15	-161.26	-1702.52	87.77	-395.87	142.02
38585	74.42	3.95	1.75	636.76	-158.72	-1702.72	75.20	-327.21	137.16
38586	75.57	3.95	1.75	579.78	-155.65	-1682.48	63.25	-255.17	131.78
38587	76.72	3.95	1.75	523.77	-152.54	-1642.44	52.37	-182.72	126.14
38588	77.87	3.95	1.75	468.18	-149.72	-1584.17	42.76	-112.71	120.53
38589	60.86	5.08	1.75	1364.22	206.17	-75.90	206.21	-1066.08	87.65
38590	62.00	5.08	1.75	1672.11	256.11	-285.72	357.72	-1059.81	305.54
38591	63.13	5.08	1.75	1693.54	176.91	-700.64	220.31	-938.98	316.15
38592	64.27	5.08	1.75	1583.82	60.99	-1011.56	156.55	-815.25	281.37
38593	65.40	5.08	1.75	1422.50	-43.31	-1215.31	152.21	-726.10	249.13
38594	66.54	5.07	1.75	1254.97	-111.46	-1355.09	163.85	-666.93	227.63
38595	67.67	5.07	1.75	1104.92	-149.87	-1459.37	171.08	-624.80	215.44
38596	68.81	5.07	1.75	979.72	-169.44	-1542.21	169.64	-588.47	209.02
38597	69.94	5.07	1.75	878.05	-178.03	-1609.02	161.00	-550.17	205.47
38598	71.07	5.06	1.75	795.20	-180.37	-1660.77	147.63	-505.55	202.87
38599	72.21	5.06	1.75	725.86	-179.23	-1696.48	131.67	-452.93	200.08
38600	73.34	5.06	1.75	665.29	-176.23	-1714.65	114.74	-392.63	196.53
38601	74.48	5.06	1.75	609.74	-172.39	-1714.06	97.99	-326.33	192.00
38602	75.61	5.06	1.75	556.59	-168.34	-1694.24	82.18	-256.50	186.56
38603	76.75	5.05	1.75	504.29	-164.51	-1655.61	67.76	-185.93	180.42
38604	77.88	5.05	1.75	452.17	-161.16	-1599.44	54.96	-117.36	173.92
38605	61.20	6.19	1.75	1322.08	150.54	-251.16	218.08	-1072.77	188.57
38606	62.31	6.18	1.75	1604.05	335.62	-432.00	201.42	-1067.36	361.87
38607	63.42	6.18	1.75	1679.86	200.67	-821.07	152.25	-928.99	354.27
38608	64.54	6.18	1.75	1566.96	16.56	-1108.99	167.70	-800.07	319.72
38609	65.65	6.18	1.75	1382.71	-99.25	-1291.25	202.53	-708.44	288.75
38610	66.76	6.18	1.75	1199.36	-158.40	-1413.25	223.40	-648.80	270.52

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
38611	67.88	6.17	1.75	1044.02	-186.21	-1503.56	227.07	-607.65	261.68
38612	68.99	6.17	1.75	920.15	-198.15	-1575.50	218.63	-572.92	257.93
38613	70.10	6.17	1.75	822.80	-201.88	-1633.75	202.97	-536.61	256.43
38614	71.22	6.17	1.75	745.31	-201.23	-1678.87	183.41	-494.33	255.43
38615	72.33	6.16	1.75	681.48	-198.23	-1709.73	162.17	-444.42	253.91
38616	73.44	6.16	1.75	626.23	-194.03	-1724.75	140.67	-387.11	251.29
38617	74.55	6.16	1.75	575.75	-189.36	-1722.66	119.88	-323.90	247.35
38618	75.67	6.16	1.75	527.42	-184.69	-1702.83	100.43	-257.05	242.12
38619	76.78	6.15	1.75	479.64	-180.36	-1665.46	82.71	-189.16	235.80
38620	77.89	6.15	1.75	431.71	-176.60	-1611.57	66.89	-122.80	228.69
38621	61.60	7.27	1.75	1797.03	341.22	-418.12	-51.76	-1004.42	406.00
38622	62.68	7.27	1.75	1895.22	381.32	-601.58	75.92	-1001.07	368.47
38623	63.77	7.26	1.75	1770.51	101.23	-975.37	164.67	-876.91	372.23
38624	64.86	7.26	1.75	1536.61	-84.03	-1227.40	250.81	-756.63	342.10
38625	65.95	7.26	1.75	1299.46	-167.07	-1379.13	291.93	-671.70	320.63
38626	67.03	7.26	1.75	1103.61	-202.35	-1478.76	298.53	-618.77	310.70
38627	68.12	7.26	1.75	952.88	-217.57	-1552.89	286.93	-582.92	307.09
38628	69.21	7.26	1.75	838.75	-223.31	-1612.49	266.56	-552.10	306.53
38629	70.30	7.26	1.75	751.67	-224.11	-1660.93	242.09	-518.99	307.12
38630	71.38	7.26	1.75	683.47	-222.16	-1698.25	216.01	-479.82	307.67
38631	72.47	7.26	1.75	627.69	-218.61	-1723.16	189.75	-433.22	307.36
38632	73.56	7.25	1.75	579.46	-214.18	-1734.07	164.18	-379.48	305.70
38633	74.64	7.25	1.75	535.22	-209.39	-1729.68	139.90	-320.00	302.47
38634	75.73	7.25	1.75	492.55	-204.61	-1709.27	117.34	-256.82	297.64
38635	76.82	7.25	1.75	449.99	-200.15	-1672.88	96.76	-192.34	291.39
38636	77.91	7.25	1.75	406.85	-196.22	-1621.27	78.31	-128.94	283.97
38637	60.22	3.96	0.25	924.84	246.71	-434.93	755.65	-337.78	112.14
38638	61.40	3.96	0.25	1095.12	-107.84	-236.30	487.12	-680.26	133.03
38639	62.57	3.96	0.25	1133.40	-38.49	-434.71	293.45	-831.20	192.05
38640	63.75	3.96	0.25	1153.62	-23.26	-715.06	186.53	-865.88	193.24
38641	64.93	3.96	0.25	1128.36	-53.41	-956.99	139.53	-837.49	173.22
38642	66.10	3.96	0.25	1063.87	-91.59	-1140.05	125.41	-787.66	151.15
38643	67.28	3.96	0.25	980.12	-120.25	-1275.07	122.61	-733.80	134.23
38644	68.45	3.96	0.25	893.27	-137.30	-1375.10	120.50	-680.11	123.13
38645	69.63	3.96	0.25	811.90	-145.38	-1448.96	115.57	-625.64	116.31
38646	70.81	3.96	0.25	738.86	-147.54	-1501.44	107.55	-568.43	112.01
38647	71.98	3.95	0.25	673.82	-146.16	-1534.66	97.30	-507.16	108.92
38648	73.16	3.95	0.25	615.11	-142.85	-1549.39	85.87	-441.66	106.17
38649	74.33	3.95	0.25	560.79	-138.72	-1545.94	74.13	-372.80	103.33
38650	75.51	3.95	0.25	509.19	-134.46	-1524.79	62.75	-302.19	100.24
38651	76.69	3.95	0.25	459.18	-130.54	-1486.80	52.14	-231.86	96.92
38652	77.86	3.95	0.25	410.17	-127.25	-1433.37	42.53	-163.90	93.50
38653	60.49	5.08	0.25	-94.61	-153.60	-857.38	215.57	-142.02	296.30
38654	61.64	5.08	0.25	618.18	63.99	-350.82	457.16	-594.80	227.67
38655	62.80	5.08	0.25	956.18	58.15	-521.75	293.93	-819.33	268.04
38656	63.96	5.08	0.25	1093.47	-4.90	-790.23	194.50	-864.19	253.43
38657	65.12	5.07	0.25	1099.71	-77.96	-1020.48	166.31	-832.11	221.00
38658	66.28	5.07	0.25	1036.89	-127.69	-1191.60	164.93	-777.20	192.71
38659	67.44	5.07	0.25	948.91	-155.08	-1315.94	166.33	-720.42	173.94
38660	68.60	5.07	0.25	859.19	-167.50	-1407.06	163.04	-666.02	163.10
38661	69.76	5.07	0.25	777.34	-171.07	-1473.85	154.50	-612.34	157.30
38662	70.92	5.06	0.25	705.63	-169.73	-1520.93	142.07	-556.82	154.16
38663	72.08	5.06	0.25	642.99	-165.83	-1550.26	127.37	-497.75	152.10
38664	73.23	5.06	0.25	587.23	-160.76	-1562.47	111.71	-434.70	150.15
38665	74.39	5.06	0.25	536.09	-155.38	-1557.75	96.06	-368.34	147.81
38666	75.55	5.06	0.25	487.70	-150.23	-1536.39	81.08	-300.11	144.90
38667	76.71	5.05	0.25	440.82	-145.65	-1499.10	67.19	-231.90	141.41
38668	77.87	5.05	0.25	394.75	-141.87	-1447.07	54.61	-165.71	137.49
38669	60.81	6.19	0.25	-153.74	-272.49	-1004.73	172.72	-133.53	389.35
38670	61.95	6.18	0.25	533.05	150.72	-480.57	210.00	-618.63	389.20
38671	63.09	6.18	0.25	957.73	100.21	-635.63	175.03	-835.36	355.58
38672	64.23	6.18	0.25	1100.23	-43.36	-890.42	181.20	-863.79	305.31
38673	65.36	6.18	0.25	1082.11	-133.31	-1101.52	203.71	-817.93	258.93
38674	66.50	6.17	0.25	999.17	-177.24	-1254.72	217.37	-756.25	227.96
38675	67.64	6.17	0.25	901.38	-195.26	-1364.21	218.39	-697.90	210.56
38676	68.78	6.17	0.25	809.37	-200.22	-1443.67	209.70	-644.64	201.88
38677	69.92	6.17	0.25	729.35	-198.74	-1501.45	194.85	-593.30	198.05
38678	71.05	6.16	0.25	661.32	-194.18	-1541.68	176.59	-540.67	196.50
38679	72.19	6.16	0.25	603.02	-188.25	-1566.01	156.80	-484.76	195.69
38680	73.33	6.16	0.25	551.71	-181.88	-1574.85	136.74	-425.00	194.66
38681	74.47	6.16	0.25	504.90	-175.63	-1568.23	117.23	-361.93	192.95
38682	75.61	6.16	0.25	460.65	-169.85	-1546.30	98.82	-296.85	190.33
38683	76.74	6.15	0.25	417.65	-164.79	-1509.59	81.85	-231.50	186.83
38684	77.88	6.15	0.25	375.19	-160.61	-1459.08	66.48	-167.79	182.56
38685	61.20	7.27	0.25	563.97	-75.72	-888.00	-264.46	-448.94	723.56
38686	62.32	7.26	0.25	981.71	203.31	-603.07	-19.48	-747.23	504.86
38687	63.43	7.26	0.25	1148.32	-11.04	-791.58	136.51	-865.37	409.31
38688	64.54	7.26	0.25	1134.75	-148.89	-1021.40	238.08	-847.30	332.68
38689	65.66	7.26	0.25	1042.08	-207.36	-1201.81	279.79	-784.08	284.50
38690	66.77	7.26	0.25	931.55	-228.26	-1329.56	286.71	-720.09	258.74
38691	67.88	7.26	0.25	828.34	-233.23	-1419.95	276.01	-664.87	246.24
38692	68.99	7.26	0.25	739.95	-231.17	-1485.25	256.73	-615.96	240.99
38693	70.11	7.26	0.25	666.56	-226.01	-1532.39	233.48	-568.97	239.43
38694	71.22	7.26	0.25	605.67	-219.56	-1564.57	208.75	-520.49	239.47
38695	72.33	7.26	0.25	554.10	-212.67	-1582.91	183.92	-468.65	239.79
38696	73.44	7.25	0.25	508.87	-205.79	-1587.58	159.77	-412.92	239.60
38697	74.56	7.25	0.25	467.54	-199.24	-1578.46	136.82	-353.81	238.47
38698	75.67	7.25	0.25	428.26	-193.26	-1555.54	115.42	-292.55	236.19
38699	76.78	7.25	0.25	389.82	-188.00	-1519.20	95.75	-230.75	232.75
38700	77.89	7.25	0.25	351.52	-183.60	-1470.21	77.94	-170.16	228.27
38701	59.85	3.96	-1.25	914.11	-51.80	-526.18	566.46	-227.33	325.07
38702	61.05	3.96	-1.25	787.97	-193.16	-467.44	390.96	-411.15	102.09
38703	62.25	3.96	-1.25	737.71	-127.50	-502.72	270.46	-605.41	126.10
38704	63.45	3.96	-1.25	754.99	-83.18	-651.70	187.69	-744.41	137.18
38705	64.65	3.96	-1.25	777.52	-80.12	-836.03	142.10	-802.10	127.40
38706	65.85	3.96	-1.25	773.93	-93.06	-1004.62	122.51	-801.54	109.99
38707	67.05	3.96	-1.25	744.73	-105.43	-1140.58	114.68	-769.44	94.29
38708	68.25	3.96	-1.25	700.35	-112.46	-1243.72	109.84	-722.19	83.22
38709	69.45	3.96	-1.25	650.06	-114.37	-1318.55	104.18	-667.35	76.44



Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
38710	70.65	3.96	-1.25	599.43	-112.67	-1369.51	96.69	-607.75	72.63
38711	71.85	3.95	-1.25	550.90	-108.82	-1399.78	87.61	-544.39	70.53
38712	73.05	3.95	-1.25	505.03	-103.94	-1411.45	77.56	-477.94	69.22
38713	74.25	3.95	-1.25	461.48	-98.84	-1405.94	67.18	-409.32	68.11
38714	75.45	3.95	-1.25	419.59	-94.07	-1384.44	56.98	-339.84	66.92
38715	76.65	3.95	-1.25	378.80	-89.99	-1348.19	47.33	-271.07	65.53
38716	77.85	3.95	-1.25	338.79	-86.85	-1298.63	38.44	-204.67	63.96
38717	60.11	5.08	-1.25	389.86	-277.96	-829.26	300.35	-37.09	487.93
38718	61.29	5.08	-1.25	476.34	-106.30	-648.78	375.06	-265.14	210.78
38719	62.48	5.08	-1.25	595.53	-61.87	-595.88	280.69	-562.52	204.04
38720	63.66	5.08	-1.25	702.51	-72.58	-722.36	201.43	-735.28	196.21
38721	64.84	5.07	-1.25	755.04	-103.45	-895.95	167.91	-795.48	169.94
38722	66.03	5.07	-1.25	755.29	-126.89	-1055.14	157.45	-790.09	143.39
38723	67.21	5.07	-1.25	722.84	-138.97	-1182.01	152.92	-754.14	124.22
38724	68.39	5.07	-1.25	675.25	-142.41	-1276.99	147.23	-705.46	112.69
38725	69.58	5.07	-1.25	623.51	-140.50	-1344.98	138.61	-651.06	106.70
38726	70.76	5.06	-1.25	573.05	-135.68	-1390.54	127.38	-593.07	104.07
38727	71.94	5.06	-1.25	525.82	-129.53	-1416.79	114.43	-531.95	103.14
38728	73.13	5.06	-1.25	481.93	-123.03	-1425.70	100.67	-468.03	102.83
38729	74.31	5.06	-1.25	440.67	-116.79	-1418.57	86.84	-402.01	102.47
38730	75.49	5.06	-1.25	401.22	-111.19	-1396.43	73.47	-335.03	101.74
38731	76.68	5.05	-1.25	362.87	-106.50	-1360.38	60.92	-268.53	100.52
38732	77.86	5.05	-1.25	325.19	-102.89	-1311.71	49.39	-204.11	98.82
38733	60.43	6.18	-1.25	322.82	-393.18	-1006.34	247.92	-51.33	585.66
38734	61.59	6.18	-1.25	403.22	-86.67	-744.35	225.18	-288.08	397.03
38735	62.75	6.18	-1.25	587.02	-49.29	-682.72	197.06	-591.52	321.32
38736	63.92	6.18	-1.25	708.93	-111.21	-806.69	192.06	-747.96	257.00
38737	65.08	6.18	-1.25	748.17	-154.68	-971.52	198.30	-788.19	205.13
38738	66.24	6.17	-1.25	732.77	-174.12	-1118.09	201.35	-770.67	170.70
38739	67.40	6.17	-1.25	690.38	-178.81	-1232.21	197.77	-729.96	150.83
38740	68.57	6.17	-1.25	638.55	-175.87	-1316.11	188.26	-680.89	140.81
38741	69.73	6.17	-1.25	586.36	-169.38	-1375.16	174.56	-628.34	136.72
38742	70.89	6.16	-1.25	537.59	-161.51	-1413.80	158.34	-573.22	135.82
38743	72.06	6.16	-1.25	493.09	-153.37	-1434.91	140.91	-515.41	136.32
38744	73.22	6.16	-1.25	452.32	-145.56	-1440.25	123.23	-454.94	137.11
38745	74.38	6.16	-1.25	414.32	-138.45	-1430.93	105.95	-392.35	137.56
38746	75.54	6.16	-1.25	378.06	-132.23	-1407.82	89.52	-328.63	137.34
38747	76.71	6.15	-1.25	342.77	-127.06	-1371.86	74.23	-265.13	136.34
38748	77.87	6.15	-1.25	307.96	-123.04	-1324.16	60.22	-203.35	134.59
38749	60.81	7.27	-1.25	617.18	-399.36	-915.88	46.01	-364.31	807.38
38750	61.95	7.26	-1.25	670.20	-98.32	-756.81	93.42	-497.10	562.13
38751	63.09	7.26	-1.25	728.74	-157.54	-778.35	175.95	-685.10	400.31
38752	64.23	7.26	-1.25	751.40	-207.89	-915.06	236.21	-764.23	288.77
38753	65.36	7.26	-1.25	733.89	-225.35	-1067.18	259.21	-767.70	225.40
38754	66.50	7.26	-1.25	691.79	-225.84	-1194.82	259.65	-737.34	192.11
38755	67.64	7.26	-1.25	639.65	-219.01	-1291.51	248.12	-694.72	175.86
38756	68.78	7.26	-1.25	586.60	-209.39	-1361.32	230.41	-648.10	169.15
38757	69.92	7.26	-1.25	537.13	-199.10	-1409.47	209.66	-599.48	167.59
38758	71.05	7.26	-1.25	492.57	-189.09	-1439.85	187.75	-548.68	168.54
38759	72.19	7.26	-1.25	452.65	-179.75	-1454.86	165.74	-495.24	170.39
38760	73.33	7.25	-1.25	416.36	-171.25	-1455.93	144.31	-439.07	172.18
38761	74.47	7.25	-1.25	382.57	-163.71	-1443.91	123.87	-380.64	173.34
38762	75.61	7.25	-1.25	350.25	-157.19	-1419.51	104.71	-320.87	173.58
38763	76.74	7.25	-1.25	318.60	-151.74	-1383.48	87.00	-261.01	172.78
38764	77.88	7.25	-1.25	287.15	-147.42	-1336.76	70.82	-202.48	170.99
38765	94.95	8.10	1.75	-14.39	-162.89	-378.71	19.13	27.93	185.72
38766	94.66	8.70	1.75	-16.66	-164.37	-429.09	21.20	26.37	201.14
38767	93.88	8.10	1.75	-12.17	-175.70	-428.48	10.31	59.15	198.15
38768	93.61	8.70	1.75	-13.64	-178.00	-477.67	12.49	58.23	216.10
38769	92.82	8.10	1.75	-10.28	-186.84	-480.58	1.47	86.68	206.83
38770	92.57	8.70	1.75	-11.79	-191.11	-528.01	3.19	85.55	226.34
38771	91.75	8.10	1.75	-4.87	-194.02	-538.18	-4.38	108.60	212.60
38772	91.52	8.70	1.75	-6.11	-199.89	-582.93	-3.19	106.83	233.22
38773	90.69	8.10	1.75	4.52	-198.39	-603.67	-7.62	126.17	218.05
38774	90.47	8.70	1.75	3.27	-205.61	-645.79	-6.89	123.09	239.34
38775	89.63	8.10	1.75	18.11	-200.92	-676.98	-8.81	139.43	224.21
38776	89.43	8.70	1.75	16.86	-209.24	-716.31	-8.32	134.98	246.32
38777	88.56	8.10	1.75	35.99	-202.24	-757.41	-8.18	148.02	231.35
38778	88.38	8.70	1.75	34.68	-211.53	-793.73	-7.78	142.36	254.26
38779	87.50	8.10	1.75	58.18	-202.87	-844.02	-5.99	151.25	239.39
38780	87.34	8.70	1.75	56.48	-213.10	-877.25	-5.67	144.35	263.06
38781	86.43	8.10	1.75	84.47	-203.09	-935.61	-2.34	148.35	248.24
38782	86.29	8.70	1.75	82.17	-214.05	-965.56	-1.90	140.43	272.79
38783	85.37	8.10	1.75	114.61	-203.15	-1030.70	2.80	138.66	257.74
38784	85.25	8.70	1.75	111.46	-214.78	-1057.22	3.49	129.96	283.20
38785	84.30	8.10	1.75	148.18	-203.29	-1127.58	9.46	121.63	267.72
38786	84.20	8.70	1.75	143.90	-215.53	-1150.54	10.53	112.44	294.08
38787	83.24	8.10	1.75	184.63	-203.72	-1224.29	17.71	96.87	278.00
38788	83.16	8.70	1.75	178.91	-216.48	-1243.66	19.27	87.54	305.21
38789	82.18	8.10	1.75	223.28	-204.58	-1318.69	27.63	64.30	288.38
38790	82.11	8.70	1.75	215.82	-217.80	-1334.51	29.81	55.21	316.39
38791	81.11	8.10	1.75	263.38	-206.00	-1408.52	39.36	24.13	298.68
38792	81.06	8.70	1.75	253.91	-219.58	-1420.94	42.26	15.71	327.37
38793	80.05	8.10	1.75	304.17	-208.06	-1491.45	53.01	-23.04	308.67
38794	80.02	8.70	1.75	292.41	-221.92	-1500.79	56.73	-30.36	337.90
38795	78.98	8.10	1.75	344.89	-210.78	-1565.29	68.74	-76.26	318.10
38796	78.97	8.70	1.75	330.62	-224.81	-1571.98	73.29	-82.02	347.68
38797	95.35	8.10	0.25	-13.73	-184.47	-378.10	20.34	28.43	205.19
38798	95.06	8.70	0.25	-15.85	-186.78	-431.20	24.26	26.69	222.49
38799	94.26	8.10	0.25	-18.21	-208.94	-409.50	-3.17	62.86	210.93
38800	93.99	8.70	0.25	-21.78	-216.53	-459.30	-1.46	64.27	232.62
38801	93.17	8.10	0.25	-16.07	-213.85	-444.19	-11.89	82.16	203.75
38802	92.92	8.70	0.25	-19.65	-223.37	-489.06	-11.05	82.64	225.31
38803	92.08	8.10	0.25	-10.35	-213.62	-493.33	-15.13	97.17	198.64
38804	91.85	8.70	0.25	-13.45	-224.33	-534.47	-14.70	96.47	219.98
38805	90.99	8.10	0.25	-1.09	-211.45	-552.38	-15.68	108.71	196.58
38806	90.78	8.70	0.25	-3.92	-223.01	-590.60	-15.46	106.45	217.60
38807	89.90	8.10	0.25	11.64	-208.60	-619.22	-14.62	116.59	197.17
38808	89.71	8.70	0.25	8.99	-220.83	-654.74	-14.43	112.92	218.26

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
38809	88.81	8.10	0.25	27.86	-205.56	-692.45	-12.23	120.32	199.88
38810	88.63	8.70	0.25	25.29	-218.34	-725.22	-11.94	115.50	221.15
38811	87.72	8.10	0.25	47.60	-202.70	-770.96	-8.67	119.14	204.17
38812	87.56	8.70	0.25	44.76	-216.06	-801.03	-8.26	113.21	225.68
38813	86.63	8.10	0.25	70.68	-200.16	-853.60	-3.96	112.37	209.67
38814	86.49	8.70	0.25	67.36	-214.01	-880.85	-3.30	105.60	231.62
38815	85.54	8.10	0.25	96.91	-198.07	-939.07	1.98	99.46	216.07
38816	85.42	8.70	0.25	92.86	-212.37	-963.40	2.99	92.11	238.50
38817	84.45	8.10	0.25	125.95	-196.55	-1025.92	9.24	79.95	223.06
38818	84.35	8.70	0.25	120.91	-211.29	-1047.26	10.68	72.31	246.01
38819	83.36	8.10	0.25	157.35	-195.72	-1112.53	17.91	53.56	230.38
38820	83.27	8.70	0.25	151.05	-210.86	-1130.87	19.87	45.98	253.85
38821	82.27	8.10	0.25	190.60	-195.66	-1197.15	28.10	20.27	237.80
38822	82.20	8.70	0.25	182.78	-211.16	-1212.55	30.67	13.13	261.76
38823	81.18	8.10	0.25	225.10	-196.46	-1277.92	39.93	-19.67	245.08
38824	81.13	8.70	0.25	215.52	-212.25	-1290.55	43.19	-25.99	269.48
38825	80.09	8.10	0.25	260.29	-198.15	-1352.96	53.52	-65.69	252.01
38826	80.06	8.70	0.25	248.72	-214.19	-1363.13	57.54	-70.79	276.76
38827	79.00	8.10	0.25	295.61	-200.76	-1420.50	68.98	-116.95	258.36
38828	78.99	8.70	0.25	281.88	-216.94	-1428.60	73.75	-120.44	283.34
38829	95.75	8.10	-1.25	-19.48	-281.46	-390.22	-39.38	52.85	263.89
38830	95.47	8.70	-1.25	-27.35	-301.14	-452.72	-40.42	58.86	292.23
38831	94.63	8.10	-1.25	-22.04	-249.86	-359.56	-35.80	59.65	198.23
38832	94.37	8.70	-1.25	-28.76	-266.66	-403.73	-37.58	62.46	220.67
38833	93.52	8.10	-1.25	-19.10	-231.36	-393.99	-31.56	71.46	174.87
38834	93.28	8.70	-1.25	-24.55	-247.21	-433.06	-32.91	72.11	194.71
38835	92.40	8.10	-1.25	-13.34	-217.08	-442.05	-27.79	82.11	163.97
38836	92.18	8.70	-1.25	-17.69	-232.29	-477.84	-28.76	81.33	182.59
38837	91.28	8.10	-1.25	-4.98	-205.54	-498.68	-24.22	90.38	159.05
38838	91.08	8.70	-1.25	-8.62	-220.48	-532.10	-24.86	88.11	176.94
38839	90.17	8.10	-1.25	6.07	-195.96	-561.60	-20.63	95.27	157.67
38840	89.98	8.70	-1.25	2.80	-210.83	-592.82	-20.99	91.81	175.38
38841	89.05	8.10	-1.25	19.86	-187.83	-629.56	-16.65	96.12	158.60
38842	88.88	8.70	-1.25	16.82	-202.70	-658.54	-16.68	91.74	176.29
38843	87.94	8.10	-1.25	36.44	-181.03	-701.67	-12.09	92.23	161.11
38844	87.78	8.70	-1.25	33.25	-196.08	-728.44	-11.84	86.97	178.89
38845	86.82	8.10	-1.25	55.67	-175.38	-777.00	-6.82	83.01	164.75
38846	86.69	8.70	-1.25	52.11	-190.64	-801.47	-6.22	77.14	182.80
38847	85.70	8.10	-1.25	77.39	-170.79	-854.53	-0.65	68.02	169.16
38848	85.59	8.70	-1.25	73.23	-186.30	-876.61	0.36	61.81	187.52
38849	84.59	8.10	-1.25	101.33	-167.24	-933.08	6.58	46.92	174.03
38850	84.49	8.70	-1.25	96.34	-183.02	-952.71	8.04	40.65	192.72
38851	83.47	8.10	-1.25	127.12	-164.75	-1011.36	14.98	19.53	179.08
38852	83.39	8.70	-1.25	121.08	-180.80	-1028.53	16.96	13.52	198.11
38853	82.36	8.10	-1.25	154.33	-163.34	-1087.93	24.70	-14.11	184.09
38854	82.29	8.70	-1.25	147.03	-179.66	-1102.72	27.24	-19.52	203.43
38855	81.24	8.10	-1.25	182.53	-163.05	-1161.29	35.83	-53.72	188.83
38856	81.20	8.70	-1.25	173.76	-179.60	-1173.87	39.01	-58.18	208.45
38857	80.12	8.10	-1.25	211.25	-163.89	-1229.93	48.50	-98.78	193.10
38858	80.10	8.70	-1.25	200.84	-180.65	-1240.54	52.37	-101.92	212.94
38859	79.01	8.10	-1.25	240.11	-165.92	-1292.34	62.80	-148.50	196.72
38860	79.00	8.70	-1.25	227.91	-182.81	-1301.38	67.37	-149.99	216.70
38861	77.92	8.10	1.75	384.92	-214.14	-1628.00	86.65	-134.11	326.74
38862	77.93	8.70	1.75	367.79	-228.21	-1632.76	92.08	-137.99	356.53
38863	76.85	8.10	1.75	423.99	-218.05	-1677.91	106.78	-194.77	334.28
38864	76.88	8.70	1.75	403.80	-232.01	-1681.59	113.16	-196.39	364.17
38865	75.79	8.10	1.75	462.13	-222.36	-1713.79	129.14	-256.18	340.42
38866	75.84	8.70	1.75	438.63	-236.07	-1717.37	136.46	-255.35	370.24
38867	74.72	8.10	1.75	499.94	-226.85	-1735.04	153.60	-316.11	344.92
38868	74.79	8.70	1.75	472.76	-240.16	-1739.57	161.87	-312.76	374.59
38869	73.66	8.10	1.75	538.69	-231.23	-1741.74	179.98	-372.37	347.68
38870	73.74	8.70	1.75	507.28	-243.97	-1748.34	189.27	-366.55	377.14
38871	72.60	8.10	1.75	580.49	-235.14	-1734.64	208.03	-423.04	348.76
38872	72.70	8.70	1.75	544.01	-247.11	-1744.43	218.49	-414.90	377.97
38873	71.53	8.10	1.75	628.45	-238.12	-1715.03	237.44	-466.78	348.37
38874	71.65	8.70	1.75	585.61	-249.13	-1729.08	249.38	-456.50	377.34
38875	70.47	8.10	1.75	686.89	-239.60	-1684.45	267.84	-503.17	346.96
38876	70.61	8.70	1.75	635.73	-249.44	-1703.81	281.86	-490.80	375.64
38877	69.40	8.10	1.75	761.66	-238.91	-1644.31	298.78	-533.16	345.14
38878	69.56	8.70	1.75	699.24	-247.25	-1670.02	315.95	-518.36	373.38
38879	68.34	8.10	1.75	860.83	-234.88	-1594.98	329.25	-559.64	343.67
38880	68.52	8.70	1.75	782.72	-241.93	-1628.45	351.94	-541.31	371.13
38881	67.27	8.10	1.75	995.32	-225.09	-1534.29	357.37	-588.45	343.33
38882	67.47	8.70	1.75	895.90	-230.76	-1577.63	389.50	-563.77	369.08
38883	66.21	8.10	1.75	1180.43	-206.10	-1454.23	378.95	-630.00	345.17
38884	66.43	8.70	1.75	1052.47	-211.75	-1511.64	429.21	-593.58	366.68
38885	65.15	8.10	1.75	1435.75	-165.17	-1333.13	379.96	-699.50	351.74
38886	65.38	8.70	1.75	1273.03	-181.23	-1414.79	469.15	-642.28	363.55
38887	64.08	8.10	1.75	1773.01	-51.00	-1121.98	329.87	-805.50	368.68
38888	64.33	8.70	1.75	1597.50	-113.73	-1244.87	496.89	-721.13	358.34
38889	63.02	8.10	1.75	2175.96	268.46	-769.11	212.78	-904.99	361.96
38890	63.29	8.70	1.75	2085.08	118.61	-932.14	501.16	-802.45	349.99
38891	61.95	8.10	1.75	2715.84	509.23	-451.61	75.05	-960.59	314.31
38892	62.24	8.70	1.75	3026.59	707.78	-473.32	650.63	-835.98	206.51
38893	77.90	8.10	0.25	330.69	-204.31	-1478.90	86.40	-172.24	263.97
38894	77.91	8.70	0.25	314.44	-220.51	-1485.51	92.00	-173.87	289.10
38895	76.81	8.10	0.25	365.41	-208.75	-1526.76	105.80	-230.03	268.61
38896	76.84	8.70	0.25	346.46	-224.87	-1532.57	112.30	-229.42	293.87
38897	75.72	8.10	0.25	399.94	-213.96	-1563.00	127.18	-288.71	272.04
38898	75.77	8.70	0.25	378.03	-229.94	-1568.81	134.64	-285.66	297.34
38899	74.63	8.10	0.25	434.87	-219.84	-1586.95	150.49	-346.64	274.16
38900	74.70	8.70	0.25	409.63	-235.58	-1593.70	158.97	-341.02	299.47
38901	73.54	8.10	0.25	471.28	-226.22	-1598.40	175.62	-402.30	275.01
38902	73.63	8.70	0.25	442.19	-241.65	-1607.06	185.25	-394.07	300.31
38903	72.45	8.10	0.25	510.80	-232.93	-1597.43	202.40	-454.53	274.80
38904	72.55	8.70	0.25	477.11	-247.94	-1609.06	213.41	-443.63	300.08
38905	71.36	8.10	0.25	555.65	-239.76	-1584.29	230.61	-502.75	273.94
38906	71.48	8.70	0.25	516.30	-254.25	-1600.02	243.39	-489.08	299.16
38907	70.27	8.10	0.25	608.60	-246.42	-1559.04	259.92	-547.30	273.08

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
38908	70.41	8.70	0.25	562.16	-260.32	-1580.15	275.16	-530.54	298.17
38909	69.18	8.10	0.25	672.91	-252.61	-1521.02	289.79	-589.73	273.26
38910	69.34	8.70	0.25	617.52	-265.79	-1549.13	308.62	-569.16	297.96
38911	68.09	8.10	0.25	752.26	-257.67	-1467.99	318.94	-633.03	276.05
38912	68.27	8.70	0.25	685.52	-270.56	-1505.54	343.71	-607.30	299.82
38913	67.00	8.10	0.25	849.93	-259.82	-1394.75	344.67	-681.56	283.90
38914	67.19	8.70	0.25	770.12	-272.95	-1445.60	379.21	-648.30	305.49
38915	65.91	8.10	0.25	968.18	-256.52	-1291.58	361.37	-740.05	301.21
38916	66.12	8.70	0.25	875.53	-271.75	-1362.09	413.38	-696.47	317.49
38917	64.82	8.10	0.25	1107.86	-239.35	-1144.51	353.25	-807.71	336.49
38918	65.05	8.70	0.25	1008.01	-265.68	-1244.71	440.82	-753.27	342.18
38919	63.73	8.10	0.25	1268.90	-175.90	-948.87	282.79	-862.43	406.77
38920	63.98	8.70	0.25	1194.49	-240.48	-1087.23	443.61	-807.91	388.45
38921	62.64	8.10	0.25	1458.83	44.79	-747.69	90.49	-839.11	510.40
38922	62.91	8.70	0.25	1518.59	-110.96	-912.43	389.01	-822.39	479.39
38923	61.55	8.10	0.25	1827.87	217.28	-649.82	-121.75	-845.15	556.73
38924	61.84	8.70	0.25	2301.82	458.18	-675.14	433.78	-786.31	364.04
38925	77.89	8.10	-1.25	268.83	-169.24	-1347.14	78.79	-201.87	199.58
38926	77.90	8.70	-1.25	254.53	-186.28	-1355.24	84.17	-201.52	219.79
38927	76.78	8.10	-1.25	297.37	-173.75	-1393.13	96.39	-257.54	201.49
38928	76.80	8.70	-1.25	280.81	-190.92	-1400.93	102.61	-254.93	221.95
38929	75.66	8.10	-1.25	325.85	-179.29	-1429.33	115.67	-314.19	202.23
38930	75.70	8.70	-1.25	306.85	-196.47	-1437.40	122.79	-309.08	222.78
38931	74.54	8.10	-1.25	354.70	-185.85	-1454.93	136.61	-370.53	201.78
38932	74.61	8.70	-1.25	332.98	-202.97	-1463.99	144.74	-362.76	222.30
38933	73.43	8.10	-1.25	384.62	-193.43	-1469.31	159.13	-425.34	200.26
38934	73.51	8.70	-1.25	359.83	-210.45	-1480.22	168.43	-414.79	220.69
38935	72.31	8.10	-1.25	416.58	-202.05	-1471.94	183.10	-477.73	197.94
38936	72.41	8.70	-1.25	388.22	-218.92	-1485.68	193.82	-464.25	218.25
38937	71.20	8.10	-1.25	451.70	-211.70	-1462.16	208.33	-527.19	195.35
38938	71.31	8.70	-1.25	419.15	-228.43	-1479.87	220.88	-510.58	215.43
38939	70.08	8.10	-1.25	491.09	-222.45	-1438.89	234.50	-573.75	193.29
38940	70.21	8.70	-1.25	453.64	-239.09	-1461.99	249.53	-553.67	212.98
38941	68.96	8.10	-1.25	535.57	-234.39	-1400.25	261.14	-617.92	193.08
38942	69.12	8.70	-1.25	492.50	-251.07	-1430.60	279.67	-593.86	211.99
38943	67.85	8.10	-1.25	585.31	-247.65	-1343.13	287.14	-660.30	196.95
38944	68.02	8.70	-1.25	536.07	-264.97	-1383.38	311.11	-631.72	214.45
38945	66.73	8.10	-1.25	639.19	-261.84	-1263.04	310.37	-700.47	208.54
38946	66.92	8.70	-1.25	584.50	-280.90	-1316.89	342.81	-666.89	223.35
38947	65.62	8.10	-1.25	695.12	-277.12	-1155.60	327.05	-735.14	234.65
38948	65.82	8.70	-1.25	637.90	-299.71	-1227.41	373.46	-697.76	243.80
38949	64.50	8.10	-1.25	754.11	-292.18	-1022.22	327.74	-754.76	288.35
38950	64.72	8.70	-1.25	699.77	-325.57	-1115.92	401.26	-719.34	287.33
38951	63.38	8.10	-1.25	830.43	-299.68	-883.82	294.17	-744.05	399.29
38952	63.62	8.70	-1.25	796.85	-357.29	-995.62	420.91	-726.39	373.57
38953	62.27	8.10	-1.25	970.88	-247.49	-799.35	201.29	-690.67	588.63
38954	62.53	8.70	-1.25	1004.50	-378.24	-908.63	434.66	-732.51	557.17
38955	61.15	8.10	-1.25	1258.93	-228.11	-741.64	144.21	-742.78	705.32
38956	61.43	8.70	-1.25	1512.86	-129.09	-930.19	526.68	-766.42	641.81
38957	89.43	9.45	1.75	11.32	-217.87	-752.62	-6.82	125.63	272.31
38958	90.40	9.41	1.75	-0.50	-212.29	-687.97	-4.88	115.52	263.50
38959	91.37	9.36	1.75	-8.59	-204.87	-629.58	-0.93	101.52	255.34
38960	89.62	10.34	1.75	1.65	-226.18	-790.86	-3.38	111.13	303.25
38961	90.47	10.22	1.75	-6.47	-217.66	-733.34	-0.75	103.35	291.21
38962	91.31	10.08	1.75	-12.12	-207.99	-679.72	3.12	92.37	279.09
38963	89.80	11.25	1.75	-7.61	-229.20	-843.76	2.79	94.09	334.39
38964	90.52	11.03	1.75	-12.26	-219.19	-789.35	5.41	88.93	318.76
38965	91.23	10.80	1.75	-15.31	-208.16	-736.78	8.95	81.20	302.84
38966	78.98	9.82	1.75	298.60	-252.37	-1587.73	80.65	-93.20	402.18
38967	80.05	9.80	1.75	263.93	-248.67	-1517.00	61.86	-42.43	390.50
38968	81.11	9.78	1.75	228.69	-245.18	-1437.99	45.57	2.96	377.53
38969	82.17	9.76	1.75	193.65	-241.92	-1352.85	31.70	41.97	363.72
38970	83.22	9.73	1.75	159.57	-238.87	-1263.72	20.14	74.00	349.45
38971	84.27	9.69	1.75	127.23	-235.95	-1172.71	10.76	98.84	335.08
38972	85.32	9.65	1.75	97.31	-233.04	-1081.78	3.45	116.57	320.95
38973	86.36	9.61	1.75	70.37	-229.99	-992.68	-1.92	127.53	307.34
38974	87.39	9.55	1.75	46.85	-226.60	-906.93	-5.43	132.26	294.50
38975	88.43	9.50	1.75	27.08	-222.59	-825.81	-7.07	131.38	282.59
38976	79.01	11.45	1.75	247.32	-295.64	-1620.59	89.41	-109.96	478.47
38977	80.13	11.41	1.75	217.59	-290.53	-1548.17	67.90	-59.73	464.06
38978	81.24	11.36	1.75	186.93	-284.79	-1467.98	49.40	-14.74	447.54
38979	82.34	11.29	1.75	156.22	-278.63	-1382.29	33.89	23.97	429.54
38980	83.43	11.20	1.75	126.35	-272.13	-1293.23	21.27	55.81	410.62
38981	84.51	11.09	1.75	98.13	-265.35	-1202.81	11.38	80.62	391.32
38982	85.57	10.97	1.75	72.26	-258.26	-1112.85	4.04	98.55	372.07
38983	86.62	10.83	1.75	49.29	-250.81	-1024.90	-0.94	109.98	353.26
38984	87.66	10.67	1.75	29.62	-242.92	-940.19	-3.76	115.44	335.13
38985	88.69	10.50	1.75	13.58	-234.52	-859.66	-4.52	115.59	317.80
38986	79.04	13.09	1.75	190.27	-334.48	-1685.67	95.42	-130.39	553.80
38987	80.21	13.03	1.75	166.24	-328.24	-1610.81	72.86	-81.83	537.31
38988	81.36	12.95	1.75	141.03	-320.30	-1528.92	53.47	-37.95	517.95
38989	82.50	12.83	1.75	115.58	-311.04	-1442.15	37.32	0.17	496.45
38990	83.62	12.68	1.75	90.79	-300.75	-1352.40	24.39	31.93	473.48
38991	84.72	12.51	1.75	67.48	-289.69	-1261.45	14.54	57.10	449.65
38992	85.80	12.30	1.75	46.36	-278.01	-1170.85	7.58	75.78	425.49
38993	86.87	12.06	1.75	27.96	-265.82	-1081.86	3.24	88.28	401.37
38994	87.91	11.80	1.75	12.60	-253.20	-995.44	1.25	95.04	377.56
38995	88.94	11.51	1.75	0.43	-240.39	-912.22	1.20	96.55	354.05
38996	79.06	14.73	1.75	128.52	-354.23	-1812.32	97.46	-155.43	632.75
38997	80.26	14.66	1.75	110.28	-347.73	-1732.62	76.25	-109.38	614.47
38998	81.45	14.55	1.75	91.01	-338.29	-1646.46	57.91	-67.14	592.45
38999	82.63	14.39	1.75	71.55	-326.54	-1555.64	42.69	-29.82	567.43
39000	83.78	14.19	1.75	52.70	-313.05	-1461.71	30.66	1.89	540.12
39001	84.91	13.94	1.75	35.20	-298.31	-1366.13	21.73	27.63	511.15
39002	86.01	13.65	1.75	19.69	-282.74	-1270.14	15.69	47.34	481.12
39003	87.09	13.32	1.75	6.63	-266.72	-1174.73	12.27	61.16	450.47
39004	88.14	12.95	1.75	-3.73	-250.54	-1080.62	11.09	69.42	419.55
39005	89.17	12.54	1.75	-11.37	-234.41	-988.23	11.69	72.51	388.63
39006	79.07	16.37	1.75	69.52	-311.49	-2022.97	92.16	-185.93	689.71

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
39007	80.31	16.30	1.75	56.22	-307.29	-1934.90	76.20	-144.55	671.13
39008	81.53	16.16	1.75	42.65	-299.65	-1839.46	62.31	-105.65	647.58
39009	82.73	15.96	1.75	29.35	-289.34	-1738.24	50.79	-70.43	619.82
39010	83.91	15.70	1.75	16.85	-277.10	-1632.68	41.76	-39.72	588.66
39011	85.06	15.39	1.75	5.67	-263.60	-1524.11	35.15	-14.06	554.90
39012	86.19	15.02	1.75	-3.79	-249.46	-1413.74	30.75	6.33	519.33
39013	87.29	14.59	1.75	-11.27	-235.23	-1302.60	28.25	21.47	482.64
39014	88.35	14.11	1.75	-16.66	-221.37	-1191.56	27.26	31.57	445.48
39015	89.38	13.57	1.75	-20.10	-208.11	-1081.35	27.36	37.04	408.41
39016	79.08	18.02	1.75	19.66	-219.18	-2280.37	73.21	-218.58	662.19
39017	80.33	17.94	1.75	9.29	-218.71	-2182.79	64.38	-187.11	648.06
39018	81.58	17.78	1.75	-0.53	-216.23	-2075.00	56.82	-155.94	628.87
39019	82.80	17.54	1.75	-9.56	-212.26	-1958.77	50.66	-126.19	605.21
39020	84.01	17.23	1.75	-17.50	-207.26	-1835.88	45.86	-98.71	577.78
39021	85.19	16.85	1.75	-24.13	-201.67	-1708.06	42.32	-74.13	547.31
39022	86.34	16.40	1.75	-29.27	-195.89	-1576.97	39.83	-52.82	514.62
39023	87.46	15.87	1.75	-32.86	-190.24	-1444.20	38.14	-34.92	480.46
39024	88.54	15.28	1.75	-34.89	-184.96	-1311.24	36.97	-20.42	445.55
39025	89.57	14.62	1.75	-35.47	-180.18	-1179.45	36.11	-9.11	410.54
39026	94.23	9.51	1.75	-19.78	-166.45	-501.99	24.12	24.98	224.69
39027	93.64	10.51	1.75	-23.77	-168.08	-599.85	27.60	21.77	253.66
39028	93.00	11.47	1.75	-28.21	-169.54	-704.96	30.45	16.58	282.97
39029	93.28	9.44	1.75	-15.47	-180.35	-541.52	15.89	55.88	237.77
39030	92.87	10.31	1.75	-17.67	-181.26	-621.96	20.65	49.79	263.79
39031	92.43	11.15	1.75	-20.21	-180.92	-708.08	25.44	41.67	289.34
39032	92.33	9.37	1.75	-13.74	-194.79	-581.87	6.03	82.36	247.62
39033	92.11	10.11	1.75	-15.92	-196.53	-643.59	10.28	75.33	271.05
39034	91.86	10.83	1.75	-17.92	-196.26	-710.55	15.31	66.30	294.24
39035	90.54	13.92	1.75	-34.98	-176.19	-1052.62	35.08	-0.46	377.19
39036	90.28	13.02	1.75	-21.63	-197.27	-979.71	27.78	39.22	374.99
39037	90.02	12.14	1.75	-15.88	-220.85	-909.17	13.29	71.56	362.09
39038	91.42	13.16	1.75	-33.67	-173.28	-932.03	33.79	6.35	344.99
39039	91.07	12.46	1.75	-21.98	-189.44	-887.13	27.87	39.68	345.05
39040	90.72	11.78	1.75	-17.65	-210.20	-842.72	15.23	69.04	339.49
39041	92.25	12.36	1.75	-31.32	-170.92	-815.81	32.50	11.50	313.75
39042	91.82	11.87	1.75	-21.66	-182.63	-796.74	27.69	38.35	316.10
39043	91.39	11.39	1.75	-18.69	-200.69	-777.59	17.04	64.28	316.54
39044	89.71	9.46	0.25	1.51	-236.93	-688.84	-14.13	105.91	245.84
39045	90.71	9.42	0.25	-9.90	-237.13	-630.50	-14.76	101.10	244.23
39046	91.71	9.37	0.25	-18.31	-236.32	-579.32	-13.62	93.28	245.33
39047	89.92	10.39	0.25	-11.24	-258.89	-726.82	-13.00	96.25	283.76
39048	90.79	10.26	0.25	-19.16	-255.02	-675.92	-12.79	93.50	279.59
39049	91.65	10.12	0.25	-25.01	-250.17	-630.40	-11.14	88.08	276.90
39050	90.11	11.33	0.25	-24.99	-279.94	-782.02	-9.67	85.82	328.06
39051	90.84	11.10	0.25	-29.23	-272.00	-734.98	-8.91	85.11	319.62
39052	91.57	10.86	0.25	-31.82	-262.72	-691.32	-6.61	82.20	312.01
39053	79.00	9.85	0.25	250.11	-250.57	-1448.74	82.02	-127.50	332.30
39054	80.09	9.83	0.25	220.25	-246.92	-1382.89	63.56	-79.01	324.12
39055	81.18	9.81	0.25	190.11	-243.84	-1310.44	47.36	-35.11	314.88
39056	82.27	9.79	0.25	160.21	-241.35	-1233.00	33.33	3.29	304.92
39057	83.35	9.76	0.25	131.13	-239.46	-1152.31	21.37	35.63	294.61
39058	84.42	9.72	0.25	103.46	-238.13	-1070.06	11.34	61.69	284.30
39059	85.50	9.68	0.25	77.71	-237.30	-987.86	3.10	81.50	274.34
39060	86.56	9.63	0.25	54.33	-236.89	-907.18	-3.49	95.32	265.10
39061	87.63	9.57	0.25	33.69	-236.80	-829.32	-8.54	103.59	256.94
39062	88.68	9.51	0.25	16.01	-236.83	-755.47	-12.11	106.91	250.24
39063	79.03	11.54	0.25	198.29	-307.91	-1487.97	92.72	-138.46	405.20
39064	80.18	11.51	0.25	173.27	-302.52	-1419.41	71.29	-90.76	394.57
39065	81.32	11.45	0.25	147.59	-297.09	-1344.89	52.60	-47.47	382.39
39066	82.45	11.37	0.25	121.89	-291.74	-1266.01	36.58	-9.54	369.06
39067	83.57	11.28	0.25	96.82	-286.54	-1184.47	23.13	22.48	355.09
39068	84.67	11.17	0.25	73.01	-281.53	-1101.93	12.08	48.42	340.96
39069	85.76	11.04	0.25	51.02	-276.73	-1019.88	3.25	68.36	327.12
39070	86.84	10.89	0.25	31.28	-272.09	-939.64	-3.56	82.62	314.00
39071	87.91	10.73	0.25	14.11	-267.55	-862.36	-8.51	91.65	301.95
39072	88.96	10.55	0.25	-0.19	-262.99	-789.01	-11.70	96.05	291.28
39073	79.05	13.25	0.25	138.73	-372.34	-1559.13	101.95	-153.99	486.40
39074	80.26	13.19	0.25	119.36	-365.06	-1487.13	78.68	-107.67	473.44
39075	81.44	13.10	0.25	99.03	-356.88	-1409.89	58.32	-65.25	458.54
39076	82.61	12.98	0.25	78.41	-348.05	-1328.86	40.90	-27.71	442.16
39077	83.76	12.82	0.25	58.19	-338.76	-1245.63	26.35	4.39	424.82
39078	84.89	12.64	0.25	39.02	-329.18	-1161.67	14.55	30.86	407.07
39079	86.01	12.42	0.25	21.46	-319.39	-1078.33	5.32	51.75	389.39
39080	87.10	12.18	0.25	5.95	-309.42	-996.79	-1.54	67.31	372.19
39081	88.17	11.90	0.25	-7.21	-299.26	-918.03	-6.24	77.89	355.80
39082	89.22	11.60	0.25	-17.82	-288.93	-842.90	-8.99	83.85	340.27
39083	79.08	14.95	0.25	71.53	-438.36	-1682.18	109.52	-176.59	587.97
39084	80.32	14.88	0.25	58.17	-429.19	-1604.99	85.85	-131.48	572.22
39085	81.54	14.76	0.25	43.74	-418.05	-1523.32	64.98	-89.60	554.29
39086	82.75	14.59	0.25	28.90	-405.26	-1438.41	47.04	-51.89	534.51
39087	83.93	14.38	0.25	14.30	-391.19	-1351.59	32.09	-18.94	513.34
39088	85.09	14.12	0.25	0.57	-376.15	-1264.12	20.07	8.93	491.25
39089	86.22	13.82	0.25	-11.73	-360.36	-1177.13	10.87	31.66	468.65
39090	87.33	13.48	0.25	-22.16	-343.96	-1091.61	4.35	49.32	445.87
39091	88.41	13.09	0.25	-30.42	-327.02	-1008.33	0.31	62.09	423.13
39092	89.46	12.67	0.25	-36.40	-309.60	-927.80	-1.51	70.14	400.56
39093	79.09	16.65	0.25	-12.58	-488.54	-1957.35	114.52	-212.79	749.79
39094	80.36	16.57	0.25	-19.77	-478.19	-1868.43	93.36	-167.01	729.13
39095	81.62	16.43	0.25	-27.37	-464.11	-1774.98	74.38	-123.75	704.91
39096	82.85	16.22	0.25	-34.97	-446.99	-1678.04	57.96	-84.07	677.48
39097	84.07	15.96	0.25	-42.13	-427.43	-1578.68	44.34	-48.72	647.32
39098	85.25	15.63	0.25	-48.34	-406.01	-1477.86	33.57	-18.24	614.93
39099	86.41	15.24	0.25	-53.17	-383.21	-1376.47	25.60	7.05	580.77
39100	87.54	14.80	0.25	-56.23	-359.48	-1275.24	20.30	27.01	545.24
39101	88.63	14.30	0.25	-57.19	-335.14	-1174.69	17.51	41.56	508.66
39102	89.68	13.74	0.25	-56.19	-310.42	-1075.28	16.86	50.94	471.40
39103	79.10	18.36	0.25	-73.52	-291.02	-2407.46	97.94	-264.34	783.86
39104	80.39	18.28	0.25	-77.53	-289.42	-2298.71	91.38	-226.44	765.37
39105	81.67	18.11	0.25	-79.94	-284.86	-2181.35	85.43	-189.04	741.14

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
39106	82.93	17.87	0.25	-80.81	-277.94	-2056.92	80.25	-153.39	711.77
39107	84.17	17.54	0.25	-80.13	-269.15	-1926.91	75.91	-120.50	677.94
39108	85.39	17.15	0.25	-77.92	-258.98	-1792.78	72.40	-91.16	640.43
39109	86.57	16.67	0.25	-74.23	-247.86	-1655.88	69.64	-65.88	600.05
39110	87.72	16.13	0.25	-69.16	-236.19	-1517.50	67.51	-44.97	557.61
39111	88.83	15.51	0.25	-62.85	-224.38	-1378.82	65.80	-28.53	513.94
39112	89.89	14.83	0.25	-55.28	-212.08	-1240.91	64.73	-16.68	469.57
39113	94.64	9.53	0.25	-18.67	-189.74	-510.04	30.96	24.62	249.47
39114	94.04	10.56	0.25	-22.74	-190.30	-617.58	40.79	19.15	282.43
39115	93.39	11.56	0.25	-27.40	-188.52	-733.27	50.96	9.75	314.35
39116	93.66	9.45	0.25	-26.42	-225.42	-527.12	2.03	65.39	260.52
39117	93.25	10.35	0.25	-32.25	-234.32	-616.46	8.29	62.98	296.56
39118	92.80	11.22	0.25	-37.86	-240.14	-714.63	16.16	57.53	332.65
39119	92.69	9.38	0.25	-24.12	-234.16	-542.53	-9.20	82.21	251.26
39120	92.47	10.15	0.25	-29.57	-245.43	-607.68	-5.56	79.09	283.48
39121	92.22	10.90	0.25	-35.28	-255.03	-681.91	-0.23	74.21	317.79
39122	90.87	14.10	0.25	-47.43	-201.35	-1106.96	63.45	-8.41	427.35
39123	90.61	13.17	0.25	-53.45	-288.39	-981.91	17.32	55.83	436.18
39124	90.34	12.26	0.25	-39.55	-294.18	-859.54	-1.49	73.52	380.82
39125	91.78	13.31	0.25	-40.38	-194.22	-978.21	60.57	-1.68	387.32
39126	91.42	12.59	0.25	-49.07	-269.67	-894.68	18.41	57.06	402.52
39127	91.05	11.88	0.25	-39.81	-280.61	-802.70	-0.27	74.61	363.08
39128	92.63	12.48	0.25	-33.34	-187.98	-853.58	57.67	2.88	348.78
39129	92.19	11.97	0.25	-43.67	-251.23	-808.68	19.91	55.07	368.69
39130	91.74	11.48	0.25	-38.95	-267.04	-748.21	1.74	72.89	344.34
39131	90.00	9.48	-1.25	-5.45	-233.61	-622.67	-22.35	85.49	199.68
39132	91.02	9.43	-1.25	-15.83	-242.10	-566.96	-26.35	83.18	200.88
39133	92.04	9.39	-1.25	-24.27	-252.44	-517.12	-30.25	78.40	206.03
39134	90.21	10.44	-1.25	-19.67	-269.95	-655.27	-24.88	77.40	235.03
39135	91.10	10.31	-1.25	-27.40	-274.87	-606.31	-28.78	77.00	234.87
39136	91.98	10.16	-1.25	-33.76	-281.41	-562.15	-32.47	74.48	237.81
39137	90.41	11.41	-1.25	-36.55	-314.06	-702.03	-27.69	68.96	278.93
39138	91.16	11.18	-1.25	-41.09	-313.71	-657.18	-31.46	70.83	275.74
39139	91.91	10.93	-1.25	-44.40	-315.04	-615.72	-34.77	71.56	275.79
39140	79.01	9.88	-1.25	198.81	-219.90	-1324.45	75.78	-153.13	258.00
39141	80.13	9.86	-1.25	174.61	-216.87	-1262.60	58.63	-106.48	253.02
39142	81.25	9.84	-1.25	150.22	-214.74	-1195.41	43.47	-63.95	246.98
39143	82.36	9.82	-1.25	125.99	-213.56	-1124.18	30.20	-26.33	240.18
39144	83.47	9.78	-1.25	102.36	-213.32	-1050.30	18.70	5.88	232.92
39145	84.58	9.74	-1.25	79.78	-214.06	-975.13	8.81	32.41	225.53
39146	85.67	9.70	-1.25	58.66	-215.78	-899.94	0.38	53.24	218.35
39147	86.77	9.65	-1.25	39.36	-218.53	-825.91	-6.77	68.55	211.72
39148	87.86	9.59	-1.25	22.15	-222.36	-754.07	-12.82	78.68	206.04
39149	88.94	9.53	-1.25	7.17	-227.31	-685.37	-17.99	84.14	201.73
39150	79.04	11.64	-1.25	150.52	-286.51	-1367.75	87.55	-158.01	320.56
39151	80.23	11.60	-1.25	130.70	-281.62	-1302.45	67.34	-112.67	313.72
39152	81.40	11.54	-1.25	110.37	-277.23	-1232.33	49.56	-71.27	305.35
39153	82.56	11.46	-1.25	89.95	-273.42	-1158.75	34.08	-34.62	295.86
39154	83.70	11.36	-1.25	69.93	-270.29	-1083.06	20.77	-3.22	285.65
39155	84.83	11.25	-1.25	50.79	-267.89	-1006.56	9.45	22.71	275.18
39156	85.95	11.11	-1.25	32.96	-266.30	-930.45	-0.10	43.20	264.87
39157	87.06	10.96	-1.25	16.77	-265.59	-855.79	-8.11	58.48	255.17
39158	88.15	10.79	-1.25	2.49	-265.84	-783.51	-14.82	68.93	246.45
39159	89.23	10.61	-1.25	-9.69	-267.12	-714.41	-20.45	75.12	239.19
39160	79.07	13.40	-1.25	93.98	-370.30	-1436.17	99.50	-167.26	391.43
39161	80.31	13.34	-1.25	79.39	-363.07	-1366.94	76.77	-123.87	382.66
39162	81.52	13.25	-1.25	63.96	-355.79	-1293.45	56.64	-83.91	372.08
39163	82.72	13.12	-1.25	48.13	-348.65	-1216.99	39.05	-48.21	360.14
39164	83.90	12.96	-1.25	32.42	-341.79	-1138.79	23.88	-17.28	347.28
39165	85.07	12.77	-1.25	17.32	-335.36	-1060.07	10.94	8.64	334.01
39166	86.21	12.54	-1.25	3.26	-329.49	-981.91	0.03	29.59	320.82
39167	87.33	12.29	-1.25	-9.43	-324.27	-905.27	-9.11	45.75	308.19
39168	88.43	12.01	-1.25	-20.51	-319.83	-831.01	-16.77	57.44	296.56
39169	89.50	11.69	-1.25	-29.78	-316.21	-759.90	-23.13	64.99	286.20
39170	79.09	15.17	-1.25	24.91	-481.12	-1557.07	113.37	-184.28	485.25
39171	80.37	15.09	-1.25	16.30	-470.71	-1482.08	88.36	-142.54	473.94
39172	81.63	14.97	-1.25	6.60	-459.62	-1403.12	65.89	-103.51	460.71
39173	82.86	14.80	-1.25	-3.74	-448.09	-1321.40	45.99	-68.03	446.00
39174	84.08	14.58	-1.25	-14.25	-436.31	-1238.05	28.60	-36.64	430.21
39175	85.27	14.31	-1.25	-24.46	-424.49	-1154.20	13.61	-9.61	413.83
39176	86.44	14.00	-1.25	-33.94	-412.80	-1070.90	0.85	13.00	397.35
39177	87.57	13.64	-1.25	-42.33	-401.35	-989.09	-9.89	31.30	381.26
39178	88.68	13.24	-1.25	-49.40	-390.28	-909.64	-18.82	45.52	366.05
39179	89.75	12.80	-1.25	-54.96	-379.88	-833.31	-26.14	55.82	352.20
39180	79.11	16.93	-1.25	-60.17	-647.59	-1723.91	131.83	-214.39	634.84
39181	80.42	16.85	-1.25	-62.07	-631.98	-1641.75	103.54	-172.31	619.09
39182	81.71	16.70	-1.25	-65.22	-614.55	-1556.63	77.66	-132.34	601.74
39183	82.98	16.49	-1.25	-69.28	-595.64	-1469.54	54.42	-95.19	583.01
39184	84.22	16.21	-1.25	-73.81	-575.52	-1381.41	33.91	-61.39	563.11
39185	85.44	15.87	-1.25	-78.32	-554.48	-1293.17	16.14	-31.30	542.35
39186	86.63	15.47	-1.25	-82.38	-532.80	-1205.75	1.05	-5.10	521.10
39187	87.79	15.01	-1.25	-85.53	-510.72	-1120.03	-11.48	17.15	499.73
39188	88.91	14.49	-1.25	-87.34	-488.47	-1036.84	-21.53	35.55	478.67
39189	89.99	13.91	-1.25	-87.61	-466.26	-956.44	-29.36	50.07	458.16
39190	79.12	18.70	-1.25	-265.65	-899.79	-2635.34	175.60	-319.04	1151.29
39191	80.45	18.62	-1.25	-252.61	-877.67	-2510.71	147.69	-260.04	1117.44
39192	81.76	18.44	-1.25	-239.74	-851.57	-2380.93	121.08	-203.14	1078.82
39193	83.06	18.19	-1.25	-227.08	-821.92	-2247.05	96.22	-149.48	1035.70
39194	84.34	17.85	-1.25	-214.50	-789.18	-2110.14	73.39	-100.02	988.59
39195	85.59	17.44	-1.25	-201.82	-753.85	-1971.26	52.79	-55.52	938.12
39196	86.80	16.95	-1.25	-188.82	-716.42	-1831.40	34.53	-16.57	884.99
39197	87.98	16.39	-1.25	-175.31	-677.40	-1691.45	18.63	16.47	829.92
39198	89.11	15.75	-1.25	-161.10	-637.27	-1552.31	5.03	43.40	773.63
39199	90.20	15.04	-1.25	-145.74	-596.21	-1414.80	-6.21	64.43	717.21
39200	95.05	9.55	-1.25	-38.99	-331.48	-550.73	-40.88	69.43	338.20
39201	94.44	10.62	-1.25	-56.27	-375.78	-690.94	-39.59	80.73	402.79
39202	93.78	11.65	-1.25	-74.84	-424.50	-848.96	-35.95	88.75	473.98
39203	94.05	9.47	-1.25	-37.86	-291.43	-466.44	-39.40	66.38	252.80
39204	93.63	10.40	-1.25	-50.45	-327.22	-554.16	-41.01	69.10	299.78

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
39205	93.17	11.30	-1.25	-63.89	-367.38	-656.79	-41.85	71.56	353.78
39206	93.05	9.40	-1.25	-31.57	-268.67	-480.38	-34.73	72.72	220.45
39207	92.82	10.19	-1.25	-40.98	-297.93	-539.36	-36.76	71.77	255.76
39208	92.57	10.96	-1.25	-52.26	-331.08	-608.38	-38.19	69.98	297.02
39209	91.21	14.28	-1.25	-128.65	-554.62	-1275.91	-15.54	79.59	660.19
39210	90.94	13.32	-1.25	-85.92	-444.51	-881.25	-34.92	59.99	437.37
39211	90.65	12.37	-1.25	-58.33	-370.95	-769.44	-31.43	62.08	340.98
39212	92.14	13.47	-1.25	-111.61	-513.19	-1136.92	-23.05	87.71	601.13
39213	91.76	12.72	-1.25	-81.39	-422.42	-811.74	-38.47	66.78	415.57
39214	91.38	11.98	-1.25	-59.01	-362.18	-717.26	-35.24	66.59	331.35
39215	93.01	12.60	-1.25	-94.57	-472.18	-1000.47	-29.10	90.76	543.33
39216	92.55	12.08	-1.25	-74.87	-400.96	-745.23	-40.57	70.80	394.63
39217	92.09	11.56	-1.25	-58.41	-352.94	-668.58	-38.08	68.90	322.04
39218	79.03	-3.10	1.75	415.27	-142.41	-1348.85	-26.77	-47.74	-162.78
39219	80.19	-3.10	1.75	360.23	-140.40	-1261.28	-19.26	3.96	-157.10
39220	81.36	-3.10	1.75	307.87	-138.58	-1164.99	-12.85	47.68	-150.37
39221	82.52	-3.10	1.75	258.89	-137.02	-1062.75	-7.56	82.91	-142.76
39222	83.68	-3.10	1.75	213.86	-135.77	-957.06	-3.37	109.55	-134.44
39223	84.84	-3.10	1.75	173.22	-134.88	-850.09	-0.26	127.79	-125.59
39224	86.01	-3.10	1.75	137.29	-134.39	-743.68	1.83	138.03	-116.38
39225	87.17	-3.10	1.75	106.26	-134.29	-639.36	2.94	140.82	-107.02
39226	88.33	-3.10	1.75	80.18	-134.58	-538.33	3.16	136.81	-97.70
39227	89.50	-3.10	1.75	58.97	-135.20	-441.50	2.58	126.69	-88.65
39228	90.66	-3.10	1.75	42.39	-136.07	-349.46	1.34	111.18	-80.05
39229	91.82	-3.10	1.75	30.01	-137.04	-262.50	-0.42	91.05	-72.10
39230	92.98	-3.10	1.75	21.10	-137.94	-180.61	-2.49	67.13	-65.02
39231	94.15	-3.10	1.75	14.42	-138.49	-103.38	-4.65	40.62	-59.01
39232	95.31	-3.10	1.75	8.02	-138.57	-31.99	-6.71	14.05	-54.32
39233	96.47	-3.10	1.75	5.29	-137.69	29.72	-8.91	-11.74	-50.63
39234	79.03	-2.50	1.75	420.23	-139.59	-1364.30	-21.48	-45.30	-142.39
39235	80.20	-2.50	1.75	364.17	-137.71	-1275.58	-15.09	7.43	-137.52
39236	81.37	-2.50	1.75	310.87	-136.01	-1177.99	-9.64	52.00	-131.59
39237	82.54	-2.50	1.75	261.03	-134.56	-1074.34	-5.14	87.89	-124.76
39238	83.71	-2.50	1.75	215.22	-133.44	-967.19	-1.62	115.02	-117.20
39239	84.88	-2.50	1.75	173.91	-132.69	-858.74	0.94	133.58	-109.07
39240	86.04	-2.50	1.75	137.40	-132.37	-750.88	2.57	143.97	-100.57
39241	87.21	-2.50	1.75	105.89	-132.47	-645.17	3.32	146.77	-91.89
39242	88.38	-2.50	1.75	79.43	-132.99	-542.84	3.26	142.63	-83.23
39243	89.55	-2.50	1.75	57.95	-133.88	-444.82	2.50	132.28	-74.80
39244	90.72	-2.50	1.75	41.21	-135.04	-351.74	1.15	116.45	-66.79
39245	91.89	-2.50	1.75	28.79	-136.32	-263.92	-0.61	95.93	-59.39
39246	93.05	-2.50	1.75	19.93	-137.55	-181.33	-2.57	71.61	-52.76
39247	94.22	-2.50	1.75	13.42	-138.46	-103.58	-4.51	44.68	-47.13
39248	95.39	-2.50	1.75	7.29	-138.95	-31.82	-6.15	17.71	-42.73
39249	96.56	-2.50	1.75	4.91	-138.31	30.19	-7.78	-8.24	-39.50
39250	79.04	-3.10	0.25	366.56	-112.71	-1230.71	-26.83	-101.30	-144.08
39251	80.23	-3.10	0.25	318.71	-110.98	-1152.08	-19.88	-48.67	-139.98
39252	81.42	-3.10	0.25	273.24	-109.83	-1065.52	-13.94	-3.16	-134.82
39253	82.60	-3.10	0.25	230.64	-109.27	-973.37	-9.02	34.64	-128.74
39254	83.79	-3.10	0.25	191.40	-109.35	-877.78	-5.13	64.48	-121.93
39255	84.98	-3.10	0.25	155.94	-110.07	-780.70	-2.23	86.41	-114.56
39256	86.16	-3.10	0.25	124.58	-111.42	-683.79	-0.28	100.68	-106.83
39257	87.35	-3.10	0.25	97.55	-113.41	-588.45	0.79	107.71	-98.93
39258	88.53	-3.10	0.25	74.99	-115.98	-495.80	1.04	108.03	-91.06
39259	89.72	-3.10	0.25	56.93	-119.09	-406.67	0.59	102.20	-83.40
39260	90.91	-3.10	0.25	43.31	-122.67	-321.61	-0.45	90.79	-76.13
39261	92.09	-3.10	0.25	33.93	-126.59	-240.84	-1.93	74.30	-69.44
39262	93.28	-3.10	0.25	28.35	-130.70	-164.08	-3.68	53.08	-63.50
39263	94.47	-3.10	0.25	25.53	-134.74	-90.41	-5.44	27.39	-58.56
39264	95.65	-3.10	0.25	22.63	-137.97	-16.15	-6.90	-2.08	-55.10
39265	96.84	-3.10	0.25	6.63	-141.29	51.20	-8.31	-20.77	-53.99
39266	79.05	-2.50	0.25	371.13	-109.27	-1243.94	-21.58	-99.80	-126.95
39267	80.24	-2.50	0.25	322.39	-107.69	-1164.39	-15.76	-46.12	-123.40
39268	81.43	-2.50	0.25	276.08	-106.68	-1076.75	-10.78	0.27	-118.81
39269	82.62	-2.50	0.25	232.70	-106.28	-983.40	-6.68	38.77	-113.33
39270	83.81	-2.50	0.25	192.75	-106.52	-886.55	-3.47	69.14	-107.11
39271	85.01	-2.50	0.25	156.66	-107.42	-788.19	-1.14	91.43	-100.34
39272	86.20	-2.50	0.25	124.75	-108.99	-690.03	0.33	105.90	-93.19
39273	87.39	-2.50	0.25	97.26	-111.20	-593.49	1.02	112.99	-85.85
39274	88.58	-2.50	0.25	74.33	-114.02	-499.72	0.98	113.24	-78.50
39275	89.77	-2.50	0.25	55.99	-117.39	-409.59	0.31	107.25	-71.33
39276	90.97	-2.50	0.25	42.17	-121.24	-323.66	-0.86	95.60	-64.48
39277	92.16	-2.50	0.25	32.68	-125.45	-242.16	-2.40	78.83	-58.12
39278	93.35	-2.50	0.25	27.08	-129.85	-164.84	-4.12	57.33	-52.38
39279	94.54	-2.50	0.25	24.32	-134.19	-90.76	-5.76	31.36	-47.44
39280	95.73	-2.50	0.25	21.65	-137.82	-16.23	-6.93	1.64	-43.65
39281	96.93	-2.50	0.25	6.18	-141.59	51.45	-7.56	-17.09	-42.14
39282	79.06	-3.10	-1.25	304.46	-69.39	-1122.09	-24.21	-144.04	-125.21
39283	80.27	-3.10	-1.25	265.36	-68.39	-1050.89	-18.12	-90.84	-122.55
39284	81.48	-3.10	-1.25	228.10	-68.26	-972.62	-12.89	-44.11	-118.84
39285	82.69	-3.10	-1.25	193.08	-69.00	-889.28	-8.55	-4.47	-114.21
39286	83.90	-3.10	-1.25	160.73	-70.63	-802.72	-5.11	27.77	-108.82
39287	85.11	-3.10	-1.25	131.43	-73.14	-714.63	-2.55	52.55	-102.87
39288	86.32	-3.10	-1.25	105.52	-76.49	-626.48	-0.82	70.04	-96.51
39289	87.53	-3.10	-1.25	83.26	-80.68	-539.51	0.13	80.58	-89.95
39290	88.74	-3.10	-1.25	64.88	-85.67	-454.71	0.38	84.59	-83.35
39291	89.95	-3.10	-1.25	50.55	-91.43	-372.87	0.01	82.60	-76.88
39292	91.16	-3.10	-1.25	40.43	-97.92	-294.50	-0.86	75.10	-70.70
39293	92.37	-3.10	-1.25	34.72	-105.11	-219.83	-2.12	62.53	-64.96
39294	93.58	-3.10	-1.25	33.77	-112.94	-148.72	-3.61	45.04	-59.82
39295	94.79	-3.10	-1.25	38.29	-121.33	-80.05	-5.13	22.12	-55.49
39296	96.00	-3.10	-1.25	49.59	-130.13	-11.53	-6.31	-8.52	-52.50
39297	97.21	-3.10	-1.25	68.54	-136.54	93.83	-4.33	-60.95	-54.86
39298	79.06	-2.50	-1.25	308.43	-65.61	-1133.16	-19.49	-143.35	-111.62
39299	80.27	-2.50	-1.25	268.60	-64.76	-1061.24	-14.44	-89.11	-109.28
39300	81.49	-2.50	-1.25	230.63	-64.78	-982.10	-10.11	-41.50	-105.93
39301	82.70	-2.50	-1.25	194.94	-65.69	-897.77	-6.54	-1.14	-101.71
39302	83.92	-2.50	-1.25	161.97	-67.50	-810.17	-3.76	31.64	-96.76
39303	85.14	-2.50	-1.25	132.12	-70.21	-721.01	-1.74	56.81	-91.25

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
39304	86.35	-2.50	-1.25	105.71	-73.78	-631.80	-0.47	74.54	-85.35
39305	87.57	-2.50	-1.25	83.03	-78.20	-543.82	0.12	85.17	-79.22
39306	88.78	-2.50	-1.25	64.29	-83.43	-458.10	0.08	89.16	-73.04
39307	90.00	-2.50	-1.25	49.67	-89.43	-375.43	-0.51	87.05	-66.95
39308	91.21	-2.50	-1.25	39.31	-96.16	-296.33	-1.54	79.38	-61.08
39309	92.43	-2.50	-1.25	33.41	-103.57	-221.07	-2.91	66.59	-55.57
39310	93.65	-2.50	-1.25	32.31	-111.62	-149.50	-4.47	48.88	-50.50
39311	94.86	-2.50	-1.25	36.68	-120.18	-80.52	-6.05	25.79	-45.99
39312	96.08	-2.50	-1.25	47.84	-129.17	-11.90	-7.29	-4.89	-42.29
39313	97.29	-2.50	-1.25	66.40	-135.33	93.61	-6.04	-56.75	-41.93
39314	60.43	-3.10	1.75	2915.45	307.02	307.34	-315.29	-781.53	1.55
39315	61.59	-3.10	1.75	2275.04	51.86	-31.33	-169.70	-903.80	-154.72
39316	62.75	-3.10	1.75	1939.00	88.37	-450.86	-133.44	-869.58	-191.46
39317	63.92	-3.10	1.75	1698.51	63.90	-786.62	-103.53	-775.16	-182.44
39318	65.08	-3.10	1.75	1497.62	11.84	-1013.81	-90.76	-697.89	-168.56
39319	66.24	-3.10	1.75	1325.92	-42.18	-1172.89	-90.44	-644.58	-159.01
39320	67.40	-3.10	1.75	1179.09	-84.87	-1291.66	-94.69	-604.92	-155.17
39321	68.57	-3.10	1.75	1054.79	-114.05	-1384.28	-97.64	-569.01	-155.71
39322	69.73	-3.10	1.75	950.21	-132.19	-1456.74	-96.95	-530.13	-158.82
39323	70.89	-3.10	1.75	861.58	-142.51	-1510.68	-92.49	-484.62	-162.95
39324	72.06	-3.10	1.75	784.74	-147.67	-1545.73	-85.09	-431.33	-166.94
39325	73.22	-3.10	1.75	715.87	-149.58	-1560.99	-75.78	-370.96	-170.01
39326	74.38	-3.10	1.75	651.85	-149.52	-1555.86	-65.49	-305.54	-171.71
39327	75.54	-3.10	1.75	590.57	-148.33	-1530.55	-54.99	-237.75	-171.82
39328	76.71	-3.10	1.75	530.85	-146.54	-1486.20	-44.80	-170.49	-170.30
39329	77.87	-3.10	1.75	472.35	-144.50	-1424.78	-35.32	-106.42	-167.24
39330	60.34	-2.50	1.75	2825.68	261.13	316.15	205.55	-769.14	-48.86
39331	61.51	-2.50	1.75	2268.24	85.97	1.97	27.19	-903.97	-104.01
39332	62.68	-2.50	1.75	1955.27	91.10	-433.50	-55.20	-869.52	-147.08
39333	63.85	-2.50	1.75	1712.81	64.93	-776.33	-68.74	-777.18	-147.96
39334	65.01	-2.50	1.75	1507.97	16.03	-1008.76	-69.89	-701.97	-139.15
39335	66.18	-2.50	1.75	1334.13	-34.55	-1172.29	-71.85	-650.40	-132.70
39336	67.35	-2.50	1.75	1187.34	-76.01	-1295.02	-75.50	-611.93	-130.39
39337	68.52	-2.50	1.75	1063.94	-105.66	-1391.17	-78.19	-576.56	-131.58
39338	69.69	-2.50	1.75	960.16	-124.93	-1466.70	-78.17	-537.60	-134.92
39339	70.86	-2.50	1.75	871.87	-136.42	-1523.19	-75.10	-491.50	-139.14
39340	72.02	-2.50	1.75	794.94	-142.54	-1560.26	-69.50	-437.21	-143.25
39341	73.19	-2.50	1.75	725.59	-145.18	-1576.95	-62.15	-375.56	-146.56
39342	74.36	-2.50	1.75	660.84	-145.64	-1572.68	-53.83	-308.68	-148.63
39343	75.53	-2.50	1.75	598.65	-144.84	-1547.68	-45.18	-239.38	-149.26
39344	76.70	-2.50	1.75	537.91	-143.34	-1503.15	-36.70	-170.64	-148.39
39345	77.87	-2.50	1.75	478.35	-141.51	-1441.14	-28.72	-105.20	-146.06
39346	60.06	-3.10	0.25	2086.96	147.37	8.80	-343.16	-573.94	-72.56
39347	61.25	-3.10	0.25	1472.86	-206.70	-76.92	-214.23	-712.11	-129.40
39348	62.43	-3.10	0.25	1284.08	-74.06	-292.03	-177.60	-810.08	-152.37
39349	63.62	-3.10	0.25	1222.87	-20.90	-579.81	-135.24	-836.18	-159.91
39350	64.81	-3.10	0.25	1166.65	-27.85	-828.45	-106.99	-808.73	-153.27
39351	65.99	-3.10	0.25	1093.32	-56.42	-1017.02	-95.09	-761.73	-143.94
39352	67.18	-3.10	0.25	1008.39	-84.54	-1156.02	-92.47	-710.20	-137.35
39353	68.37	-3.10	0.25	921.55	-104.85	-1258.22	-92.07	-657.91	-134.84
39354	69.55	-3.10	0.25	839.24	-117.16	-1332.52	-90.25	-604.28	-135.62
39355	70.74	-3.10	0.25	764.03	-123.33	-1383.94	-85.92	-547.84	-138.35
39356	71.92	-3.10	0.25	695.93	-125.36	-1414.96	-79.29	-487.67	-141.80
39357	73.11	-3.10	0.25	633.69	-124.84	-1426.72	-71.05	-423.87	-145.03
39358	74.30	-3.10	0.25	575.73	-122.89	-1419.96	-61.92	-357.42	-147.43
39359	75.48	-3.10	0.25	520.71	-120.28	-1395.52	-52.52	-289.98	-148.64
39360	76.67	-3.10	0.25	467.72	-117.52	-1354.63	-43.32	-223.54	-148.49
39361	77.86	-3.10	0.25	416.33	-114.93	-1299.00	-34.69	-160.05	-146.95
39362	59.97	-2.50	0.25	1952.30	67.16	4.19	282.55	-570.07	-161.48
39363	61.17	-2.50	0.25	1459.78	-157.02	-39.96	68.40	-706.91	-155.16
39364	62.36	-2.50	0.25	1301.85	-67.28	-273.15	-66.48	-816.04	-134.60
39365	63.55	-2.50	0.25	1239.28	-19.87	-568.73	-87.89	-841.61	-133.19
39366	64.74	-2.50	0.25	1177.95	-24.54	-822.58	-82.08	-814.43	-127.73
39367	65.93	-2.50	0.25	1101.23	-49.57	-1015.21	-75.88	-768.31	-121.15
39368	67.13	-2.50	0.25	1015.56	-76.02	-1157.69	-73.90	-717.72	-116.70
39369	68.32	-2.50	0.25	929.28	-96.45	-1263.02	-73.61	-665.95	-115.37
39370	69.51	-2.50	0.25	847.70	-109.67	-1340.05	-72.45	-612.28	-116.66
39371	70.70	-2.50	0.25	772.91	-116.90	-1393.77	-69.37	-555.29	-119.55
39372	71.89	-2.50	0.25	704.82	-119.82	-1426.63	-64.37	-494.18	-123.03
39373	73.09	-2.50	0.25	642.24	-119.97	-1439.75	-57.92	-429.16	-126.30
39374	74.28	-2.50	0.25	583.70	-118.50	-1433.86	-50.59	-361.33	-128.82
39375	75.47	-2.50	0.25	527.93	-116.23	-1409.83	-42.92	-292.46	-130.26
39376	76.66	-2.50	0.25	474.09	-113.72	-1368.92	-35.34	-224.59	-130.44
39377	77.85	-2.50	0.25	421.80	-111.32	-1312.91	-28.15	-159.77	-129.33
39378	59.69	-3.10	-1.25	1507.77	-38.46	-189.80	-278.80	-415.70	-193.48
39379	60.90	-3.10	-1.25	1040.29	-242.03	-257.21	-188.75	-496.22	-138.65
39380	62.11	-3.10	-1.25	859.15	-143.11	-359.80	-163.32	-614.63	-118.33
39381	63.32	-3.10	-1.25	814.79	-74.21	-526.95	-133.96	-727.08	-124.14
39382	64.53	-3.10	-1.25	809.66	-53.10	-718.65	-107.90	-779.28	-123.93
39383	65.74	-3.10	-1.25	796.75	-58.08	-891.80	-92.67	-780.21	-118.89
39384	66.95	-3.10	-1.25	765.83	-69.69	-1031.27	-85.91	-750.77	-113.72
39385	68.16	-3.10	-1.25	721.62	-79.32	-1136.93	-82.70	-705.53	-111.10
39386	69.37	-3.10	-1.25	671.14	-84.81	-1213.14	-79.65	-651.95	-111.35
39387	70.58	-3.10	-1.25	619.37	-86.59	-1264.36	-75.30	-593.24	-113.70
39388	71.79	-3.10	-1.25	568.89	-85.74	-1293.93	-69.43	-530.83	-117.11
39389	73.00	-3.10	-1.25	520.56	-83.31	-1304.19	-62.35	-465.66	-120.68
39390	74.21	-3.10	-1.25	474.37	-80.12	-1296.84	-54.54	-398.83	-123.76
39391	75.42	-3.10	-1.25	429.93	-76.79	-1273.35	-46.48	-331.69	-125.92
39392	76.63	-3.10	-1.25	386.88	-73.72	-1235.25	-38.56	-265.81	-126.93
39393	77.84	-3.10	-1.25	345.05	-71.20	-1184.21	-31.06	-202.77	-126.70
39394	59.61	-2.50	-1.25	1422.40	-70.23	-161.30	105.96	-403.82	-202.90
39395	60.82	-2.50	-1.25	1031.29	-206.84	-235.41	10.53	-486.87	-188.64
39396	62.04	-2.50	-1.25	869.01	-134.56	-339.34	-68.13	-622.78	-124.25
39397	63.25	-2.50	-1.25	826.76	-71.32	-514.66	-87.97	-735.59	-108.84
39398	64.47	-2.50	-1.25	818.51	-49.42	-711.77	-82.68	-786.83	-105.11
39399	65.69	-2.50	-1.25	802.89	-51.67	-888.80	-74.02	-787.74	-101.37
39400	66.90	-2.50	-1.25	771.17	-61.81	-1031.41	-68.83	-758.83	-98.10
39401	68.12	-2.50	-1.25	727.37	-71.37	-1139.82	-66.14	-713.98	-96.71
39402	69.33	-2.50	-1.25	677.58	-77.55	-1218.47	-63.83	-660.35	-97.52

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
39403	70.55	-2.50	-1.25	626.32	-80.19	-1271.77	-60.61	-601.12	-99.98
39404	71.76	-2.50	-1.25	576.00	-80.10	-1303.03	-56.14	-537.81	-103.31
39405	72.98	-2.50	-1.25	527.54	-78.25	-1314.56	-50.61	-471.48	-106.74
39406	74.20	-2.50	-1.25	480.97	-75.49	-1308.07	-44.38	-403.34	-109.71
39407	75.41	-2.50	-1.25	435.98	-72.46	-1285.04	-37.85	-334.84	-111.85
39408	76.63	-2.50	-1.25	392.29	-69.61	-1247.04	-31.36	-267.60	-112.93
39409	77.84	-2.50	-1.25	349.75	-67.26	-1195.77	-25.17	-203.26	-112.86
39410	78.99	-7.25	1.75	355.28	-178.70	-1241.34	-62.91	-75.78	-292.20
39411	80.08	-7.25	1.75	312.46	-175.59	-1166.65	-48.75	-33.62	-282.38
39412	81.17	-7.25	1.75	271.13	-172.68	-1084.80	-36.68	2.62	-271.38
39413	82.26	-7.25	1.75	231.89	-169.98	-997.86	-26.58	32.38	-259.47
39414	83.34	-7.25	1.75	195.28	-167.50	-907.78	-18.36	55.41	-246.92
39415	84.43	-7.26	1.75	161.78	-165.22	-816.32	-11.88	71.74	-233.98
39416	85.52	-7.26	1.75	131.72	-163.11	-725.01	-7.02	81.61	-220.87
39417	86.60	-7.26	1.75	105.34	-161.12	-635.14	-3.67	85.40	-207.84
39418	87.69	-7.26	1.75	82.74	-159.19	-547.71	-1.70	83.54	-195.11
39419	88.78	-7.26	1.75	63.88	-157.27	-463.50	-0.99	76.55	-182.89
39420	89.87	-7.26	1.75	48.62	-155.25	-383.02	-1.43	64.95	-171.40
39421	90.95	-7.26	1.75	36.59	-152.96	-306.54	-2.94	49.27	-160.87
39422	92.04	-7.26	1.75	27.20	-150.15	-234.10	-5.39	30.10	-151.43
39423	93.13	-7.26	1.75	19.46	-146.42	-165.46	-8.73	8.31	-143.11
39424	94.22	-7.27	1.75	11.96	-141.38	-101.31	-12.99	-14.42	-135.70
39425	95.30	-7.27	1.75	7.18	-134.93	-43.71	-18.12	-37.54	-128.97
39426	97.01	-6.15	1.75	375.44	-166.09	-1269.22	-53.53	-66.61	-259.99
39427	80.12	-6.15	1.75	328.57	-163.29	-1190.40	-40.87	-21.54	-251.03
39428	81.23	-6.16	1.75	283.63	-160.73	-1103.90	-30.09	16.96	-240.93
39429	82.35	-6.16	1.75	241.21	-158.43	-1012.03	-21.11	48.32	-229.95
39430	83.46	-6.16	1.75	201.87	-156.39	-916.92	-13.83	72.36	-218.32
39431	84.57	-6.16	1.75	166.08	-154.61	-820.48	-8.15	89.16	-206.28
39432	85.68	-6.17	1.75	134.16	-153.06	-724.34	-3.95	99.01	-194.03
39433	86.80	-6.17	1.75	106.32	-151.71	-629.84	-1.14	102.36	-181.78
39434	87.91	-6.17	1.75	82.64	-150.53	-538.07	0.41	99.71	-169.76
39435	89.02	-6.17	1.75	63.07	-149.44	-449.80	0.79	91.64	-158.18
39436	90.14	-6.18	1.75	47.42	-148.37	-365.56	0.12	78.73	-147.27
39437	91.25	-6.18	1.75	35.30	-147.15	-285.61	-1.49	61.58	-137.24
39438	92.36	-6.18	1.75	26.05	-145.57	-209.94	-3.91	40.88	-128.31
39439	93.48	-6.18	1.75	18.55	-143.25	-138.26	-7.04	17.62	-120.65
39440	94.59	-6.18	1.75	11.20	-139.91	-71.55	-10.82	-6.26	-114.26
39441	95.70	-6.19	1.75	6.92	-135.39	-12.62	-15.44	-30.35	-108.39
39442	79.02	-5.05	1.75	392.51	-155.66	-1297.90	-43.94	-58.66	-226.15
39443	80.15	-5.05	1.75	342.16	-153.17	-1215.42	-33.01	-10.95	-218.23
39444	81.29	-5.06	1.75	294.08	-150.91	-1124.84	-23.71	29.60	-209.22
39445	82.42	-5.06	1.75	248.90	-148.93	-1028.65	-15.98	62.44	-199.35
39446	83.56	-5.06	1.75	207.19	-147.23	-929.14	-9.75	87.44	-188.82
39447	84.69	-5.06	1.75	169.39	-145.84	-828.34	-4.93	104.73	-177.83
39448	85.83	-5.06	1.75	135.83	-144.73	-727.96	-1.45	114.64	-166.59
39449	86.96	-5.07	1.75	106.71	-143.91	-629.42	0.79	117.67	-155.28
39450	88.09	-5.07	1.75	82.07	-143.33	-533.83	1.88	114.40	-144.13
39451	89.23	-5.07	1.75	61.86	-142.95	-442.01	1.92	105.43	-133.34
39452	90.36	-5.07	1.75	45.86	-142.67	-354.51	1.04	91.40	-123.14
39453	91.50	-5.08	1.75	33.65	-142.36	-271.58	-0.65	72.99	-113.76
39454	92.63	-5.08	1.75	24.52	-141.81	-193.18	-2.99	50.94	-105.42
39455	93.77	-5.08	1.75	17.30	-140.71	-119.00	-5.81	26.32	-98.35
39456	94.90	-5.08	1.75	10.23	-138.92	-50.15	-9.03	1.35	-92.63
39457	96.04	-5.08	1.75	6.55	-135.90	10.16	-12.98	-23.24	-87.77
39458	79.03	-3.95	1.75	406.44	-147.40	-1326.69	-34.25	-52.02	-190.87
39459	80.18	-3.95	1.75	353.22	-145.19	-1241.13	-25.21	-1.96	-184.15
39460	81.33	-3.95	1.75	302.54	-143.20	-1147.10	-17.51	40.45	-176.38
39461	82.48	-3.95	1.75	255.06	-141.47	-1047.26	-11.13	74.67	-167.74
39462	83.63	-3.95	1.75	211.34	-140.04	-944.04	-6.02	100.60	-158.42
39463	84.79	-3.96	1.75	171.84	-138.94	-839.53	-2.14	118.41	-148.60
39464	85.94	-3.96	1.75	136.87	-138.20	-735.54	0.57	128.48	-138.47
39465	87.09	-3.96	1.75	106.61	-137.81	-633.54	2.19	131.34	-128.22
39466	88.24	-3.96	1.75	81.12	-137.74	-534.69	2.79	127.59	-118.06
39467	89.39	-3.96	1.75	60.33	-137.95	-439.86	2.49	117.91	-108.20
39468	90.55	-3.96	1.75	44.00	-138.36	-349.61	1.40	102.98	-98.85
39469	91.70	-3.96	1.75	31.69	-138.81	-264.22	-0.34	83.52	-90.23
39470	92.85	-3.96	1.75	22.69	-139.14	-183.66	-2.54	60.33	-82.56
39471	94.00	-3.96	1.75	15.77	-139.05	-107.55	-5.00	34.56	-76.07
39472	95.15	-3.96	1.75	9.05	-138.43	-37.06	-7.62	8.65	-70.93
39473	96.31	-3.96	1.75	5.91	-136.66	24.16	-10.67	-16.66	-67.02
39474	79.01	-7.25	0.25	310.56	-157.34	-1140.69	-63.09	-118.24	-250.94
39475	80.12	-7.25	0.25	273.41	-154.43	-1072.29	-49.63	-75.71	-244.13
39476	81.23	-7.25	0.25	237.72	-152.03	-997.62	-38.06	-38.38	-236.07
39477	82.34	-7.25	0.25	203.89	-150.13	-918.38	-28.30	-6.86	-227.01
39478	83.46	-7.25	0.25	172.37	-148.73	-836.22	-20.26	18.55	-217.22
39479	84.57	-7.26	0.25	143.53	-147.81	-752.62	-13.85	37.77	-206.94
39480	85.68	-7.26	0.25	117.71	-147.36	-668.92	-8.94	50.89	-196.44
39481	86.79	-7.26	0.25	95.14	-147.35	-586.25	-5.42	58.17	-185.97
39482	87.91	-7.26	0.25	76.00	-147.76	-505.51	-3.17	59.92	-175.80
39483	89.02	-7.26	0.25	60.35	-148.55	-427.43	-2.04	56.51	-166.19
39484	90.13	-7.26	0.25	48.19	-149.66	-352.47	-1.94	48.29	-157.42
39485	91.24	-7.26	0.25	39.36	-150.95	-280.87	-2.74	35.54	-149.83
39486	92.36	-7.26	0.25	33.48	-152.18	-212.57	-4.32	18.42	-143.78
39487	93.47	-7.26	0.25	29.59	-152.84	-147.08	-6.67	-2.99	-139.79
39488	94.58	-7.26	0.25	24.99	-151.50	-82.52	-10.09	-27.98	-138.52
39489	95.70	-7.27	0.25	8.31	-144.65	-23.73	-17.09	-46.37	-139.04
39490	79.02	-6.15	0.25	329.41	-141.96	-1163.38	-53.59	-112.70	-224.53
39491	80.16	-6.15	0.25	288.72	-139.39	-1091.72	-41.58	-67.08	-218.26
39492	81.29	-6.16	0.25	249.83	-137.36	-1013.26	-31.28	-27.27	-210.79
39493	82.43	-6.16	0.25	213.16	-135.88	-929.91	-22.62	6.13	-202.33
39494	83.57	-6.16	0.25	179.15	-134.94	-843.47	-15.55	32.84	-193.12
39495	84.71	-6.16	0.25	148.20	-134.54	-755.58	-9.97	52.81	-183.41
39496	85.85	-6.16	0.25	120.63	-134.66	-667.68	-5.78	66.20	-173.43
39497	86.98	-6.17	0.25	96.68	-135.27	-580.97	-2.87	73.31	-163.41
39498	88.12	-6.17	0.25	76.49	-136.35	-496.42	-1.13	74.53	-153.61
39499	89.26	-6.17	0.25	60.13	-137.86	-414.77	-0.44	70.27	-144.26
39500	90.40	-6.17	0.25	47.57	-139.73	-336.50	-0.67	60.96	-135.64
39501	91.54	-6.18	0.25	38.63	-141.84	-261.81	-1.70	46.94	-128.03



Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
39502	92.67	-6.18	0.25	32.92	-143.99	-190.52	-3.39	28.43	-121.79
39503	93.81	-6.18	0.25	29.40	-145.77	-121.93	-5.65	5.57	-117.43
39504	94.95	-6.18	0.25	25.25	-146.03	-53.54	-8.52	-20.98	-115.76
39505	96.09	-6.19	0.25	8.29	-143.00	8.43	-14.04	-39.39	-116.28
39506	79.03	-5.05	0.25	345.36	-129.15	-1187.32	-43.95	-107.91	-196.72
39507	80.19	-5.05	0.25	301.63	-126.90	-1112.76	-33.63	-59.48	-191.14
39508	81.35	-5.06	0.25	259.95	-125.21	-1030.93	-24.78	-17.41	-184.39
39509	82.51	-5.06	0.25	220.80	-124.10	-943.93	-17.38	17.72	-176.68
39510	83.67	-5.06	0.25	184.62	-123.58	-853.71	-11.38	45.63	-168.22
39511	84.82	-5.06	0.25	151.81	-123.63	-762.03	-6.71	66.33	-159.24
39512	85.98	-5.06	0.25	122.69	-124.24	-670.42	-3.29	80.01	-149.95
39513	87.14	-5.07	0.25	97.50	-125.39	-580.15	-1.02	87.02	-140.56
39514	88.30	-5.07	0.25	76.37	-127.06	-492.25	0.19	87.81	-131.32
39515	89.46	-5.07	0.25	59.35	-129.20	-407.49	0.46	82.85	-122.43
39516	90.62	-5.07	0.25	46.40	-131.75	-326.35	-0.08	72.63	-114.15
39517	91.78	-5.07	0.25	37.33	-134.59	-249.04	-1.31	57.53	-106.72
39518	92.94	-5.08	0.25	31.72	-137.53	-175.30	-3.06	37.83	-100.46
39519	94.10	-5.08	0.25	28.49	-140.24	-104.32	-5.16	13.70	-95.81
39520	95.26	-5.08	0.25	24.85	-141.86	-33.01	-7.51	-14.20	-93.45
39521	96.41	-5.08	0.25	7.98	-141.67	31.73	-11.60	-32.39	-93.84
39522	79.04	-3.95	0.25	358.35	-118.91	-1211.76	-34.27	-103.90	-167.51
39523	80.21	-3.95	0.25	312.11	-116.97	-1134.73	-25.81	-52.98	-162.72
39524	81.39	-3.95	0.25	268.13	-115.59	-1050.05	-18.56	-8.88	-156.82
39525	82.57	-3.95	0.25	226.89	-114.81	-959.95	-12.53	27.81	-149.99
39526	83.74	-3.95	0.25	188.86	-114.64	-866.51	-7.69	56.85	-142.41
39527	84.92	-3.95	0.25	154.46	-115.08	-771.58	-3.99	78.25	-134.29
39528	86.09	-3.96	0.25	124.01	-116.12	-676.79	-1.39	92.25	-125.83
39529	87.27	-3.96	0.25	97.72	-117.76	-583.48	0.21	99.25	-117.23
39530	88.45	-3.96	0.25	75.75	-119.96	-492.72	0.89	99.73	-108.70
39531	89.62	-3.96	0.25	58.13	-122.67	-405.33	0.75	94.23	-100.45
39532	90.80	-3.96	0.25	44.80	-125.81	-321.81	-0.09	83.27	-92.67
39533	91.97	-3.96	0.25	35.56	-129.29	-242.37	-1.47	67.31	-85.60
39534	93.15	-3.96	0.25	29.98	-132.92	-166.74	-3.23	46.66	-79.47
39535	94.33	-3.96	0.25	27.01	-136.43	-94.02	-5.15	21.54	-74.60
39536	95.50	-3.96	0.25	23.81	-139.06	-20.72	-7.03	-7.35	-71.59
39537	96.68	-3.96	0.25	7.32	-141.00	45.81	-9.63	-25.80	-71.50
39538	79.02	-7.25	-1.25	255.57	-118.60	-1049.14	-57.29	-151.36	-208.55
39539	80.16	-7.25	-1.25	225.31	-116.40	-985.88	-45.21	-108.44	-204.42
39540	81.29	-7.25	-1.25	196.24	-114.95	-917.17	-34.75	-70.25	-198.98
39541	82.43	-7.25	-1.25	168.69	-114.26	-844.46	-25.88	-37.34	-192.48
39542	83.57	-7.25	-1.25	143.02	-114.31	-769.11	-18.52	-10.07	-185.13
39543	84.71	-7.26	-1.25	119.57	-115.11	-692.39	-12.60	11.41	-177.19
39544	85.85	-7.26	-1.25	98.65	-116.66	-615.45	-8.01	27.14	-168.90
39545	86.98	-7.26	-1.25	80.52	-118.96	-539.24	-4.64	37.27	-160.53
39546	88.12	-7.26	-1.25	65.42	-122.02	-464.57	-2.35	42.06	-152.33
39547	89.26	-7.26	-1.25	53.57	-125.90	-392.07	-1.02	41.81	-144.57
39548	90.40	-7.26	-1.25	45.16	-130.63	-322.19	-0.52	36.79	-137.55
39549	91.54	-7.26	-1.25	40.46	-136.25	-255.15	-0.68	27.21	-131.64
39550	92.67	-7.26	-1.25	39.89	-142.87	-190.95	-1.26	13.02	-127.36
39551	93.81	-7.26	-1.25	44.20	-150.67	-128.93	-2.00	-6.45	-125.71
39552	94.95	-7.26	-1.25	54.81	-160.08	-67.26	-2.34	-33.66	-129.49
39553	96.09	-7.27	-1.25	74.76	-171.66	15.29	1.75	-81.77	-153.12
39554	79.03	-6.15	-1.25	272.03	-101.71	-1066.95	-48.50	-148.98	-188.16
39555	80.19	-6.15	-1.25	238.83	-99.84	-1001.16	-37.76	-102.89	-184.31
39556	81.36	-6.16	-1.25	207.09	-98.78	-929.43	-28.47	-62.08	-179.20
39557	82.52	-6.16	-1.25	177.13	-98.51	-853.35	-20.63	-27.13	-173.03
39558	83.68	-6.16	-1.25	149.32	-99.04	-774.45	-14.19	1.63	-166.03
39559	84.84	-6.16	-1.25	124.01	-100.35	-694.13	-9.06	24.09	-158.43
39560	86.01	-6.16	-1.25	101.52	-102.43	-613.63	-5.17	40.31	-150.45
39561	87.17	-6.17	-1.25	82.12	-105.28	-534.00	-2.41	50.51	-142.34
39562	88.33	-6.17	-1.25	66.03	-108.90	-456.09	-0.66	54.99	-134.34
39563	89.50	-6.17	-1.25	53.45	-113.30	-380.58	0.19	54.13	-126.69
39564	90.66	-6.17	-1.25	44.59	-118.50	-307.90	0.27	48.27	-119.65
39565	91.82	-6.18	-1.25	39.68	-124.51	-238.28	-0.24	37.67	-113.53
39566	92.98	-6.18	-1.25	39.14	-131.39	-171.62	-1.16	22.34	-108.75
39567	94.15	-6.18	-1.25	43.71	-139.21	-107.06	-2.20	1.65	-106.12
39568	95.31	-6.18	-1.25	54.77	-148.14	-42.43	-2.79	-26.94	-107.80
39569	96.47	-6.18	-1.25	74.80	-157.68	49.89	1.25	-77.44	-125.27
39570	79.04	-5.05	-1.25	285.96	-87.59	-1086.25	-39.69	-146.93	-166.56
39571	80.23	-5.05	-1.25	250.25	-86.05	-1018.21	-30.49	-97.97	-163.08
39572	81.41	-5.06	-1.25	216.18	-85.35	-943.77	-22.56	-54.79	-158.39
39573	82.59	-5.06	-1.25	184.11	-85.48	-864.69	-15.89	-17.97	-152.68
39574	83.78	-5.06	-1.25	154.42	-86.44	-782.63	-10.45	12.17	-146.16
39575	84.96	-5.06	-1.25	127.47	-88.22	-699.11	-6.20	35.52	-139.04
39576	86.14	-5.06	-1.25	103.58	-90.79	-615.46	-3.06	52.21	-131.53
39577	87.33	-5.07	-1.25	83.03	-94.16	-532.79	-0.93	62.50	-123.85
39578	88.51	-5.07	-1.25	66.04	-98.30	-452.03	0.28	66.75	-116.22
39579	89.69	-5.07	-1.25	52.79	-103.21	-373.87	0.67	65.38	-108.86
39580	90.87	-5.07	-1.25	43.47	-108.87	-298.79	0.38	58.80	-101.98
39581	92.06	-5.07	-1.25	38.31	-115.30	-226.99	-0.44	47.34	-95.86
39582	93.24	-5.08	-1.25	37.69	-122.48	-158.33	-1.62	31.06	-90.80
39583	94.42	-5.08	-1.25	42.36	-130.41	-91.81	-2.88	9.33	-87.41
39584	95.61	-5.08	-1.25	53.74	-139.18	-25.17	-3.67	-20.35	-87.17
39585	96.79	-5.08	-1.25	73.63	-146.97	74.45	-0.14	-72.17	-99.08
39586	79.05	-3.95	-1.25	297.31	-76.26	-1106.34	-30.92	-145.18	-143.69
39587	80.25	-3.95	-1.25	259.53	-75.03	-1036.38	-23.43	-93.70	-140.64
39588	81.45	-3.95	-1.25	223.52	-74.66	-959.64	-16.98	-48.42	-136.47
39589	82.65	-3.95	-1.25	189.67	-75.16	-877.99	-11.59	-9.93	-131.33
39590	83.85	-3.95	-1.25	158.37	-76.51	-793.23	-7.25	21.44	-125.41
39591	85.05	-3.95	-1.25	130.01	-78.71	-706.96	-3.93	45.63	-118.90
39592	86.25	-3.96	-1.25	104.92	-81.74	-620.60	-1.58	62.78	-111.99
39593	87.45	-3.96	-1.25	83.36	-85.58	-535.35	-0.11	73.19	-104.89
39594	88.65	-3.96	-1.25	65.55	-90.21	-452.16	0.56	77.28	-97.78
39595	89.85	-3.96	-1.25	51.67	-95.61	-371.77	0.51	75.52	-90.86
39596	91.05	-3.96	-1.25	41.90	-101.74	-294.68	-0.12	68.37	-84.33
39597	92.25	-3.96	-1.25	36.44	-108.59	-221.11	-1.20	56.22	-78.36
39598	93.45	-3.96	-1.25	35.66	-116.12	-150.91	-2.57	39.17	-73.20
39599	94.65	-3.96	-1.25	40.30	-124.27	-83.01	-3.99	16.68	-69.21
39600	95.85	-3.96	-1.25	51.72	-133.03	-15.06	-5.03	-13.67	-67.33

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
39601	97.05	-3.96	-1.25	71.19	-139.58	88.77	-2.29	-66.17	-73.98
39602	61.60	-7.27	1.75	1808.03	361.86	-201.40	50.67	-918.55	-331.73
39603	62.69	-7.27	1.75	1915.98	411.70	-371.51	-74.28	-917.40	-331.19
39604	63.77	-7.26	1.75	1796.98	136.13	-735.48	-159.53	-801.70	-342.58
39605	64.86	-7.26	1.75	1566.74	-48.37	-988.39	-243.77	-684.43	-316.25
39606	65.95	-7.26	1.75	1330.30	-131.99	-1140.97	-284.58	-599.54	-298.59
39607	67.03	-7.26	1.75	1132.98	-168.63	-1238.78	-291.76	-546.15	-292.96
39608	68.12	-7.26	1.75	979.34	-185.75	-1308.28	-281.20	-510.40	-293.97
39609	69.21	-7.26	1.75	861.33	-193.78	-1360.89	-262.08	-480.73	-298.10
39610	70.30	-7.26	1.75	769.72	-197.10	-1400.56	-238.88	-450.17	-303.34
39611	71.38	-7.26	1.75	696.63	-197.77	-1428.02	-213.99	-415.17	-308.35
39612	72.47	-7.26	1.75	635.89	-196.77	-1442.66	-188.74	-374.49	-312.18
39613	73.56	-7.25	1.75	582.93	-194.69	-1443.64	-163.95	-328.45	-314.24
39614	74.64	-7.25	1.75	534.47	-191.93	-1430.32	-140.23	-278.35	-314.15
39615	75.73	-7.25	1.75	488.38	-188.77	-1402.63	-118.00	-226.03	-311.78
39616	76.82	-7.25	1.75	443.42	-185.41	-1361.08	-97.59	-173.53	-307.19
39617	77.91	-7.25	1.75	399.05	-182.00	-1306.79	-79.19	-122.85	-300.56
39618	61.20	-6.19	1.74	1318.42	168.15	-69.39	-225.64	-1012.49	-140.61
39619	62.31	-6.19	1.74	1614.72	360.99	-240.79	-201.32	-998.08	-326.21
39620	63.43	-6.18	1.74	1699.60	230.50	-620.75	-148.28	-864.55	-331.52
39621	64.54	-6.18	1.75	1591.76	47.01	-908.98	-161.86	-738.43	-303.85
39622	65.65	-6.18	1.75	1409.17	-69.78	-1091.63	-196.68	-646.69	-278.19
39623	66.76	-6.18	1.75	1225.05	-130.64	-1211.64	-218.59	-586.14	-265.27
39624	67.88	-6.17	1.75	1067.35	-160.62	-1297.34	-223.76	-544.45	-262.03
39625	68.99	-6.17	1.75	940.06	-175.03	-1362.43	-216.94	-510.16	-264.09
39626	70.10	-6.17	1.75	838.63	-181.40	-1412.16	-202.78	-475.59	-268.44
39627	71.22	-6.17	1.75	756.66	-183.44	-1447.74	-184.48	-436.63	-273.17
39628	72.33	-6.16	1.75	688.25	-183.03	-1468.70	-164.15	-391.72	-277.06
39629	73.44	-6.16	1.75	628.61	-181.21	-1474.15	-143.17	-341.13	-279.34
39630	74.55	-6.16	1.75	574.22	-178.58	-1463.48	-122.51	-286.26	-279.60
39631	75.67	-6.16	1.75	522.70	-175.53	-1436.65	-102.84	-229.16	-277.67
39632	76.78	-6.15	1.75	472.69	-172.32	-1394.35	-84.62	-172.10	-273.62
39633	77.89	-6.15	1.75	423.61	-169.13	-1337.94	-68.12	-117.28	-267.61
39634	60.86	-5.09	1.74	1360.21	219.00	72.75	-215.43	-1014.17	-52.08
39635	62.00	-5.08	1.74	1679.32	276.75	-130.20	-360.02	-1005.53	-281.02
39636	63.13	-5.08	1.74	1708.78	201.47	-538.08	-217.73	-886.91	-300.92
39637	64.27	-5.08	1.75	1604.06	86.16	-849.43	-152.08	-764.70	-274.01
39638	65.40	-5.08	1.75	1444.64	-19.24	-1053.34	-147.94	-675.10	-248.21
39639	66.54	-5.07	1.75	1276.76	-89.25	-1191.12	-160.97	-614.79	-233.00
39640	67.67	-5.07	1.75	1124.83	-129.89	-1291.08	-170.08	-571.78	-227.39
39641	68.81	-5.07	1.75	996.75	-151.89	-1367.60	-170.59	-535.40	-227.85
39642	69.94	-5.07	1.75	891.53	-163.04	-1426.61	-163.67	-498.24	-231.31
39643	71.08	-5.07	1.75	804.75	-167.94	-1469.63	-151.62	-456.15	-235.64
39644	72.21	-5.06	1.75	731.38	-169.24	-1496.31	-136.48	-407.61	-239.48
39645	73.34	-5.06	1.75	666.93	-168.47	-1505.75	-119.83	-352.95	-241.96
39646	74.48	-5.06	1.75	607.91	-166.53	-1497.35	-102.80	-293.76	-242.62
39647	75.61	-5.06	1.75	551.94	-164.00	-1471.17	-86.24	-232.31	-241.27
39648	76.75	-5.05	1.75	497.64	-161.20	-1428.05	-70.69	-171.12	-237.94
39649	77.88	-5.05	1.75	444.50	-158.37	-1369.61	-56.52	-112.57	-232.80
39650	60.59	-3.97	1.75	2060.76	447.20	228.03	-587.69	-881.15	46.52
39651	61.75	-3.96	1.75	2020.62	141.16	-64.07	-365.99	-952.70	-227.45
39652	62.90	-3.96	1.75	1838.17	128.68	-482.21	-212.30	-879.76	-246.38
39653	64.05	-3.96	1.75	1654.10	76.10	-808.80	-139.63	-773.26	-227.38
39654	65.20	-3.96	1.75	1474.92	4.40	-1027.13	-117.22	-690.51	-206.69
39655	66.35	-3.96	1.75	1308.30	-58.10	-1178.17	-118.64	-633.90	-193.63
39656	67.51	-3.96	1.75	1160.63	-101.80	-1289.68	-124.89	-592.41	-188.27
39657	68.66	-3.96	1.75	1034.68	-129.00	-1375.98	-127.69	-555.92	-188.34
39658	69.81	-3.96	1.75	929.25	-144.62	-1443.09	-125.14	-517.47	-191.38
39659	70.96	-3.96	1.75	840.75	-152.77	-1492.65	-117.95	-473.18	-195.50
39660	72.11	-3.96	1.75	764.80	-156.30	-1524.33	-107.50	-421.71	-199.37
39661	73.27	-3.95	1.75	697.32	-157.03	-1537.23	-95.12	-363.59	-202.14
39662	74.42	-3.95	1.75	635.03	-156.14	-1530.77	-81.93	-300.66	-203.33
39663	75.57	-3.95	1.75	575.69	-154.36	-1505.09	-68.76	-235.42	-202.75
39664	76.72	-3.95	1.75	518.00	-152.13	-1461.22	-56.19	-170.61	-200.38
39665	77.87	-3.95	1.75	461.55	-149.75	-1400.96	-44.61	-108.78	-196.35
39666	61.21	-7.27	0.24	590.86	-32.68	-672.09	274.28	-364.99	-641.61
39667	62.32	-7.27	0.24	1007.78	244.17	-391.19	24.64	-657.91	-461.60
39668	63.43	-7.27	0.24	1171.63	35.45	-576.86	-128.45	-784.04	-380.06
39669	64.54	-7.26	0.24	1159.21	-101.63	-805.02	-227.21	-772.94	-312.30
39670	65.66	-7.26	0.24	1067.63	-161.73	-985.19	-268.27	-714.28	-271.20
39671	66.77	-7.26	0.24	956.78	-185.04	-1111.75	-275.85	-653.11	-251.59
39672	67.88	-7.26	0.25	851.86	-192.69	-1199.24	-266.46	-600.10	-244.71
39673	68.99	-7.26	0.25	760.72	-193.38	-1259.96	-248.74	-553.61	-244.67
39674	70.11	-7.26	0.25	683.91	-190.96	-1301.17	-227.07	-509.78	-247.96
39675	71.22	-7.26	0.25	619.22	-187.14	-1326.55	-203.84	-465.53	-252.45
39676	72.33	-7.26	0.25	563.75	-182.70	-1337.75	-180.34	-419.16	-256.78
39677	73.44	-7.26	0.25	514.81	-178.02	-1335.44	-157.34	-370.20	-260.11
39678	74.56	-7.25	0.25	470.18	-173.35	-1320.03	-135.34	-319.11	-261.91
39679	75.67	-7.25	0.25	428.25	-168.84	-1291.96	-114.71	-266.96	-261.91
39680	76.78	-7.25	0.25	387.97	-164.61	-1251.97	-95.70	-215.13	-260.02
39681	77.89	-7.25	0.25	348.79	-160.75	-1201.11	-78.46	-165.09	-256.31
39682	60.82	-6.19	0.23	-138.58	-238.76	-811.66	-167.87	-83.67	-352.78
39683	61.96	-6.19	0.23	554.41	186.78	-305.04	-202.31	-545.39	-351.67
39684	63.09	-6.18	0.23	976.03	136.48	-459.47	-168.37	-764.86	-334.22
39685	64.23	-6.18	0.24	1118.29	-5.57	-710.64	-173.50	-799.50	-294.80
39686	65.37	-6.18	0.24	1101.30	-96.21	-920.10	-195.41	-757.84	-256.57
39687	66.51	-6.18	0.24	1018.75	-142.06	-1071.48	-209.54	-698.48	-232.48
39688	67.64	-6.17	0.24	920.09	-162.51	-1177.87	-211.75	-641.70	-221.39
39689	68.78	-6.17	0.24	826.11	-170.08	-1252.77	-204.56	-590.13	-218.69
39690	69.92	-6.17	0.24	743.33	-171.24	-1304.79	-191.25	-541.17	-220.55
39691	71.06	-6.17	0.24	672.07	-169.23	-1338.47	-174.39	-491.93	-224.39
39692	72.19	-6.16	0.24	610.38	-165.70	-1355.92	-155.76	-440.63	-228.52
39693	73.33	-6.16	0.24	555.77	-161.49	-1358.07	-136.57	-386.75	-231.90
39694	74.47	-6.16	0.25	506.00	-157.08	-1345.44	-117.64	-330.75	-233.90
39695	75.61	-6.16	0.25	459.36	-152.77	-1318.62	-99.55	-273.82	-234.20
39696	76.74	-6.15	0.25	414.71	-148.73	-1278.47	-82.69	-217.44	-232.68
39697	77.88	-6.15	0.25	371.46	-145.09	-1226.24	-67.31	-163.23	-229.40
39698	60.49	-5.09	0.23	-81.55	-124.06	-700.91	-212.92	-96.96	-270.34
39699	61.65	-5.09	0.23	633.74	92.58	-208.19	-450.60	-537.16	-204.89

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
39700	62.81	-5.08	0.23	970.41	87.61	-379.53	-287.44	-761.91	-255.40
39701	63.97	-5.08	0.24	1107.80	24.96	-644.89	-188.42	-811.21	-251.65
39702	65.13	-5.08	0.24	1114.91	-48.66	-873.28	-160.37	-782.40	-227.99
39703	66.28	-5.08	0.24	1052.52	-99.95	-1042.42	-159.69	-729.21	-207.21
39704	67.44	-5.07	0.24	963.98	-129.45	-1163.76	-162.33	-673.44	-195.40
39705	68.60	-5.07	0.24	872.73	-144.20	-1250.65	-160.58	-620.14	-191.28
39706	69.76	-5.07	0.24	788.62	-150.17	-1312.15	-153.55	-568.18	-191.99
39707	70.92	-5.07	0.24	714.18	-151.18	-1353.23	-142.44	-515.30	-195.10
39708	72.08	-5.06	0.24	648.63	-149.47	-1376.29	-128.73	-459.98	-198.86
39709	73.24	-5.06	0.24	590.01	-146.39	-1382.40	-113.69	-401.84	-202.14
39710	74.39	-5.06	0.25	536.29	-142.70	-1372.21	-98.26	-341.48	-204.25
39711	75.55	-5.06	0.25	485.81	-138.89	-1346.39	-83.15	-280.23	-204.83
39712	76.71	-5.05	0.25	437.48	-135.25	-1305.98	-68.87	-219.75	-203.73
39713	77.87	-5.05	0.25	390.73	-131.96	-1252.40	-55.73	-161.78	-200.97
39714	60.22	-3.97	0.24	939.38	274.53	-315.79	-752.97	-301.31	-93.10
39715	61.40	-3.96	0.24	1109.08	-85.89	-126.04	-480.37	-634.93	-119.47
39716	62.58	-3.96	0.24	1146.06	-15.51	-324.14	-288.13	-787.41	-188.05
39717	63.75	-3.96	0.24	1166.47	-0.22	-602.64	-181.67	-824.96	-199.19
39718	64.93	-3.96	0.24	1141.61	-31.06	-843.26	-135.26	-798.61	-187.99
39719	66.10	-3.96	0.24	1077.12	-70.59	-1024.63	-122.16	-749.80	-173.85
39720	67.28	-3.96	0.25	992.68	-101.04	-1157.04	-120.80	-696.50	-164.45
39721	68.46	-3.96	0.25	904.44	-120.09	-1253.42	-120.31	-643.49	-160.72
39722	69.63	-3.96	0.25	821.13	-130.21	-1322.75	-116.92	-590.22	-161.14
39723	70.81	-3.96	0.25	745.78	-134.37	-1370.11	-110.17	-534.99	-163.86
39724	71.98	-3.96	0.25	678.29	-134.85	-1397.96	-100.78	-476.63	-167.36
39725	73.16	-3.95	0.25	617.17	-133.23	-1407.47	-89.73	-415.01	-170.58
39726	74.33	-3.95	0.25	560.67	-130.53	-1399.32	-77.90	-350.97	-172.83
39727	75.51	-3.95	0.25	507.30	-127.39	-1374.32	-66.00	-286.00	-173.73
39728	76.69	-3.95	0.25	456.04	-124.25	-1333.61	-54.55	-221.95	-173.14
39729	77.86	-3.95	0.25	406.43	-121.37	-1278.78	-43.90	-160.69	-171.03
39730	60.82	-7.27	-1.26	665.33	-324.98	-698.80	-21.43	-269.69	-733.35
39731	61.95	-7.27	-1.26	705.64	-42.81	-569.73	-76.35	-416.37	-526.84
39732	63.09	-7.27	-1.26	756.13	-101.14	-590.39	-160.15	-609.96	-380.40
39733	64.23	-7.26	-1.26	775.53	-153.54	-724.86	-220.20	-694.78	-280.19
39734	65.37	-7.26	-1.26	756.61	-174.51	-874.61	-244.03	-703.29	-225.27
39735	66.50	-7.26	-1.26	713.28	-178.66	-1000.02	-245.95	-676.82	-198.72
39736	67.64	-7.26	-1.26	659.49	-175.32	-1094.03	-236.19	-637.35	-188.24
39737	68.78	-7.26	-1.26	604.23	-168.91	-1160.41	-220.33	-593.74	-186.68
39738	69.92	-7.26	-1.26	552.09	-161.55	-1204.39	-201.38	-548.50	-189.76
39739	71.06	-7.26	-1.26	504.59	-154.20	-1230.08	-181.14	-501.78	-194.90
39740	72.19	-7.26	-1.25	461.65	-147.23	-1240.18	-160.64	-453.29	-200.48
39741	73.33	-7.26	-1.25	422.50	-140.79	-1236.45	-140.54	-403.04	-205.50
39742	74.47	-7.25	-1.25	386.17	-134.97	-1220.09	-121.26	-351.47	-209.34
39743	75.61	-7.25	-1.25	351.82	-129.81	-1192.12	-103.11	-299.40	-211.66
39744	76.74	-7.25	-1.25	318.81	-125.34	-1153.55	-86.31	-247.91	-212.29
39745	77.88	-7.25	-1.25	286.77	-121.59	-1105.49	-71.00	-198.17	-211.22
39746	60.44	-6.19	-1.28	363.14	-338.95	-798.63	-228.70	20.69	-538.50
39747	61.60	-6.19	-1.28	436.87	-38.85	-587.42	-207.32	-225.03	-371.22
39748	62.76	-6.19	-1.28	610.33	-6.30	-529.21	-184.02	-528.65	-309.89
39749	63.92	-6.18	-1.27	726.30	-68.77	-649.75	-180.53	-687.79	-256.70
39750	65.09	-6.18	-1.27	763.51	-113.90	-810.83	-187.33	-731.85	-213.90
39751	66.25	-6.18	-1.27	747.45	-135.85	-954.33	-191.27	-717.69	-186.97
39752	67.41	-6.18	-1.27	704.34	-143.34	-1065.39	-188.98	-679.67	-173.59
39753	68.57	-6.17	-1.27	651.24	-143.22	-1145.78	-180.99	-633.10	-169.43
39754	69.73	-6.17	-1.26	597.23	-139.43	-1200.74	-168.84	-583.33	-170.75
39755	70.90	-6.17	-1.26	546.24	-134.05	-1234.85	-154.08	-531.61	-174.81
39756	72.06	-6.16	-1.26	499.32	-128.18	-1251.26	-137.94	-478.04	-179.81
39757	73.22	-6.16	-1.26	456.18	-122.38	-1252.04	-121.32	-422.74	-184.56
39758	74.38	-6.16	-1.26	416.03	-116.95	-1238.62	-104.87	-366.22	-188.33
39759	75.54	-6.16	-1.25	378.05	-112.08	-1212.18	-89.09	-309.38	-190.70
39760	76.71	-6.15	-1.25	341.61	-107.87	-1173.89	-74.29	-253.38	-191.47
39761	77.87	-6.15	-1.25	306.33	-104.39	-1125.05	-60.71	-199.50	-190.59
39762	60.12	-5.09	-1.28	425.16	-229.42	-662.46	-282.99	26.40	-453.28
39763	61.30	-5.09	-1.28	502.46	-69.19	-521.02	-358.86	-214.65	-198.15
39764	62.48	-5.08	-1.28	614.15	-27.34	-472.44	-268.31	-511.51	-202.12
39765	63.67	-5.08	-1.27	716.13	-39.62	-595.92	-192.11	-685.75	-204.22
39766	64.85	-5.08	-1.27	766.54	-71.69	-765.77	-159.93	-748.65	-186.94
39767	66.03	-5.08	-1.27	766.14	-96.92	-921.85	-150.43	-745.80	-168.27
39768	67.21	-5.07	-1.27	733.21	-111.20	-1045.75	-147.03	-711.93	-156.12
39769	68.40	-5.07	-1.27	684.76	-116.98	-1137.43	-142.66	-665.16	-151.06
39770	69.58	-5.07	-1.26	631.66	-117.39	-1201.67	-135.40	-612.93	-151.13
39771	70.76	-5.07	-1.26	579.45	-114.79	-1243.09	-125.42	-557.67	-154.16
39772	71.95	-5.06	-1.26	530.25	-110.67	-1265.06	-113.52	-500.04	-158.43
39773	73.13	-5.06	-1.26	484.36	-105.98	-1269.81	-100.55	-440.45	-162.71
39774	74.31	-5.06	-1.26	441.30	-101.27	-1258.95	-87.24	-379.58	-166.24
39775	75.49	-5.06	-1.25	400.38	-96.89	-1233.79	-74.14	-318.47	-168.54
39776	76.68	-5.05	-1.25	361.04	-93.07	-1195.65	-61.67	-258.42	-169.38
39777	77.86	-5.05	-1.25	322.96	-89.94	-1145.98	-50.12	-200.79	-168.70
39778	59.85	-3.97	-1.26	940.84	-8.02	-404.25	-548.67	-176.38	-302.23
39779	61.05	-3.97	-1.26	807.90	-164.05	-370.02	-376.61	-369.62	-98.67
39780	62.25	-3.96	-1.26	752.89	-100.81	-406.52	-260.83	-565.65	-132.03
39781	63.45	-3.96	-1.26	767.18	-58.05	-553.40	-180.48	-706.16	-152.53
39782	64.65	-3.96	-1.26	788.10	-56.24	-735.11	-136.33	-765.69	-151.59
39783	65.85	-3.96	-1.26	783.70	-70.64	-901.34	-117.82	-766.79	-142.20
39784	67.05	-3.96	-1.26	753.81	-84.77	-1034.89	-111.14	-736.06	-133.89
39785	68.25	-3.96	-1.26	708.50	-93.69	-1135.28	-107.56	-690.13	-129.77
39786	69.45	-3.96	-1.26	656.93	-97.50	-1206.93	-103.15	-636.86	-129.60
39787	70.65	-3.96	-1.26	604.73	-97.61	-1254.36	-96.76	-579.32	-132.03
39788	71.85	-3.96	-1.25	554.47	-95.44	-1280.95	-88.54	-518.67	-135.70
39789	73.05	-3.95	-1.25	506.88	-92.06	-1289.04	-79.04	-455.64	-139.54
39790	74.25	-3.95	-1.25	461.75	-88.22	-1280.29	-68.89	-391.14	-142.79
39791	75.45	-3.95	-1.25	418.58	-84.44	-1256.13	-58.64	-326.40	-145.01
39792	76.65	-3.95	-1.25	376.91	-81.06	-1218.01	-48.70	-262.84	-145.93
39793	77.85	-3.95	-1.25	336.51	-78.29	-1167.51	-39.39	-201.97	-145.49
39794	78.97	-8.70	1.75	324.41	-198.53	-1207.50	-74.73	-89.54	-332.10
39795	80.02	-8.70	1.75	287.53	-195.05	-1138.85	-59.18	-51.73	-321.59
39796	81.06	-8.70	1.75	251.57	-191.61	-1063.89	-45.80	-18.85	-309.84
39797	82.11	-8.70	1.75	217.07	-188.28	-984.32	-34.53	8.51	-297.15
39798	83.16	-8.70	1.75	184.56	-185.08	-901.80	-25.26	30.06	-283.81

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
39799	84.20	-8.70	1.75	154.50	-181.98	-817.87	-17.86	45.74	-270.09
39800	85.25	-8.70	1.75	127.25	-178.95	-733.88	-12.22	55.69	-256.26
39801	86.29	-8.70	1.75	103.07	-175.94	-651.00	-8.20	60.17	-242.56
39802	87.34	-8.70	1.75	82.11	-172.86	-570.16	-5.70	59.56	-229.22
39803	88.38	-8.70	1.75	64.36	-169.54	-492.11	-4.61	54.25	-216.53
39804	89.43	-8.70	1.75	49.62	-166.06	-417.43	-4.68	44.58	-204.51
39805	90.47	-8.70	1.75	37.79	-162.07	-346.28	-6.03	31.22	-193.48
39806	91.52	-8.70	1.75	28.31	-157.28	-278.84	-8.54	14.40	-183.64
39807	92.57	-8.70	1.75	19.98	-151.19	-215.12	-12.09	-5.48	-174.43
39808	93.61	-8.70	1.75	12.31	-143.43	-155.06	-16.53	-26.84	-165.43
39809	94.66	-8.70	1.75	6.75	-134.98	-100.06	-21.76	-49.51	-155.20
39810	78.98	-8.10	1.75	337.82	-189.94	-1220.84	-69.95	-83.57	-316.04
39811	80.05	-8.10	1.75	298.42	-186.61	-1149.57	-54.88	-43.87	-305.74
39812	81.11	-8.10	1.75	260.16	-183.39	-1071.62	-41.97	-9.53	-294.22
39813	82.18	-8.10	1.75	223.62	-180.34	-988.85	-31.13	18.88	-281.77
39814	83.24	-8.10	1.75	189.34	-177.45	-903.04	-22.26	41.08	-268.68
39815	84.30	-8.10	1.75	157.79	-174.71	-815.82	-15.21	57.04	-255.20
39816	85.37	-8.10	1.75	129.33	-172.08	-728.64	-9.88	66.96	-241.60
39817	86.43	-8.10	1.75	104.19	-169.51	-642.70	-6.14	71.14	-228.10
39818	87.50	-8.10	1.75	82.51	-166.92	-558.98	-3.87	69.98	-214.96
39819	88.56	-8.10	1.75	64.25	-164.23	-478.25	-2.90	63.93	-202.38
39820	89.63	-8.10	1.75	49.33	-161.39	-401.00	-3.16	53.45	-190.55
39821	90.69	-8.10	1.75	37.40	-158.13	-327.52	-4.59	39.05	-179.72
39822	91.75	-8.10	1.75	27.89	-154.22	-257.90	-7.04	21.17	-169.95
39823	92.82	-8.10	1.75	19.91	-149.18	-191.94	-10.49	0.55	-161.14
39824	93.88	-8.10	1.75	12.31	-142.73	-130.12	-14.91	-21.41	-152.69
39825	94.95	-8.10	1.75	7.16	-134.93	-73.66	-20.21	-43.74	-143.96
39826	78.99	-8.70	0.25	281.72	-181.63	-1114.10	-75.26	-126.64	-283.95
39827	80.06	-8.70	0.25	249.77	-178.35	-1050.41	-60.45	-88.61	-276.71
39828	81.13	-8.70	0.25	218.80	-175.43	-981.27	-47.59	-54.93	-268.20
39829	82.20	-8.70	0.25	189.19	-172.92	-908.11	-36.65	-26.16	-258.72
39830	83.27	-8.70	0.25	161.35	-170.83	-832.28	-27.55	-2.65	-248.52
39831	84.35	-8.70	0.25	135.65	-169.15	-755.09	-20.17	15.47	-237.89
39832	85.42	-8.70	0.25	112.43	-167.86	-677.69	-14.40	28.23	-227.08
39833	86.49	-8.70	0.25	91.93	-166.96	-601.09	-10.12	35.78	-216.38
39834	87.56	-8.70	0.25	74.35	-166.40	-526.13	-7.20	38.37	-206.09
39835	88.63	-8.70	0.25	59.76	-166.08	-453.47	-5.54	36.28	-196.55
39836	89.71	-8.70	0.25	48.09	-166.09	-383.69	-4.91	29.65	-187.92
39837	90.78	-8.70	0.25	39.38	-166.10	-316.94	-5.38	18.95	-180.70
39838	91.85	-8.70	0.25	33.24	-165.86	-253.47	-6.81	4.05	-175.42
39839	92.92	-8.70	0.25	28.55	-164.56	-193.35	-9.28	-15.34	-172.19
39840	93.99	-8.70	0.25	23.23	-160.40	-135.57	-13.25	-38.28	-171.50
39841	95.06	-8.70	0.25	7.18	-147.18	-82.53	-22.03	-58.21	-168.48
39842	79.00	-8.10	0.25	294.23	-171.04	-1124.40	-70.31	-122.98	-270.60
39843	80.09	-8.10	0.25	260.09	-167.90	-1058.69	-55.95	-83.01	-263.47
39844	81.18	-8.10	0.25	227.09	-165.21	-987.19	-43.56	-47.76	-255.10
39845	82.27	-8.10	0.25	195.68	-162.95	-911.41	-33.06	-17.80	-245.73
39846	83.36	-8.10	0.25	166.25	-161.15	-832.85	-24.36	6.53	-235.63
39847	84.45	-8.10	0.25	139.20	-159.79	-752.88	-17.36	25.13	-225.07
39848	85.54	-8.10	0.25	114.86	-158.86	-672.73	-11.93	38.05	-214.32
39849	86.63	-8.10	0.25	93.47	-158.33	-593.48	-7.97	45.48	-203.65
39850	87.72	-8.10	0.25	75.21	-158.16	-515.98	-5.33	47.71	-193.35
39851	88.81	-8.10	0.25	60.15	-158.34	-440.95	-3.87	45.03	-183.69
39852	89.90	-8.10	0.25	48.31	-158.81	-368.85	-3.48	37.75	-174.95
39853	90.99	-8.10	0.25	39.54	-159.37	-299.95	-4.10	26.13	-167.54
39854	92.08	-8.10	0.25	33.49	-159.78	-234.34	-5.57	10.20	-161.82
39855	93.17	-8.10	0.25	29.24	-159.38	-171.72	-7.97	-9.99	-158.25
39856	94.26	-8.10	0.25	24.24	-156.57	-110.86	-11.71	-33.83	-157.16
39857	95.35	-8.10	0.25	8.02	-146.21	-54.93	-19.80	-52.43	-155.87
39858	79.00	-8.70	-1.25	230.46	-145.25	-1029.07	-68.72	-155.01	-233.87
39859	80.10	-8.70	-1.25	204.46	-142.69	-969.50	-55.37	-116.70	-229.58
39860	81.20	-8.70	-1.25	179.33	-140.75	-905.22	-43.72	-82.33	-223.99
39861	82.29	-8.70	-1.25	155.34	-139.49	-837.44	-33.75	-52.42	-217.32
39862	83.39	-8.70	-1.25	132.83	-138.91	-767.31	-25.38	-27.35	-209.83
39863	84.49	-8.70	-1.25	112.11	-139.03	-695.91	-18.53	-7.30	-201.77
39864	85.59	-8.70	-1.25	93.50	-139.86	-624.23	-13.09	7.70	-193.40
39865	86.69	-8.70	-1.25	77.26	-141.42	-553.12	-8.94	17.74	-185.00
39866	87.78	-8.70	-1.25	63.63	-143.76	-483.30	-5.96	23.00	-176.85
39867	88.88	-8.70	-1.25	52.82	-146.92	-415.35	-4.00	23.69	-169.33
39868	89.98	-8.70	-1.25	44.95	-151.13	-349.81	-2.85	19.88	-162.66
39869	91.08	-8.70	-1.25	40.46	-156.30	-286.78	-2.47	11.96	-157.37
39870	92.18	-8.70	-1.25	39.69	-162.71	-226.54	-2.51	-0.38	-154.35
39871	93.28	-8.70	-1.25	43.32	-170.64	-169.03	-2.76	-18.09	-154.58
39872	94.37	-8.70	-1.25	52.93	-180.70	-113.10	-2.54	-43.17	-162.02
39873	95.47	-8.70	-1.25	72.34	-196.64	-49.86	1.25	-88.15	-193.33
39874	79.01	-8.10	-1.25	241.34	-133.62	-1036.72	-64.04	-153.40	-223.67
39875	80.12	-8.10	-1.25	213.55	-131.18	-975.54	-51.12	-113.12	-219.39
39876	81.24	-8.10	-1.25	186.73	-129.45	-909.35	-39.91	-77.10	-213.81
39877	82.36	-8.10	-1.25	161.22	-128.41	-839.44	-30.35	-45.90	-207.16
39878	83.47	-8.10	-1.25	137.36	-128.09	-767.05	-22.37	-19.88	-199.67
39879	84.59	-8.10	-1.25	115.47	-128.48	-693.36	-15.88	0.79	-191.60
39880	85.70	-8.10	-1.25	95.86	-129.60	-619.40	-10.78	16.12	-183.20
39881	86.82	-8.10	-1.25	78.82	-131.46	-546.08	-6.95	26.20	-174.76
39882	87.94	-8.10	-1.25	64.55	-134.08	-474.15	-4.26	31.27	-166.54
39883	89.05	-8.10	-1.25	53.27	-137.55	-404.23	-2.55	31.53	-158.85
39884	90.17	-8.10	-1.25	45.22	-141.95	-336.75	-1.69	27.23	-151.98
39885	91.28	-8.10	-1.25	40.64	-147.29	-271.96	-1.54	18.57	-146.40
39886	92.40	-8.10	-1.25	39.98	-153.77	-209.96	-1.82	5.36	-142.72
39887	93.52	-8.10	-1.25	43.97	-161.60	-150.33	-2.28	-13.06	-142.08
39888	94.63	-8.10	-1.25	54.07	-171.52	-91.75	-2.26	-39.14	-147.75
39889	95.75	-8.10	-1.25	73.79	-185.42	-18.95	1.68	-85.03	-175.58
39890	62.24	-8.70	1.75	3066.17	732.86	-206.49	-657.41	-733.70	-188.24
39891	63.29	-8.70	1.75	2116.21	154.33	-638.59	-501.09	-711.98	-313.30
39892	64.33	-8.70	1.75	1630.56	-74.05	-947.60	-492.37	-634.50	-315.88
39893	65.38	-8.70	1.75	1308.10	-139.06	-1120.53	-461.85	-556.85	-320.89
39894	66.43	-8.70	1.75	1087.35	-168.88	-1219.26	-420.55	-508.45	-326.27
39895	67.47	-8.70	1.75	928.77	-188.37	-1284.07	-380.47	-479.17	-331.74
39896	68.52	-8.70	1.75	812.31	-200.76	-1330.78	-343.16	-457.98	-337.13
39897	69.56	-8.70	1.75	724.67	-207.85	-1365.79	-307.83	-437.47	-342.68

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
39898	70.61	-8.70	1.75	656.36	-212.16	-1391.22	-274.68	-413.72	-348.03
39899	71.65	-8.70	1.75	601.11	-214.09	-1407.02	-243.29	-384.81	-352.58
39900	72.70	-8.70	1.75	554.34	-214.30	-1412.50	-213.55	-350.32	-355.76
39901	73.74	-8.70	1.75	512.69	-213.23	-1406.86	-185.47	-310.81	-357.14
39902	74.79	-8.70	1.75	473.82	-211.21	-1389.53	-159.19	-267.51	-356.42
39903	75.84	-8.70	1.75	436.17	-208.53	-1360.35	-134.84	-222.03	-353.45
39904	76.88	-8.70	1.75	398.89	-205.43	-1319.67	-112.58	-176.10	-348.29
39905	77.93	-8.70	1.75	361.62	-202.03	-1268.29	-92.54	-131.42	-341.08
39906	61.95	-8.10	1.75	2746.51	531.04	-211.97	-76.84	-850.44	-271.90
39907	63.02	-8.10	1.75	2204.53	302.60	-504.20	-212.31	-815.29	-327.53
39908	64.08	-8.10	1.75	1804.31	-12.95	-849.61	-324.97	-723.22	-332.35
39909	65.15	-8.10	1.75	1469.43	-125.69	-1062.63	-372.86	-619.39	-316.56
39910	66.21	-8.10	1.75	1214.10	-166.47	-1185.12	-370.94	-550.00	-312.82
39911	67.27	-8.10	1.75	1027.07	-186.34	-1263.64	-349.35	-508.51	-314.59
39912	68.34	-8.10	1.75	889.36	-197.69	-1319.90	-321.80	-480.45	-318.79
39913	69.40	-8.10	1.75	786.05	-203.75	-1362.38	-292.20	-455.83	-324.12
39914	70.47	-8.10	1.75	706.54	-206.77	-1393.87	-262.32	-429.11	-329.66
39915	71.53	-8.10	1.75	643.00	-207.74	-1414.66	-233.03	-397.60	-334.56
39916	72.60	-8.10	1.75	589.89	-207.17	-1424.08	-204.71	-360.48	-338.14
39917	73.66	-8.10	1.75	543.20	-205.50	-1421.30	-177.65	-318.22	-339.87
39918	74.72	-8.10	1.75	500.11	-203.06	-1405.73	-152.14	-272.04	-339.45
39919	75.79	-8.10	1.75	458.79	-200.09	-1377.22	-128.45	-223.65	-336.75
39920	76.85	-8.10	1.75	418.18	-196.82	-1336.20	-106.78	-174.93	-331.82
39921	77.92	-8.10	1.75	377.84	-193.38	-1283.61	-87.27	-127.70	-324.83
39922	61.84	-8.70	0.25	2326.14	485.66	-404.15	-438.31	-684.40	-334.83
39923	62.91	-8.70	0.25	1546.45	-53.72	-633.86	-380.34	-722.92	-432.28
39924	63.98	-8.70	0.25	1226.86	-180.68	-814.06	-428.76	-714.44	-345.30
39925	65.05	-8.70	0.25	1042.35	-206.57	-976.17	-424.56	-666.32	-304.88
39926	66.12	-8.70	0.25	909.70	-214.59	-1096.13	-397.47	-614.40	-286.12
39927	67.19	-8.70	0.25	802.51	-218.18	-1179.78	-364.39	-569.90	-279.51
39928	68.27	-8.70	0.25	714.99	-218.38	-1237.53	-330.31	-532.22	-278.73
39929	69.34	-8.70	0.25	643.32	-216.30	-1276.97	-296.79	-497.74	-281.20
39930	70.41	-8.70	0.25	583.83	-213.49	-1302.41	-264.95	-463.51	-285.20
39931	71.48	-8.70	0.25	533.62	-209.98	-1315.77	-234.82	-427.45	-289.51
39932	72.55	-8.70	0.25	490.11	-206.06	-1317.91	-206.43	-388.59	-293.30
39933	73.63	-8.70	0.25	451.14	-201.90	-1309.14	-179.80	-346.87	-295.96
39934	74.70	-8.70	0.25	415.05	-197.63	-1289.67	-154.99	-302.88	-297.10
39935	75.77	-8.70	0.25	380.62	-193.37	-1259.76	-132.06	-257.62	-296.49
39936	76.84	-8.70	0.25	347.11	-189.23	-1219.96	-111.10	-212.32	-294.04
39937	77.91	-8.70	0.25	314.15	-185.28	-1171.05	-92.15	-168.27	-289.79
39938	61.55	-8.10	0.25	1859.21	248.41	-415.99	123.52	-729.26	-505.37
39939	62.64	-8.10	0.25	1485.26	94.95	-500.23	-85.34	-742.50	-467.79
39940	63.73	-8.10	0.25	1297.04	-120.21	-700.87	-270.54	-773.92	-370.39
39941	64.82	-8.10	0.25	1138.31	-184.68	-898.27	-339.00	-725.97	-306.98
39942	65.91	-8.10	0.25	999.20	-204.02	-1046.68	-347.22	-662.97	-277.94
39943	67.00	-8.10	0.25	879.76	-209.90	-1149.37	-331.51	-607.72	-266.29
39944	68.09	-8.10	0.25	779.59	-210.46	-1220.03	-307.18	-562.00	-263.59
39945	69.18	-8.10	0.25	696.87	-208.17	-1268.63	-279.59	-521.81	-265.46
39946	70.27	-8.10	0.25	628.63	-204.71	-1300.80	-251.32	-483.24	-269.49
39947	71.36	-8.10	0.25	571.49	-200.66	-1319.30	-223.58	-443.60	-274.10
39948	72.45	-8.10	0.25	522.44	-196.27	-1325.32	-196.84	-401.51	-278.27
39949	73.54	-8.10	0.25	478.96	-191.74	-1319.32	-171.42	-356.70	-281.32
39950	74.63	-8.10	0.25	439.06	-187.21	-1301.57	-147.54	-309.69	-282.81
39951	75.72	-8.10	0.25	401.32	-182.78	-1272.46	-125.37	-261.51	-282.49
39952	76.81	-8.10	0.25	364.86	-178.55	-1232.57	-105.05	-213.43	-280.29
39953	77.90	-8.10	0.25	329.19	-174.61	-1182.82	-86.69	-166.83	-276.27
39954	61.43	-8.70	-1.25	1550.77	-54.78	-658.67	-499.17	-648.00	-583.81
39955	62.53	-8.70	-1.25	1044.72	-290.85	-660.75	-404.02	-631.61	-509.79
39956	63.62	-8.70	-1.25	836.19	-279.48	-756.13	-392.42	-637.99	-341.73
39957	64.72	-8.70	-1.25	736.54	-254.71	-878.68	-376.18	-639.35	-265.09
39958	65.82	-8.70	-1.25	671.78	-234.58	-990.61	-351.60	-623.74	-228.73
39959	66.92	-8.70	-1.25	615.38	-220.43	-1079.29	-323.77	-597.32	-214.05
39960	68.02	-8.70	-1.25	563.68	-208.54	-1143.79	-294.65	-565.98	-210.08
39961	69.12	-8.70	-1.25	516.58	-198.16	-1187.90	-265.55	-531.98	-211.88
39962	70.21	-8.70	-1.25	474.04	-189.29	-1215.28	-237.57	-496.06	-216.54
39963	71.31	-8.70	-1.25	435.84	-181.39	-1228.55	-210.90	-457.95	-222.19
39964	72.41	-8.70	-1.25	401.30	-174.30	-1229.49	-185.70	-417.48	-227.74
39965	73.51	-8.70	-1.25	369.59	-167.91	-1219.27	-162.04	-374.82	-232.49
39966	74.61	-8.70	-1.25	339.87	-162.16	-1198.73	-139.97	-330.51	-235.97
39967	75.70	-8.70	-1.25	311.46	-157.01	-1168.61	-119.55	-285.36	-237.91
39968	76.80	-8.70	-1.25	283.88	-152.47	-1129.69	-100.85	-240.37	-238.18
39969	77.90	-8.70	-1.25	256.89	-148.52	-1082.84	-83.89	-196.60	-236.77
39970	61.15	-8.10	-1.25	1302.61	-156.34	-521.42	-121.81	-626.39	-648.42
39971	62.27	-8.10	-1.25	1005.99	-173.50	-579.59	-179.90	-596.82	-548.40
39972	63.38	-8.10	-1.25	863.30	-228.47	-666.26	-270.94	-660.41	-373.47
39973	64.50	-8.10	-1.25	785.48	-227.48	-804.82	-306.27	-678.96	-272.83
39974	65.62	-8.10	-1.25	724.74	-217.81	-937.51	-307.90	-665.02	-226.59
39975	66.73	-8.10	-1.25	666.64	-207.08	-1043.62	-293.60	-634.55	-206.53
39976	67.85	-8.10	-1.25	610.11	-196.81	-1121.44	-272.64	-597.86	-200.14
39977	68.96	-8.10	-1.25	557.30	-187.00	-1175.31	-248.79	-558.95	-200.85
39978	70.08	-8.10	-1.25	509.46	-178.12	-1209.85	-224.15	-518.66	-205.11
39979	71.20	-8.10	-1.25	466.57	-170.10	-1228.45	-199.82	-476.70	-210.75
39980	72.31	-8.10	-1.25	428.01	-162.85	-1233.30	-176.29	-432.73	-216.47
39981	73.43	-8.10	-1.25	392.84	-156.31	-1225.82	-153.87	-386.81	-221.44
39982	74.54	-8.10	-1.25	360.12	-150.45	-1207.05	-132.76	-339.39	-225.15
39983	75.66	-8.10	-1.25	329.05	-145.24	-1177.82	-113.13	-291.29	-227.30
39984	76.78	-8.10	-1.25	299.07	-140.69	-1139.01	-95.08	-243.53	-227.75
39985	77.89	-8.10	-1.25	269.86	-136.80	-1091.61	-78.71	-197.21	-226.50
39986	67.47	-9.45	1.75	823.21	-177.73	-1302.32	-413.45	-446.48	-353.29
39987	66.50	-9.41	1.75	946.54	-152.02	-1249.98	-462.90	-463.46	-344.98
39988	65.53	-9.36	1.75	1113.38	-116.86	-1171.92	-523.93	-490.06	-333.06
39989	67.28	-10.34	1.75	690.23	-149.42	-1329.23	-440.73	-404.68	-381.82
39990	66.43	-10.22	1.75	776.84	-114.69	-1287.00	-488.91	-409.82	-370.68
39991	65.59	-10.08	1.75	885.62	-65.98	-1225.12	-551.77	-417.08	-354.00
39992	67.10	-11.25	1.75	534.91	-110.34	-1379.87	-430.69	-356.59	-414.61
39993	66.38	-11.03	1.75	590.09	-74.27	-1343.34	-471.17	-352.27	-401.73
39994	65.67	-10.80	1.75	662.83	-16.37	-1289.82	-516.23	-346.95	-384.85
39995	77.92	-9.82	1.75	328.83	-218.38	-1247.57	-101.89	-140.49	-370.11
39996	76.85	-9.80	1.75	362.56	-221.42	-1299.43	-123.62	-182.30	-377.55

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
39997	75.79	-9.78	1.75	396.00	-223.75	-1341.08	-147.54	-224.89	-382.58
39998	74.73	-9.76	1.75	429.50	-225.17	-1371.95	-173.51	-266.63	-385.13
39999	73.68	-9.73	1.75	463.89	-225.42	-1391.86	-201.36	-305.88	-385.23
40000	72.63	-9.69	1.75	500.57	-224.18	-1401.02	-230.97	-341.21	-383.11
40001	71.58	-9.65	1.75	541.66	-221.04	-1399.99	-262.33	-371.51	-379.12
40002	70.54	-9.61	1.75	590.08	-215.52	-1389.42	-295.63	-396.30	-373.71
40003	69.51	-9.55	1.75	649.82	-206.95	-1369.78	-331.32	-415.91	-367.36
40004	68.47	-9.50	1.75	726.29	-194.25	-1340.83	-370.19	-431.81	-360.29
40005	77.89	-11.45	1.75	278.11	-243.31	-1230.14	-113.11	-155.64	-408.83
40006	76.77	-11.41	1.75	306.89	-245.56	-1284.38	-136.72	-193.98	-416.83
40007	75.66	-11.36	1.75	334.99	-246.26	-1328.79	-162.44	-232.38	-421.93
40008	74.56	-11.29	1.75	362.84	-245.12	-1363.05	-189.99	-269.24	-424.15
40009	73.47	-11.20	1.75	391.26	-241.80	-1387.09	-219.16	-303.05	-423.64
40010	72.39	-11.09	1.75	421.63	-235.94	-1401.11	-249.84	-332.53	-420.71
40011	71.33	-10.97	1.75	455.85	-227.08	-1405.51	-282.12	-356.77	-415.75
40012	70.28	-10.83	1.75	496.51	-214.59	-1400.60	-316.44	-375.40	-409.17
40013	69.24	-10.67	1.75	547.08	-197.68	-1386.35	-353.72	-388.76	-401.16
40014	68.21	-10.50	1.75	612.73	-175.16	-1361.76	-395.54	-398.13	-391.57
40015	77.86	-13.09	1.75	223.38	-263.70	-1241.80	-119.73	-173.19	-445.41
40016	76.69	-13.03	1.75	246.36	-264.99	-1299.12	-143.44	-207.11	-454.26
40017	75.54	-12.95	1.75	268.47	-263.72	-1347.32	-168.89	-240.42	-459.95
40018	74.40	-12.83	1.75	290.10	-259.54	-1386.12	-195.74	-271.66	-462.59
40019	73.28	-12.68	1.75	311.98	-252.11	-1415.30	-223.71	-299.44	-462.36
40020	72.18	-12.51	1.75	335.24	-241.00	-1434.81	-252.68	-322.61	-459.57
40021	71.10	-12.30	1.75	361.39	-225.69	-1444.62	-282.75	-340.31	-454.57
40022	70.03	-12.06	1.75	392.38	-205.45	-1444.51	-314.42	-352.09	-447.57
40023	68.99	-11.80	1.75	430.66	-179.07	-1433.75	-348.84	-358.01	-438.59
40024	67.96	-11.51	1.75	479.35	-145.15	-1410.68	-388.65	-358.63	-426.93
40025	77.84	-14.73	1.75	166.44	-269.50	-1304.15	-119.91	-194.61	-483.58
40026	76.64	-14.66	1.75	183.81	-269.67	-1366.17	-141.34	-223.44	-493.41
40027	75.45	-14.55	1.75	200.46	-266.32	-1419.62	-163.99	-251.04	-499.85
40028	74.27	-14.39	1.75	216.70	-259.11	-1463.92	-187.44	-276.06	-502.98
40029	73.12	-14.19	1.75	233.11	-247.73	-1498.46	-211.35	-297.22	-502.96
40030	72.00	-13.94	1.75	250.49	-231.85	-1522.64	-235.55	-313.41	-500.00
40031	70.89	-13.65	1.75	269.88	-211.01	-1535.75	-260.08	-323.73	-494.34
40032	69.81	-13.32	1.75	292.48	-184.56	-1536.79	-285.35	-327.59	-486.11
40033	68.76	-12.95	1.75	319.58	-151.38	-1524.24	-312.32	-324.73	-475.24
40034	67.73	-12.54	1.75	352.32	-108.83	-1495.64	-342.82	-315.19	-461.43
40035	77.83	-16.37	1.75	113.80	-229.56	-1433.89	-108.88	-219.44	-504.71
40036	76.59	-16.30	1.75	127.17	-227.65	-1502.41	-124.78	-241.44	-514.23
40037	75.37	-16.16	1.75	140.45	-222.09	-1561.57	-141.40	-261.41	-519.96
40038	74.17	-15.96	1.75	153.82	-212.71	-1610.20	-158.41	-278.14	-522.00
40039	72.99	-15.70	1.75	167.55	-199.36	-1647.10	-175.55	-290.45	-520.50
40040	71.84	-15.39	1.75	182.03	-181.89	-1670.98	-192.74	-297.35	-515.76
40041	70.71	-15.02	1.75	197.68	-160.15	-1680.47	-210.06	-298.05	-508.09
40042	69.61	-14.59	1.75	214.97	-133.81	-1673.96	-227.89	-292.08	-497.85
40043	68.55	-14.11	1.75	234.35	-102.18	-1649.55	-246.86	-279.33	-485.35
40044	67.52	-13.57	1.75	255.86	-63.96	-1604.94	-267.86	-259.99	-470.83
40045	77.82	-18.02	1.75	70.58	-153.39	-1605.05	-82.76	-241.41	-463.74
40046	76.57	-17.94	1.75	82.04	-150.24	-1679.70	-92.15	-252.61	-470.12
40047	75.32	-17.78	1.75	93.82	-144.99	-1742.70	-102.43	-260.98	-473.67
40048	74.10	-17.54	1.75	105.77	-137.57	-1792.32	-113.49	-265.69	-474.65
40049	72.89	-17.23	1.75	117.77	-127.87	-1826.89	-125.28	-266.07	-473.44
40050	71.71	-16.85	1.75	129.71	-115.77	-1844.78	-137.80	-261.65	-470.49
40051	70.56	-16.40	1.75	141.44	-101.12	-1844.44	-151.11	-252.16	-466.34
40052	69.44	-15.87	1.75	152.89	-83.66	-1824.35	-165.39	-237.63	-461.49
40053	68.36	-15.28	1.75	164.17	-62.92	-1783.00	-180.91	-218.37	-456.38
40054	67.33	-14.62	1.75	176.14	-38.14	-1718.73	-197.96	-195.05	-451.34
40055	62.67	-9.51	1.75	1879.46	878.63	-517.17	-1258.66	-373.46	-212.59
40056	63.26	-10.51	1.75	403.52	386.99	-1011.53	-529.20	-80.02	-395.29
40057	63.90	-11.47	1.75	289.84	183.88	-1218.09	-339.04	-90.74	-428.91
40058	63.62	-9.44	1.75	1567.98	100.42	-844.23	-770.35	-519.25	-278.17
40059	64.03	-10.31	1.75	879.48	211.06	-1060.29	-693.16	-307.45	-323.51
40060	64.47	-11.15	1.75	455.68	153.89	-1242.61	-474.84	-201.87	-391.32
40061	64.57	-9.37	1.75	1322.22	-45.29	-1048.44	-612.15	-519.19	-314.13
40062	64.79	-10.11	1.75	959.16	21.53	-1150.07	-624.57	-399.48	-337.03
40063	65.04	-10.83	1.75	638.15	63.10	-1252.87	-544.07	-306.60	-376.45
40064	66.37	-13.92	1.75	187.66	-6.47	-1632.51	-217.61	-169.50	-446.27
40065	66.62	-13.02	1.75	278.87	-20.38	-1543.02	-292.24	-238.25	-455.55
40066	66.88	-12.14	1.75	386.80	-63.36	-1456.05	-373.57	-302.50	-446.53
40067	65.48	-13.16	1.75	201.41	31.44	-1523.58	-241.87	-142.94	-441.86
40068	65.83	-12.46	1.75	307.25	24.78	-1464.68	-324.68	-217.28	-440.06
40069	66.18	-11.78	1.75	429.32	-18.67	-1406.04	-407.44	-290.68	-430.52
40070	64.65	-12.36	1.75	216.74	83.96	-1388.91	-276.68	-113.45	-436.55
40071	65.08	-11.87	1.75	346.18	85.04	-1364.66	-372.44	-195.58	-421.40
40072	65.51	-11.39	1.75	481.87	26.86	-1341.62	-458.17	-277.51	-409.45
40073	67.19	-9.46	0.25	711.44	-219.64	-1209.46	-402.33	-527.14	-301.63
40074	66.19	-9.42	0.25	797.23	-211.52	-1145.01	-445.35	-557.83	-305.30
40075	65.19	-9.37	0.25	902.78	-198.59	-1054.82	-492.30	-592.00	-315.74
40076	66.98	-10.39	0.25	588.04	-212.73	-1251.99	-438.02	-474.36	-341.21
40077	66.11	-10.26	0.25	648.58	-194.80	-1205.50	-480.64	-490.25	-343.44
40078	65.25	-10.12	0.25	718.58	-167.79	-1142.63	-530.88	-505.00	-348.10
40079	66.79	-11.33	0.25	442.49	-200.67	-1326.46	-440.53	-417.07	-399.41
40080	66.06	-11.10	0.25	482.16	-177.24	-1292.63	-475.78	-421.27	-400.01
40081	65.33	-10.86	0.25	532.07	-136.69	-1246.23	-511.36	-422.89	-402.09
40082	77.90	-9.85	0.25	282.65	-207.03	-1156.73	-102.44	-173.08	-315.66
40083	76.81	-9.83	0.25	312.40	-210.78	-1206.56	-123.15	-214.16	-320.12
40084	75.72	-9.81	0.25	342.40	-214.38	-1247.75	-145.92	-256.08	-322.55
40085	74.63	-9.79	0.25	373.03	-217.72	-1279.61	-170.68	-297.57	-322.97
40086	73.55	-9.76	0.25	404.98	-220.68	-1301.72	-197.36	-337.46	-321.54
40087	72.48	-9.72	0.25	439.38	-223.10	-1313.89	-225.95	-374.83	-318.55
40088	71.40	-9.68	0.25	477.70	-224.82	-1315.97	-256.50	-409.14	-314.44
40089	70.34	-9.63	0.25	521.88	-225.63	-1307.68	-289.18	-440.43	-309.81
40090	69.27	-9.57	0.25	574.23	-225.23	-1288.23	-324.25	-469.48	-305.36
40091	68.22	-9.51	0.25	637.43	-223.06	-1255.89	-361.94	-497.95	-301.90
40092	77.87	-11.54	0.25	232.89	-243.84	-1147.57	-115.94	-182.41	-353.01
40093	76.72	-11.51	0.25	257.89	-247.18	-1200.32	-138.82	-219.90	-358.16
40094	75.58	-11.45	0.25	282.77	-249.69	-1244.81	-163.77	-257.62	-361.05
40095	74.45	-11.37	0.25	307.95	-251.16	-1280.41	-190.64	-294.28	-361.78

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
40096	73.33	-11.28	0.25	334.13	-251.42	-1306.79	-219.32	-328.79	-360.60
40097	72.23	-11.17	0.25	362.36	-250.26	-1323.76	-249.80	-360.31	-357.89
40098	71.14	-11.04	0.25	394.01	-247.41	-1331.12	-282.22	-388.39	-354.16
40099	70.06	-10.89	0.25	430.77	-242.52	-1328.45	-316.90	-413.10	-349.94
40100	68.99	-10.73	0.25	474.72	-235.16	-1314.84	-354.44	-435.07	-345.74
40101	67.94	-10.55	0.25	528.73	-224.67	-1288.41	-395.53	-455.73	-342.02
40102	77.85	-13.25	0.25	177.71	-284.70	-1166.91	-126.62	-195.46	-395.03
40103	76.64	-13.19	0.25	196.90	-287.79	-1223.38	-150.27	-228.70	-401.58
40104	75.46	-13.10	0.25	215.74	-289.19	-1272.17	-175.76	-261.61	-405.92
40105	74.29	-12.98	0.25	234.60	-288.62	-1312.64	-202.87	-292.97	-408.23
40106	73.14	-12.82	0.25	254.11	-285.84	-1344.40	-231.42	-321.73	-408.81
40107	72.01	-12.64	0.25	275.14	-280.54	-1367.12	-261.37	-347.09	-408.09
40108	70.89	-12.42	0.25	298.79	-272.32	-1380.42	-292.79	-368.55	-406.55
40109	69.80	-12.18	0.25	326.36	-260.61	-1383.70	-326.00	-385.98	-404.65
40110	68.73	-11.90	0.25	359.28	-244.48	-1375.89	-361.65	-399.59	-402.72
40111	67.68	-11.60	0.25	399.24	-222.93	-1355.23	-401.25	-409.72	-400.51
40112	77.83	-14.95	0.25	118.23	-325.96	-1229.83	-133.99	-215.52	-450.97
40113	76.58	-14.88	0.25	131.44	-329.08	-1291.58	-156.70	-244.56	-459.76
40114	75.36	-14.76	0.25	144.31	-329.56	-1346.40	-180.80	-272.79	-466.63
40115	74.16	-14.59	0.25	157.18	-327.07	-1393.49	-205.98	-299.05	-471.71
40116	72.97	-14.38	0.25	170.57	-321.29	-1432.29	-231.94	-322.33	-475.30
40117	71.81	-14.12	0.25	185.18	-311.85	-1462.19	-258.49	-341.77	-477.76
40118	70.68	-13.82	0.25	201.85	-298.24	-1482.49	-285.55	-356.70	-479.43
40119	69.57	-13.48	0.25	221.53	-279.75	-1492.23	-313.15	-366.62	-480.59
40120	68.49	-13.09	0.25	245.02	-255.24	-1490.04	-341.61	-371.15	-481.36
40121	67.44	-12.67	0.25	272.74	-222.45	-1473.62	-371.75	-369.82	-481.76
40122	77.81	-16.65	0.25	48.61	-354.94	-1410.47	-135.99	-251.13	-550.00
40123	76.54	-16.57	0.25	56.22	-358.00	-1483.06	-155.11	-277.34	-562.46
40124	75.28	-16.43	0.25	64.24	-357.18	-1548.61	-174.93	-302.05	-572.33
40125	74.05	-16.22	0.25	72.96	-352.15	-1605.96	-195.04	-324.05	-579.62
40126	72.83	-15.96	0.25	82.84	-342.60	-1653.91	-215.04	-342.18	-584.48
40127	71.65	-15.63	0.25	94.46	-328.18	-1691.13	-234.61	-355.32	-587.04
40128	70.49	-15.24	0.25	108.44	-308.47	-1716.03	-253.55	-362.42	-587.48
40129	69.36	-14.80	0.25	125.40	-282.95	-1726.72	-271.78	-362.56	-585.89
40130	68.27	-14.30	0.25	145.99	-250.62	-1720.71	-289.21	-354.83	-582.31
40131	67.22	-13.74	0.25	169.78	-210.20	-1695.23	-306.08	-338.78	-576.93
40132	77.80	-18.36	0.25	0.73	-203.92	-1725.91	-104.74	-292.94	-555.29
40133	76.51	-18.28	0.25	8.76	-200.88	-1813.12	-111.22	-308.75	-564.62
40134	75.23	-18.11	0.25	18.86	-195.07	-1889.40	-117.84	-321.19	-570.48
40135	73.97	-17.87	0.25	31.18	-186.49	-1952.74	-124.56	-329.13	-573.03
40136	72.73	-17.54	0.25	45.81	-175.00	-2001.00	-131.43	-331.50	-572.59
40137	71.51	-17.15	0.25	62.73	-160.43	-2031.96	-138.53	-327.35	-569.59
40138	70.33	-16.67	0.25	81.74	-142.61	-2043.30	-146.04	-315.95	-564.58
40139	69.18	-16.13	0.25	102.44	-121.24	-2032.60	-154.16	-296.83	-558.16
40140	68.07	-15.51	0.25	124.26	-96.01	-1997.38	-163.18	-269.88	-551.04
40141	67.01	-14.83	0.25	147.44	-65.28	-1935.03	-172.54	-235.11	-543.57
40142	62.26	-9.53	0.25	1442.73	600.85	-732.93	-983.13	-356.43	-371.52
40143	62.86	-10.56	0.25	311.51	253.86	-1194.38	-421.56	-99.73	-519.85
40144	63.51	-11.56	0.25	253.97	118.43	-1403.19	-274.04	-91.97	-540.03
40145	63.24	-9.45	0.25	1177.06	-70.00	-858.75	-658.92	-574.88	-377.93
40146	63.65	-10.35	0.25	667.68	39.28	-1116.35	-626.00	-379.43	-427.10
40147	64.10	-11.22	0.25	346.95	2.13	-1342.27	-454.16	-273.13	-505.50
40148	64.21	-9.38	0.25	1021.61	-162.85	-948.27	-553.30	-608.23	-340.32
40149	64.43	-10.15	0.25	752.58	-110.92	-1098.02	-585.89	-484.07	-372.04
40150	64.68	-10.90	0.25	500.67	-78.52	-1249.36	-529.38	-383.92	-432.66
40151	66.03	-14.10	0.25	168.80	-29.44	-1845.09	-183.64	-195.83	-536.93
40152	66.29	-13.17	0.25	194.99	-164.50	-1647.86	-323.59	-317.57	-568.37
40153	66.56	-12.26	0.25	301.26	-186.32	-1445.53	-399.49	-363.98	-480.26
40154	65.12	-13.31	0.25	186.86	6.89	-1727.19	-200.49	-156.43	-534.29
40155	65.48	-12.59	0.25	224.88	-117.31	-1577.87	-345.20	-293.36	-557.17
40156	65.85	-11.88	0.25	335.75	-149.42	-1406.03	-426.71	-357.78	-476.45
40157	64.27	-12.48	0.25	201.72	52.61	-1582.62	-223.98	-115.75	-534.00
40158	64.71	-11.97	0.25	262.11	-56.26	-1484.72	-375.57	-266.20	-542.29
40159	65.16	-11.48	0.25	376.55	-111.02	-1354.61	-463.99	-349.19	-470.01
40160	66.90	-9.48	-1.25	548.26	-235.21	-1116.05	-362.02	-549.45	-230.85
40161	65.88	-9.43	-1.25	595.77	-248.09	-1047.11	-398.69	-567.12	-242.91
40162	64.86	-9.39	-1.25	650.62	-265.11	-960.79	-439.11	-576.56	-271.17
40163	66.69	-10.44	-1.25	450.53	-255.45	-1166.53	-404.37	-486.85	-267.78
40164	65.80	-10.31	-1.25	485.52	-261.90	-1117.35	-442.64	-494.26	-280.11
40165	64.92	-10.16	-1.25	524.09	-269.72	-1057.93	-486.79	-494.54	-303.78
40166	66.49	-11.41	-1.25	333.29	-283.74	-1246.62	-426.38	-420.24	-329.46
40167	65.74	-11.18	-1.25	358.85	-283.97	-1211.76	-460.06	-421.10	-342.01
40168	64.99	-10.93	-1.25	390.10	-280.73	-1169.66	-495.55	-417.43	-364.57
40169	77.89	-9.88	-1.25	228.81	-173.92	-1073.74	-94.27	-197.12	-257.59
40170	76.77	-9.86	-1.25	253.08	-177.81	-1121.96	-112.94	-237.80	-259.04
40171	75.65	-9.84	-1.25	277.73	-182.04	-1162.57	-133.45	-279.28	-258.62
40172	74.54	-9.82	-1.25	303.02	-186.61	-1194.84	-155.73	-320.51	-256.38
40173	73.43	-9.78	-1.25	329.42	-191.53	-1218.07	-179.77	-360.53	-252.54
40174	72.32	-9.74	-1.25	357.56	-196.83	-1231.62	-205.56	-398.57	-247.40
40175	71.23	-9.70	-1.25	388.23	-202.60	-1234.74	-233.11	-434.12	-241.47
40176	70.13	-9.65	-1.25	422.25	-208.98	-1226.38	-262.53	-466.98	-235.44
40177	69.04	-9.59	-1.25	460.34	-216.22	-1204.99	-293.87	-497.27	-230.30
40178	67.96	-9.53	-1.25	502.97	-224.60	-1168.38	-327.13	-525.24	-227.50
40179	77.86	-11.64	-1.25	183.56	-219.29	-1071.22	-109.00	-199.90	-288.18
40180	76.67	-11.60	-1.25	203.59	-223.10	-1122.91	-129.96	-236.73	-290.11
40181	75.50	-11.54	-1.25	223.77	-226.77	-1167.17	-152.84	-273.71	-290.00
40182	74.34	-11.46	-1.25	244.39	-230.24	-1203.34	-177.55	-309.80	-288.01
40183	73.20	-11.36	-1.25	265.91	-233.49	-1230.78	-204.03	-344.08	-284.43
40184	72.07	-11.25	-1.25	289.00	-236.56	-1248.86	-232.29	-375.82	-279.69
40185	70.95	-11.11	-1.25	314.39	-239.51	-1256.83	-262.45	-404.57	-274.35
40186	69.84	-10.96	-1.25	342.91	-242.48	-1253.64	-294.69	-430.17	-269.14
40187	68.75	-10.79	-1.25	375.37	-245.71	-1237.82	-329.30	-452.67	-264.97
40188	67.67	-10.61	-1.25	412.76	-249.63	-1207.42	-366.55	-472.40	-263.22
40189	77.83	-13.40	-1.25	132.64	-276.15	-1091.84	-123.11	-206.19	-323.61
40190	76.59	-13.34	-1.25	147.31	-280.37	-1147.50	-145.42	-238.40	-326.81
40191	75.38	-13.25	-1.25	161.98	-283.85	-1196.17	-169.58	-270.16	-328.10
40192	74.18	-13.12	-1.25	176.88	-286.52	-1237.16	-195.46	-300.49	-327.77
40193	73.00	-12.96	-1.25	192.46	-288.33	-1269.79	-222.97	-328.48	-326.18
40194	71.83	-12.77	-1.25	209.31	-289.27	-1293.37	-252.13	-353.45	-323.87

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
40195	70.69	-12.54	-1.25	228.11	-289.35	-1307.10	-283.03	-374.90	-321.47
40196	69.57	-12.29	-1.25	249.57	-288.61	-1309.95	-315.90	-392.56	-319.80
40197	68.47	-12.01	-1.25	274.39	-287.09	-1300.56	-351.14	-406.22	-319.82
40198	67.40	-11.69	-1.25	303.38	-284.94	-1277.50	-389.49	-415.51	-322.42
40199	77.81	-15.17	-1.25	73.84	-351.79	-1156.21	-138.55	-220.32	-375.22
40200	76.53	-15.09	-1.25	82.42	-357.39	-1217.51	-161.42	-248.02	-380.79
40201	75.27	-14.97	-1.25	90.98	-361.72	-1272.13	-185.93	-274.79	-384.89
40202	74.04	-14.80	-1.25	99.79	-364.64	-1319.27	-211.90	-299.69	-387.89
40203	72.82	-14.58	-1.25	109.25	-366.07	-1358.14	-239.20	-321.88	-390.26
40204	71.63	-14.31	-1.25	119.90	-365.93	-1387.90	-267.76	-340.65	-392.60
40205	70.46	-14.00	-1.25	132.38	-364.17	-1407.68	-297.59	-355.44	-395.65
40206	69.33	-13.64	-1.25	147.43	-360.68	-1416.49	-328.79	-365.82	-400.37
40207	68.22	-13.24	-1.25	165.70	-355.29	-1413.12	-361.54	-371.31	-407.91
40208	67.15	-12.80	-1.25	187.73	-347.68	-1396.35	-396.24	-371.06	-419.91
40209	77.79	-16.93	-1.25	5.38	-466.60	-1260.67	-159.40	-249.31	-467.52
40210	76.48	-16.85	-1.25	7.12	-475.37	-1329.26	-183.10	-274.09	-477.38
40211	75.19	-16.70	-1.25	8.99	-481.98	-1392.23	-208.14	-297.64	-486.56
40212	73.92	-16.49	-1.25	11.33	-486.27	-1448.81	-234.19	-319.13	-495.49
40213	72.68	-16.21	-1.25	14.58	-488.05	-1498.10	-260.96	-337.74	-504.62
40214	71.46	-15.87	-1.25	19.37	-487.14	-1539.21	-288.23	-352.67	-514.56
40215	70.27	-15.47	-1.25	26.47	-483.42	-1571.21	-315.77	-363.18	-526.06
40216	69.11	-15.01	-1.25	36.86	-476.77	-1593.08	-343.43	-368.49	-540.04
40217	67.99	-14.49	-1.25	51.78	-466.98	-1603.81	-371.02	-367.90	-557.80
40218	66.91	-13.91	-1.25	72.25	-453.97	-1601.39	-398.56	-360.12	-580.85
40219	77.78	-18.70	-1.25	-149.52	-640.30	-1917.79	-200.69	-367.54	-825.34
40220	76.45	-18.62	-1.25	-159.80	-653.06	-2024.12	-220.66	-400.37	-848.70
40221	75.14	-18.44	-1.25	-167.83	-662.53	-2122.25	-240.73	-431.01	-869.21
40222	73.84	-18.19	-1.25	-172.89	-668.45	-2210.18	-260.58	-458.11	-886.90
40223	72.56	-17.85	-1.25	-174.07	-670.64	-2285.67	-280.00	-480.21	-902.04
40224	71.31	-17.44	-1.25	-170.33	-668.95	-2346.29	-298.86	-495.76	-915.08
40225	70.10	-16.95	-1.25	-160.52	-663.25	-2389.31	-317.14	-503.20	-926.64
40226	68.92	-16.39	-1.25	-143.41	-653.42	-2411.74	-334.98	-500.96	-937.55
40227	67.79	-15.75	-1.25	-117.71	-639.35	-2410.42	-352.73	-487.61	-948.90
40228	66.70	-15.04	-1.25	-81.43	-620.30	-2382.20	-370.59	-462.38	-962.84
40229	61.85	-9.55	-1.25	978.43	-104.84	-1094.07	-872.52	-396.31	-763.47
40230	62.46	-10.62	-1.25	277.45	-318.59	-1553.84	-575.17	-206.09	-931.96
40231	63.12	-11.65	-1.25	191.98	-446.69	-1834.92	-484.75	-242.58	-985.34
40232	62.85	-9.47	-1.25	804.59	-297.26	-849.82	-614.72	-521.71	-451.95
40233	63.27	-10.40	-1.25	473.92	-261.97	-1108.74	-614.57	-362.37	-513.63
40234	63.73	-11.30	-1.25	260.52	-327.69	-1347.08	-527.11	-292.58	-615.75
40235	63.85	-9.40	-1.25	711.25	-286.57	-882.41	-498.34	-561.21	-332.55
40236	64.08	-10.19	-1.25	537.17	-276.25	-1033.94	-545.77	-459.67	-365.93
40237	64.33	-10.96	-1.25	364.15	-288.11	-1191.43	-528.98	-376.97	-438.14
40238	65.69	-14.28	-1.25	-33.01	-594.06	-2313.69	-389.21	-424.53	-974.49
40239	65.96	-13.32	-1.25	98.60	-436.01	-1579.57	-424.35	-344.65	-601.84
40240	66.25	-12.37	-1.25	211.35	-338.51	-1369.96	-427.78	-365.75	-433.02
40241	64.76	-13.47	-1.25	25.62	-561.80	-2202.46	-410.78	-371.66	-985.03
40242	65.14	-12.72	-1.25	133.68	-413.29	-1538.26	-450.06	-325.22	-621.62
40243	65.52	-11.98	-1.25	239.57	-327.67	-1334.65	-457.07	-360.34	-447.06
40244	63.89	-12.60	-1.25	92.84	-522.04	-2056.81	-438.88	-308.26	-1000.54
40245	64.35	-12.08	-1.25	179.86	-384.58	-1482.81	-480.31	-301.16	-647.00
40246	64.81	-11.56	-1.25	273.67	-317.02	-1292.35	-492.11	-351.40	-466.31
40247	67.48	9.45	1.75	786.73	-224.66	-1625.78	423.51	-536.08	402.73
40248	66.50	9.41	1.75	908.36	-198.42	-1571.79	472.08	-553.69	395.90
40249	65.53	9.37	1.75	1075.10	-161.71	-1494.56	531.37	-580.42	384.60
40250	67.30	10.36	1.75	648.92	-201.54	-1691.38	450.46	-500.79	447.37
40251	66.45	10.23	1.75	734.79	-164.71	-1645.37	496.96	-506.08	434.95
40252	65.60	10.09	1.75	844.07	-113.15	-1580.99	557.52	-512.60	416.05
40253	67.13	11.27	1.75	492.02	-165.90	-1784.83	438.95	-458.92	495.85
40254	66.40	11.05	1.75	547.52	-126.70	-1740.87	477.33	-454.10	478.86
40255	65.69	10.81	1.75	621.49	-65.01	-1680.09	519.95	-447.22	457.15
40256	77.92	9.82	1.75	332.17	-255.95	-1648.13	101.78	-147.41	411.81
40257	76.86	9.81	1.75	364.35	-259.28	-1696.57	125.19	-203.65	419.24
40258	75.80	9.79	1.75	395.04	-262.32	-1732.66	150.74	-259.95	424.43
40259	74.75	9.77	1.75	424.75	-264.78	-1755.98	178.26	-314.23	427.30
40260	73.69	9.74	1.75	454.55	-266.29	-1766.79	207.56	-364.56	427.90
40261	72.64	9.70	1.75	486.14	-266.46	-1765.90	238.49	-409.24	426.45
40262	71.60	9.66	1.75	521.95	-264.77	-1754.50	271.00	-447.10	423.31
40263	70.56	9.62	1.75	565.20	-260.59	-1733.92	305.22	-477.66	418.96
40264	69.52	9.56	1.75	620.23	-253.12	-1705.31	341.53	-501.36	413.85
40265	68.48	9.50	1.75	692.73	-241.14	-1669.00	380.61	-519.91	408.17
40266	77.89	11.46	1.75	275.60	-299.48	-1682.73	113.42	-163.15	489.45
40267	76.79	11.43	1.75	302.39	-301.70	-1732.59	139.51	-217.16	496.67
40268	75.69	11.38	1.75	327.40	-302.48	-1770.66	167.53	-270.45	500.73
40269	74.59	11.31	1.75	351.16	-301.46	-1796.53	197.14	-320.94	501.60
40270	73.51	11.22	1.75	374.80	-298.26	-1810.54	228.05	-366.76	499.51
40271	72.43	11.12	1.75	400.01	-292.43	-1813.47	260.11	-406.39	494.84
40272	71.37	10.99	1.75	429.03	-283.42	-1806.28	293.34	-438.80	488.08
40273	70.31	10.85	1.75	464.81	-270.52	-1789.91	328.11	-463.61	479.69
40274	69.27	10.69	1.75	511.13	-252.82	-1764.86	365.32	-481.24	469.90
40275	68.24	10.52	1.75	573.47	-229.02	-1730.61	406.49	-493.13	458.51
40276	77.87	13.10	1.75	212.81	-338.26	-1750.42	120.43	-181.17	565.91
40277	76.72	13.05	1.75	233.84	-339.09	-1802.92	147.19	-231.86	573.25
40278	75.58	12.97	1.75	252.99	-337.10	-1844.43	175.44	-281.15	576.73
40279	74.45	12.86	1.75	270.80	-331.91	-1874.41	204.69	-327.06	576.37
40280	73.34	12.72	1.75	288.29	-323.14	-1893.04	234.55	-367.82	572.49
40281	72.24	12.54	1.75	306.94	-310.37	-1900.71	264.79	-401.97	565.53
40282	71.15	12.33	1.75	328.62	-293.04	-1897.89	295.46	-428.52	555.94
40283	70.08	12.10	1.75	355.64	-270.39	-1884.82	327.03	-446.96	544.08
40284	69.03	11.83	1.75	390.78	-241.16	-1861.16	360.61	-457.36	530.00
40285	68.00	11.54	1.75	437.41	-203.95	-1825.56	398.86	-460.33	512.95
40286	77.85	14.74	1.75	145.49	-357.38	-1881.92	120.85	-202.95	645.92
40287	76.67	14.68	1.75	161.26	-356.61	-1939.15	145.52	-249.56	653.55
40288	75.49	14.57	1.75	175.52	-351.65	-1985.65	171.09	-294.11	656.52
40289	74.33	14.42	1.75	188.72	-342.18	-2020.66	196.94	-334.74	654.85
40290	73.18	14.22	1.75	201.72	-327.93	-2043.82	222.59	-369.72	648.84
40291	72.05	13.97	1.75	215.67	-308.63	-2054.87	247.76	-397.60	638.88
40292	70.94	13.68	1.75	231.97	-283.89	-2053.44	272.43	-417.29	625.36
40293	69.86	13.35	1.75	252.16	-253.10	-2038.84	297.01	-428.04	608.57



Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
40294	68.80	12.98	1.75	277.81	-215.25	-2009.75	322.50	-429.55	588.54
40295	67.77	12.56	1.75	310.30	-167.68	-1963.83	350.82	-421.90	565.09
40296	77.84	16.38	1.75	82.31	-312.25	-2100.01	109.59	-227.79	702.53
40297	76.62	16.31	1.75	94.70	-309.18	-2163.67	127.98	-267.91	709.22
40298	75.41	16.17	1.75	106.54	-301.59	-2214.92	146.78	-305.14	710.09
40299	74.21	15.98	1.75	118.14	-289.37	-2252.60	165.46	-337.71	705.28
40300	73.04	15.73	1.75	130.01	-272.48	-2275.69	183.63	-363.99	695.16
40301	71.88	15.41	1.75	142.79	-250.93	-2283.13	201.11	-382.60	680.25
40302	70.75	15.04	1.75	157.18	-224.71	-2273.79	218.00	-392.50	661.16
40303	69.65	14.61	1.75	173.89	-193.68	-2246.26	234.73	-393.06	638.50
40304	68.58	14.13	1.75	193.52	-157.27	-2198.80	252.06	-384.12	612.87
40305	67.55	13.59	1.75	216.20	-114.29	-2129.19	271.04	-365.96	584.73
40306	77.82	18.02	1.75	30.54	-217.52	-2364.91	83.10	-248.84	671.03
40307	76.57	17.94	1.75	41.64	-213.56	-2434.25	93.95	-276.76	674.49
40308	75.34	17.78	1.75	52.82	-206.91	-2487.63	105.45	-301.00	672.76
40309	74.11	17.55	1.75	64.06	-197.51	-2523.55	117.40	-320.33	666.22
40310	72.91	17.24	1.75	75.37	-185.37	-2540.51	129.66	-333.66	655.51
40311	71.73	16.86	1.75	86.76	-170.51	-2537.11	142.22	-340.19	641.39
40312	70.57	16.40	1.75	98.27	-152.94	-2512.06	155.16	-339.45	624.76
40313	69.45	15.88	1.75	109.90	-132.53	-2464.12	168.72	-331.35	606.49
40314	68.37	15.29	1.75	121.83	-108.93	-2392.05	183.28	-316.21	587.40
40315	67.34	14.63	1.75	134.88	-81.44	-2294.48	199.26	-294.83	568.11
40316	62.67	9.51	1.75	1838.48	845.53	-838.31	1247.79	-465.82	238.00
40317	63.26	10.51	1.75	371.03	353.59	-1389.66	523.59	-169.89	441.22
40318	63.91	11.47	1.75	255.75	149.10	-1642.51	336.06	-183.97	490.68
40319	63.62	9.44	1.75	1533.73	64.66	-1173.93	769.01	-610.74	321.33
40320	64.03	10.31	1.75	843.89	173.08	-1432.73	689.26	-400.72	378.32
40321	64.48	11.15	1.75	422.86	115.02	-1654.64	471.69	-297.86	457.35
40322	64.57	9.37	1.75	1285.90	-87.00	-1375.58	616.30	-610.18	364.49
40323	64.80	10.12	1.75	919.77	-21.62	-1511.61	626.45	-494.82	396.95
40324	65.05	10.84	1.75	599.65	18.51	-1648.82	544.47	-405.53	445.56
40325	66.37	13.92	1.75	147.83	-47.32	-2173.18	217.89	-269.32	549.25
40326	66.64	13.04	1.75	241.04	-66.59	-2041.62	293.41	-343.27	556.64
40327	66.91	12.16	1.75	345.55	-117.68	-1908.09	379.25	-408.89	541.37
40328	65.49	13.17	1.75	163.34	-7.16	-2027.78	241.27	-241.46	531.37
40329	65.85	12.48	1.75	271.35	-18.19	-1937.30	324.17	-320.01	529.36
40330	66.21	11.79	1.75	389.37	-69.17	-1843.02	410.84	-395.56	517.37
40331	64.65	12.36	1.75	180.72	47.62	-1854.83	275.06	-209.60	512.56
40332	65.09	11.88	1.75	312.28	44.99	-1809.84	370.37	-294.93	498.79
40333	65.52	11.40	1.75	443.55	-19.93	-1762.83	459.28	-379.76	487.76
40334	67.19	9.46	0.25	675.04	-281.07	-1502.56	419.45	-611.83	340.18
40335	66.19	9.42	0.25	758.97	-274.42	-1438.05	463.24	-646.34	348.19
40336	65.19	9.37	0.25	864.00	-262.37	-1350.30	510.29	-685.16	363.30
40337	66.98	10.39	0.25	545.59	-283.18	-1581.22	458.00	-568.04	398.28
40338	66.11	10.26	0.25	604.85	-264.88	-1533.31	500.66	-587.43	402.60
40339	65.25	10.12	0.25	674.66	-236.82	-1470.95	550.27	-605.73	409.36
40340	66.79	11.33	0.25	393.32	-279.65	-1698.42	462.23	-520.46	477.96
40341	66.06	11.10	0.25	432.66	-253.95	-1660.49	496.69	-527.32	477.65
40342	65.33	10.86	0.25	483.24	-210.24	-1611.01	530.83	-531.16	478.77
40343	77.90	9.85	0.25	279.56	-254.44	-1506.14	102.59	-179.02	338.70
40344	76.81	9.83	0.25	308.28	-258.45	-1553.66	125.36	-232.64	343.11
40345	75.72	9.81	0.25	336.23	-262.73	-1590.63	150.13	-286.39	345.77
40346	74.63	9.79	0.25	363.89	-267.12	-1616.73	176.83	-338.75	346.73
40347	73.55	9.76	0.25	392.17	-271.44	-1631.94	205.39	-388.35	346.14
40348	72.48	9.72	0.25	422.40	-275.48	-1636.51	235.79	-434.12	344.34
40349	71.40	9.68	0.25	456.33	-278.99	-1630.84	268.07	-475.50	341.81
40350	70.34	9.63	0.25	496.12	-281.69	-1615.16	302.38	-512.61	339.18
40351	69.27	9.57	0.25	544.34	-283.21	-1589.22	338.97	-546.43	337.24
40352	68.22	9.51	0.25	603.92	-282.88	-1551.78	378.00	-578.93	336.80
40353	77.87	11.54	0.25	222.90	-312.29	-1548.03	116.61	-189.07	412.84
40354	76.72	11.51	0.25	246.75	-315.47	-1597.73	142.84	-240.85	417.16
40355	75.58	11.45	0.25	269.43	-318.02	-1636.93	170.53	-291.91	419.10
40356	74.45	11.37	0.25	291.47	-319.72	-1665.54	200.11	-340.74	418.85
40357	73.33	11.28	0.25	313.82	-320.34	-1683.63	231.23	-386.02	416.73
40358	72.23	11.17	0.25	337.80	-319.61	-1691.50	263.87	-426.80	413.25
40359	71.14	11.04	0.25	365.06	-317.22	-1689.49	298.15	-462.64	409.00
40360	70.06	10.89	0.25	397.58	-312.75	-1677.69	334.38	-493.70	404.62
40361	68.99	10.73	0.25	437.68	-305.68	-1655.70	373.14	-520.84	400.68
40362	67.94	10.55	0.25	488.52	-295.26	-1622.06	415.09	-545.76	397.67
40363	77.85	13.25	0.25	157.64	-377.41	-1622.63	127.81	-202.69	495.66
40364	76.64	13.19	0.25	175.68	-379.93	-1675.61	155.61	-251.77	500.80
40365	75.46	13.10	0.25	192.34	-380.58	-1718.54	184.90	-299.45	503.19
40366	74.29	12.98	0.25	208.11	-379.14	-1751.32	215.40	-344.30	503.15
40367	73.14	12.82	0.25	223.89	-375.35	-1773.95	246.89	-385.06	501.13
40368	72.01	12.64	0.25	240.85	-368.88	-1786.55	279.25	-420.79	497.71
40369	70.89	12.42	0.25	260.41	-359.31	-1789.24	312.56	-451.00	493.51
40370	69.80	12.18	0.25	284.16	-346.01	-1781.90	347.10	-475.63	489.11
40371	68.73	11.90	0.25	313.83	-327.99	-1763.91	383.52	-495.05	484.92
40372	67.68	11.60	0.25	351.38	-304.18	-1733.90	423.32	-509.77	480.61
40373	77.83	14.95	0.25	84.50	-444.22	-1750.78	135.60	-223.32	599.46
40374	76.58	14.88	0.25	96.71	-446.30	-1808.78	163.21	-269.70	606.31
40375	75.36	14.76	0.25	107.62	-445.11	-1857.49	191.74	-314.21	610.28
40376	74.16	14.59	0.25	117.73	-440.39	-1896.61	220.79	-355.46	611.69
40377	72.97	14.38	0.25	127.81	-431.88	-1925.85	249.97	-392.21	610.97
40378	71.81	14.12	0.25	138.90	-419.24	-1945.02	278.99	-423.44	608.64
40379	70.68	13.82	0.25	152.18	-401.97	-1953.81	307.72	-448.40	605.19
40380	69.57	13.48	0.25	168.94	-379.34	-1951.67	336.17	-466.58	600.98
40381	68.49	13.09	0.25	190.27	-350.17	-1937.56	364.62	-477.66	596.18
40382	67.44	12.67	0.25	216.89	-312.14	-1909.35	393.94	-481.19	590.78
40383	77.81	16.65	0.25	-5.59	-494.84	-2037.01	137.74	-259.88	765.30
40384	76.54	16.57	0.25	1.34	-496.59	-2105.48	161.70	-305.44	775.25
40385	75.28	16.43	0.25	7.98	-493.10	-2164.52	185.89	-348.53	780.82
40386	74.05	16.22	0.25	14.83	-484.23	-2213.18	209.67	-387.57	782.22
40387	72.83	15.96	0.25	22.61	-469.76	-2250.45	232.49	-421.05	779.68
40388	71.65	15.63	0.25	32.21	-449.47	-2275.19	253.90	-447.57	773.55
40389	70.49	15.24	0.25	44.62	-423.09	-2286.06	273.64	-465.89	764.11
40390	69.36	14.80	0.25	60.81	-390.19	-2281.29	291.60	-474.87	751.62
40391	68.27	14.30	0.25	81.79	-349.86	-2258.47	307.68	-473.48	736.15
40392	67.22	13.74	0.25	107.32	-300.82	-2214.83	322.24	-461.22	717.97

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
40393	77.80	18.36	0.25	-67.28	-289.94	-2503.98	104.64	-300.95	796.40
40394	76.51	18.28	0.25	-59.01	-285.95	-2586.16	111.87	-335.02	802.78
40395	75.23	18.11	0.25	-48.57	-278.09	-2653.61	118.94	-364.84	802.93
40396	73.97	17.87	0.25	-35.67	-266.53	-2704.40	125.68	-388.76	797.19
40397	72.73	17.54	0.25	-20.05	-251.28	-2736.52	132.07	-405.29	786.12
40398	71.51	17.15	0.25	-1.57	-232.39	-2747.88	138.17	-413.12	770.44
40399	70.33	16.67	0.25	19.76	-209.82	-2736.26	144.16	-411.21	751.03
40400	69.18	16.13	0.25	43.65	-183.46	-2699.38	150.34	-398.90	728.84
40401	68.07	15.51	0.25	69.62	-153.15	-2634.83	157.12	-375.95	704.92
40402	67.01	14.83	0.25	98.04	-117.07	-2540.02	163.94	-342.22	679.84
40403	62.26	9.53	0.25	1419.46	561.75	-1060.19	977.17	-446.18	411.95
40404	62.86	10.56	0.25	285.75	214.19	-1584.67	412.15	-189.87	577.77
40405	63.51	11.56	0.25	225.58	79.03	-1847.21	261.77	-185.96	611.94
40406	63.24	9.45	0.25	1142.72	-129.74	-1178.91	670.23	-679.37	434.06
40407	63.65	10.35	0.25	625.94	-22.48	-1486.32	636.39	-489.54	498.42
40408	64.10	11.22	0.25	300.79	-61.31	-1760.14	461.95	-387.96	591.96
40409	64.21	9.38	0.25	983.71	-226.54	-1251.90	569.90	-707.73	393.34
40410	64.43	10.15	0.25	708.98	-178.20	-1438.43	603.14	-590.39	438.21
40411	64.68	10.90	0.25	452.31	-148.87	-1629.09	545.73	-496.24	513.22
40412	66.03	14.10	0.25	125.25	-76.41	-2414.75	172.76	-301.47	655.95
40413	66.29	13.17	0.25	135.40	-247.11	-2147.62	337.08	-441.16	696.58
40414	66.56	12.26	0.25	245.60	-270.97	-1870.49	420.28	-478.12	583.73
40415	65.12	13.31	0.25	148.86	-36.48	-2258.75	188.33	-259.18	636.76
40416	65.48	12.59	0.25	169.29	-192.71	-2055.93	356.00	-415.60	672.43
40417	65.85	11.88	0.25	281.41	-229.28	-1821.11	445.70	-473.19	574.32
40418	64.27	12.48	0.25	169.35	12.65	-2073.10	210.72	-213.85	620.05
40419	64.71	11.97	0.25	211.67	-124.08	-1938.89	383.46	-384.95	643.74
40420	65.16	11.48	0.25	324.61	-185.77	-1759.74	480.69	-464.57	561.36
40421	66.90	9.48	-1.25	511.52	-304.26	-1378.24	384.97	-624.44	251.57
40422	65.88	9.43	-1.25	555.46	-321.41	-1308.21	424.63	-646.61	268.60
40423	64.86	9.39	-1.25	606.60	-343.42	-1222.31	468.47	-661.83	303.04
40424	66.69	10.44	-1.25	404.04	-337.78	-1461.02	432.76	-570.23	306.24
40425	65.80	10.31	-1.25	435.30	-347.12	-1409.49	473.80	-581.95	321.94
40426	64.92	10.16	-1.25	470.09	-358.27	-1349.12	520.91	-587.17	350.01
40427	66.49	11.41	-1.25	274.32	-382.39	-1578.73	460.73	-513.13	389.44
40428	65.74	11.18	-1.25	296.58	-383.41	-1539.46	496.49	-517.94	403.06
40429	64.99	10.93	-1.25	324.47	-381.33	-1493.91	534.21	-518.72	428.03
40430	77.89	9.88	-1.25	222.78	-223.51	-1379.36	94.80	-202.39	261.35
40431	76.77	9.86	-1.25	246.33	-227.64	-1425.99	115.62	-253.59	262.91
40432	75.65	9.84	-1.25	269.33	-232.57	-1463.57	138.22	-305.06	262.85
40433	74.54	9.82	-1.25	292.18	-238.27	-1491.59	162.60	-355.52	261.28
40434	73.43	9.78	-1.25	315.50	-244.70	-1509.68	188.74	-403.86	258.41
40435	72.32	9.74	-1.25	340.10	-251.86	-1517.55	216.64	-449.20	254.60
40436	71.23	9.70	-1.25	366.94	-259.79	-1514.81	246.36	-491.01	250.37
40437	70.13	9.65	-1.25	397.00	-268.64	-1500.80	278.00	-529.20	246.47
40438	69.04	9.59	-1.25	431.15	-278.67	-1474.29	311.67	-564.06	243.96
40439	67.96	9.53	-1.25	469.96	-290.16	-1433.38	347.42	-596.15	244.33
40440	77.86	11.64	-1.25	170.02	-290.83	-1425.81	109.97	-205.75	324.70
40441	76.67	11.60	-1.25	189.30	-294.45	-1474.97	134.17	-254.70	326.01
40442	75.50	11.54	-1.25	207.65	-298.29	-1515.10	160.15	-303.10	325.27
40443	74.34	11.46	-1.25	225.58	-302.23	-1545.71	187.80	-349.65	322.69
40444	73.20	11.36	-1.25	243.74	-306.25	-1566.53	217.08	-393.25	318.63
40445	72.07	11.25	-1.25	262.98	-310.32	-1577.27	248.01	-433.10	313.58
40446	70.95	11.11	-1.25	284.26	-314.51	-1577.55	280.74	-468.76	308.21
40447	69.84	10.96	-1.25	308.56	-318.95	-1566.70	315.48	-500.17	303.33
40448	68.75	10.79	-1.25	336.83	-323.87	-1543.58	352.59	-527.60	299.93
40449	67.67	10.61	-1.25	370.18	-329.72	-1506.50	392.39	-551.70	299.51
40450	77.83	13.40	-1.25	108.14	-375.81	-1497.96	124.60	-212.53	396.92
40451	76.59	13.34	-1.25	122.05	-379.38	-1550.53	151.39	-258.27	398.98
40452	75.38	13.25	-1.25	134.80	-382.38	-1594.35	179.73	-302.79	398.80
40453	74.18	13.12	-1.25	146.85	-384.67	-1628.91	209.52	-344.79	396.69
40454	73.00	12.96	-1.25	158.87	-386.21	-1653.87	240.64	-383.22	393.19
40455	71.83	12.77	-1.25	171.65	-386.99	-1668.85	273.13	-417.32	388.94
40456	70.69	12.54	-1.25	186.08	-387.03	-1673.42	307.10	-446.60	384.75
40457	69.57	12.29	-1.25	203.05	-386.36	-1666.88	342.81	-470.90	381.55
40458	68.47	12.01	-1.25	223.43	-385.03	-1648.21	380.75	-490.19	380.46
40459	67.40	11.69	-1.25	248.14	-383.18	-1616.28	421.66	-504.35	382.39
40460	77.81	15.17	-1.25	32.98	-488.78	-1624.48	140.61	-227.21	492.95
40461	76.53	15.09	-1.25	40.77	-493.38	-1682.44	169.38	-269.86	496.95
40462	75.27	14.97	-1.25	47.37	-496.53	-1731.76	199.36	-310.82	498.82
40463	74.04	14.80	-1.25	53.25	-498.07	-1771.80	230.41	-348.84	498.98
40464	72.82	14.58	-1.25	59.02	-497.93	-1802.04	262.34	-382.92	498.08
40465	71.63	14.31	-1.25	65.46	-496.07	-1821.97	295.08	-412.23	496.91
40466	70.46	14.00	-1.25	73.41	-492.47	-1831.06	328.64	-436.25	496.40
40467	69.33	13.64	-1.25	83.82	-487.03	-1828.66	363.11	-454.61	497.68
40468	68.22	13.24	-1.25	97.51	-479.60	-1813.92	398.73	-466.98	502.10
40469	67.15	12.80	-1.25	115.14	-469.90	-1785.95	435.92	-472.71	511.45
40470	77.79	16.93	-1.25	-58.77	-659.07	-1798.21	162.34	-256.85	646.55
40471	76.48	16.85	-1.25	-57.78	-666.00	-1863.06	193.81	-298.56	654.21
40472	75.19	16.70	-1.25	-57.86	-670.07	-1920.69	226.10	-338.33	660.42
40473	73.92	16.49	-1.25	-58.54	-671.16	-1970.36	258.83	-375.10	665.56
40474	72.68	16.21	-1.25	-59.14	-669.13	-2011.40	291.62	-407.86	670.26
40475	71.46	15.87	-1.25	-58.80	-663.87	-2043.18	324.14	-435.71	675.26
40476	70.27	15.47	-1.25	-56.45	-655.29	-2065.08	356.12	-457.85	681.48
40477	69.11	15.01	-1.25	-50.87	-643.32	-2076.42	387.36	-473.52	689.96
40478	67.99	14.49	-1.25	-40.51	-627.78	-2076.54	417.62	-482.09	702.20
40479	66.91	13.91	-1.25	-24.12	-608.63	-2063.57	446.91	-482.33	719.73
40480	77.78	18.70	-1.25	-278.08	-916.60	-2749.60	204.33	-378.92	1178.51
40481	76.45	18.62	-1.25	-288.77	-927.49	-2851.37	232.96	-436.61	1198.71
40482	75.14	18.44	-1.25	-298.08	-933.08	-2942.34	261.14	-491.34	1213.45
40483	73.84	18.19	-1.25	-305.06	-933.33	-3020.45	288.36	-541.30	1222.84
40484	72.56	17.85	-1.25	-308.53	-928.18	-3083.53	314.21	-584.64	1227.34
40485	71.31	17.44	-1.25	-307.16	-917.65	-3129.21	338.40	-619.45	1227.62
40486	70.10	16.95	-1.25	-299.47	-901.84	-3154.84	360.79	-643.89	1224.55
40487	68.92	16.39	-1.25	-283.92	-880.80	-3157.49	381.44	-656.14	1219.23
40488	67.79	15.75	-1.25	-258.89	-854.67	-3134.06	400.74	-654.59	1213.02
40489	66.70	15.04	-1.25	-221.95	-822.73	-3081.48	418.82	-638.42	1208.48
40490	61.85	9.55	-1.25	913.97	-211.01	-1459.18	913.92	-528.81	857.71
40491	62.46	10.62	-1.25	179.32	-442.45	-2012.69	615.15	-361.38	1057.47

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
40492	63.12	11.65	-1.25	77.94	-589.99	-2369.78	525.93	-414.11	1140.32
40493	62.85	9.47	-1.25	748.64	-392.07	-1135.38	654.65	-630.21	509.76
40494	63.27	10.40	-1.25	398.09	-367.62	-1444.47	658.17	-480.17	591.76
40495	63.73	11.30	-1.25	169.42	-448.49	-1736.28	572.75	-421.81	717.31
40496	63.85	9.40	-1.25	661.90	-372.13	-1149.85	532.27	-655.57	374.34
40497	64.08	10.19	-1.25	475.48	-371.44	-1335.79	584.38	-561.71	422.69
40498	64.33	10.96	-1.25	290.17	-395.10	-1531.11	571.04	-487.10	512.95
40499	65.69	14.28	-1.25	-170.68	-782.89	-2983.18	436.56	-606.19	1200.45
40500	65.96	13.32	-1.25	-0.35	-584.13	-2029.79	473.42	-472.53	734.49
40501	66.25	12.37	-1.25	135.37	-458.68	-1749.61	469.28	-471.95	522.38
40502	64.76	13.47	-1.25	-107.05	-736.58	-2836.27	456.49	-554.47	1189.54
40503	65.14	12.72	-1.25	34.26	-554.17	-1975.22	498.77	-456.79	747.02
40504	65.52	11.98	-1.25	161.44	-445.40	-1705.58	499.68	-470.22	534.23
40505	63.89	12.60	-1.25	-33.02	-682.46	-2650.68	482.28	-488.80	1183.21
40506	64.35	12.08	-1.25	81.48	-517.88	-1906.33	527.90	-435.29	765.15
40507	64.81	11.56	-1.25	194.07	-432.00	-1655.41	535.30	-464.59	551.23
40508	89.42	-9.45	1.75	46.46	-170.52	-424.45	-7.21	29.99	-219.07
40509	90.40	-9.41	1.75	35.92	-165.50	-359.55	-8.45	18.56	-207.78
40510	91.37	-9.37	1.75	27.39	-159.75	-297.69	-10.67	4.27	-197.52
40511	89.60	-10.36	1.75	39.75	-174.24	-425.41	-11.11	9.09	-234.97
40512	90.45	-10.23	1.75	31.81	-167.78	-369.48	-12.21	0.79	-223.15
40513	91.30	-10.09	1.75	25.00	-160.99	-315.60	-13.84	-9.50	-211.75
40514	89.77	-11.27	1.75	32.62	-174.74	-435.40	-16.18	-13.29	-250.82
40515	90.50	-11.05	1.75	27.15	-167.83	-386.32	-16.84	-18.07	-238.33
40516	91.21	-10.81	1.75	22.29	-160.52	-338.52	-18.03	-24.13	-225.99
40517	78.98	-9.82	1.75	295.18	-214.74	-1187.03	-82.55	-101.23	-360.32
40518	80.04	-9.81	1.75	262.00	-210.73	-1119.28	-65.61	-65.48	-348.59
40519	81.10	-9.79	1.75	229.53	-206.53	-1045.92	-51.08	-34.28	-335.44
40520	82.15	-9.77	1.75	198.27	-202.23	-968.47	-38.89	-8.20	-321.23
40521	83.21	-9.74	1.75	168.75	-197.89	-888.51	-28.93	12.44	-306.31
40522	84.26	-9.70	1.75	141.42	-193.51	-807.46	-21.03	27.61	-291.01
40523	85.30	-9.66	1.75	116.64	-189.10	-726.58	-15.05	37.44	-275.64
40524	86.34	-9.62	1.75	94.67	-184.64	-646.93	-10.82	42.20	-260.48
40525	87.38	-9.56	1.75	75.64	-180.08	-569.34	-8.19	42.25	-245.78
40526	88.42	-9.50	1.75	59.56	-175.32	-494.42	-7.02	38.02	-231.76
40527	79.01	-11.46	1.75	249.46	-239.57	-1168.13	-91.96	-119.22	-397.90
40528	80.11	-11.43	1.75	221.40	-234.60	-1099.78	-73.49	-85.93	-384.49
40529	81.21	-11.38	1.75	193.79	-228.93	-1026.68	-57.69	-56.71	-369.39
40530	82.31	-11.31	1.75	167.14	-222.75	-950.17	-44.51	-32.15	-352.98
40531	83.39	-11.22	1.75	141.98	-216.20	-871.72	-33.83	-12.55	-335.72
40532	84.47	-11.12	1.75	118.75	-209.40	-792.65	-25.46	2.04	-318.02
40533	85.53	-10.99	1.75	97.80	-202.43	-714.08	-19.21	11.77	-300.24
40534	86.59	-10.85	1.75	79.34	-195.33	-636.93	-14.86	16.94	-282.68
40535	87.63	-10.69	1.75	63.45	-188.16	-561.88	-12.16	17.91	-265.58
40536	88.66	-10.52	1.75	50.17	-180.94	-489.38	-10.96	15.13	-249.13
40537	79.03	-13.10	1.75	200.39	-260.06	-1177.28	-98.38	-140.50	-433.37
40538	80.18	-13.05	1.75	177.94	-254.42	-1107.03	-79.69	-110.21	-418.62
40539	81.32	-12.97	1.75	155.71	-247.44	-1032.84	-63.65	-83.30	-401.99
40540	82.45	-12.86	1.75	134.17	-239.41	-955.87	-50.26	-60.36	-383.88
40541	83.56	-12.72	1.75	113.82	-230.64	-877.41	-39.43	-41.71	-364.75
40542	84.66	-12.54	1.75	95.07	-221.37	-798.60	-30.99	-27.44	-345.04
40543	85.75	-12.33	1.75	78.25	-211.78	-720.40	-24.73	-17.42	-325.13
40544	86.82	-12.10	1.75	63.51	-202.05	-643.58	-20.39	-11.42	-305.32
40545	87.87	-11.83	1.75	50.89	-192.29	-568.68	-17.70	-9.10	-285.81
40546	88.90	-11.54	1.75	40.28	-182.75	-496.05	-16.31	-10.08	-266.72
40547	79.05	-14.74	1.75	149.04	-266.39	-1235.03	-100.41	-166.16	-470.43
40548	80.23	-14.68	1.75	132.11	-260.77	-1160.29	-83.25	-139.23	-454.43
40549	81.41	-14.57	1.75	115.36	-253.10	-1082.04	-68.40	-114.81	-436.28
40550	82.57	-14.42	1.75	99.17	-243.88	-1001.32	-55.93	-93.51	-416.39
40551	83.72	-14.22	1.75	83.94	-233.53	-919.24	-45.81	-75.69	-395.22
40552	84.85	-13.97	1.75	70.01	-222.47	-836.79	-37.90	-61.49	-373.21
40553	85.96	-13.68	1.75	57.61	-211.02	-754.80	-32.01	-50.88	-350.74
40554	87.04	-13.35	1.75	46.88	-199.50	-673.95	-27.88	-43.68	-328.13
40555	88.10	-12.98	1.75	37.77	-188.16	-594.74	-25.23	-39.60	-305.63
40556	89.13	-12.56	1.75	30.14	-177.19	-517.53	-23.72	-38.30	-283.44
40557	79.06	-16.38	1.75	100.70	-228.65	-1357.35	-94.38	-196.73	-491.77
40558	80.28	-16.31	1.75	88.26	-225.34	-1274.41	-81.47	-174.38	-475.80
40559	81.49	-16.17	1.75	76.31	-219.79	-1187.28	-70.14	-153.33	-457.17
40560	82.69	-15.98	1.75	65.06	-212.56	-1097.18	-60.53	-134.24	-436.37
40561	83.86	-15.73	1.75	54.72	-204.15	-1005.28	-52.60	-117.54	-413.90
40562	85.02	-15.41	1.75	45.45	-195.03	-912.64	-46.27	-103.45	-390.26
40563	86.15	-15.04	1.75	37.37	-185.63	-820.19	-41.36	-92.03	-365.92
40564	87.25	-14.61	1.75	30.50	-176.32	-728.77	-37.64	-83.16	-341.30
40565	88.32	-14.13	1.75	24.76	-167.41	-639.13	-34.90	-76.63	-316.76
40566	89.35	-13.59	1.75	19.99	-159.06	-551.92	-32.88	-72.09	-292.60
40567	79.08	-18.02	1.75	59.67	-154.89	-1520.40	-74.47	-228.29	-454.67
40568	80.33	-17.94	1.75	49.73	-155.06	-1427.55	-67.22	-213.72	-443.07
40569	81.56	-17.78	1.75	40.62	-154.08	-1328.64	-61.03	-198.63	-429.01
40570	82.79	-17.55	1.75	32.49	-152.22	-1225.36	-55.83	-183.62	-412.81
40571	83.99	-17.24	1.75	25.43	-149.80	-1119.25	-51.52	-169.13	-394.85
40572	85.17	-16.86	1.75	19.48	-147.08	-1011.79	-47.99	-155.47	-375.51
40573	86.33	-16.40	1.75	14.65	-144.30	-904.35	-45.06	-142.81	-355.18
40574	87.45	-15.88	1.75	10.90	-141.64	-798.20	-42.59	-131.22	-334.23
40575	88.53	-15.29	1.75	8.13	-139.24	-694.53	-40.41	-120.68	-312.96
40576	89.56	-14.63	1.75	6.29	-137.14	-594.44	-38.45	-111.11	-291.62
40577	94.23	-9.51	1.75	6.45	-135.12	-140.20	-24.25	-56.25	-172.03
40578	93.64	-10.51	1.75	5.74	-134.82	-197.02	-27.44	-65.68	-192.06
40579	92.99	-11.47	1.75	4.71	-134.51	-261.67	-30.29	-76.05	-211.64
40580	93.28	-9.44	1.75	12.15	-144.37	-188.34	-19.03	-33.93	-180.42
40581	92.87	-10.31	1.75	11.56	-144.29	-232.13	-22.53	-44.52	-198.36
40582	92.42	-11.15	1.75	10.70	-143.42	-281.80	-26.17	-55.94	-215.60
40583	92.33	-9.37	1.75	19.47	-153.04	-240.61	-14.29	-13.45	-188.44
40584	92.10	-10.12	1.75	18.22	-153.56	-269.82	-17.32	-24.65	-203.80
40585	91.85	-10.84	1.75	16.79	-152.97	-303.75	-20.82	-36.67	-218.89
40586	90.53	-13.92	1.75	5.12	-135.47	-500.95	-36.54	-102.25	-271.29
40587	90.26	-13.04	1.75	16.39	-152.40	-473.84	-31.33	-68.70	-271.12
40588	89.99	-12.16	1.75	24.56	-168.23	-452.50	-23.10	-38.92	-264.78
40589	91.41	-13.17	1.75	4.44	-134.65	-414.84	-34.56	-93.68	-251.35
40590	91.05	-12.48	1.75	13.76	-147.82	-405.12	-29.91	-65.64	-251.94

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
40591	90.70	-11.79	1.75	21.05	-161.41	-398.97	-22.96	-39.82	-249.22
40592	92.25	-12.36	1.75	4.36	-134.15	-334.41	-32.70	-85.46	-231.63
40593	91.81	-11.88	1.75	11.51	-143.93	-339.70	-28.49	-63.06	-233.30
40594	91.38	-11.40	1.75	17.66	-155.63	-347.24	-22.73	-41.60	-233.57
40595	89.71	-9.46	0.25	44.82	-175.36	-389.55	-7.08	16.47	-202.90
40596	90.71	-9.42	0.25	37.24	-174.18	-328.80	-7.39	7.27	-195.83
40597	91.71	-9.37	0.25	31.80	-172.62	-270.89	-8.59	-5.43	-190.56
40598	89.92	-10.39	0.25	38.42	-187.81	-389.77	-10.34	-2.26	-221.87
40599	90.79	-10.26	0.25	33.15	-184.31	-337.86	-10.55	-9.01	-214.55
40600	91.65	-10.12	0.25	29.03	-180.49	-288.09	-11.34	-18.34	-208.25
40601	90.11	-11.33	0.25	31.19	-199.77	-400.51	-14.75	-22.56	-244.48
40602	90.84	-11.10	0.25	28.12	-194.05	-355.32	-14.61	-26.38	-236.01
40603	91.57	-10.86	0.25	25.71	-187.77	-311.58	-15.25	-31.87	-228.14
40604	79.00	-9.85	0.25	253.42	-203.07	-1099.32	-83.90	-134.19	-309.12
40605	80.09	-9.83	0.25	224.84	-199.07	-1035.66	-67.51	-98.22	-300.72
40606	81.18	-9.81	0.25	197.08	-195.26	-967.15	-53.41	-66.33	-290.98
40607	82.27	-9.79	0.25	170.51	-191.71	-895.18	-41.47	-39.05	-280.23
40608	83.35	-9.76	0.25	145.52	-188.45	-821.05	-31.59	-16.71	-268.77
40609	84.42	-9.72	0.25	122.47	-185.50	-745.96	-23.62	0.58	-256.93
40610	85.50	-9.68	0.25	101.68	-182.87	-670.99	-17.40	12.88	-245.02
40611	86.56	-9.63	0.25	83.38	-180.58	-597.04	-12.78	20.35	-233.32
40612	87.63	-9.57	0.25	67.76	-178.58	-524.85	-9.60	23.24	-222.14
40613	88.68	-9.51	0.25	54.87	-176.80	-454.97	-7.73	21.84	-211.77
40614	79.03	-11.54	0.25	208.62	-239.33	-1087.54	-95.18	-146.25	-345.22
40615	80.18	-11.51	0.25	184.96	-233.91	-1021.83	-76.82	-112.64	-335.04
40616	81.32	-11.45	0.25	161.89	-228.29	-952.12	-61.12	-82.81	-323.42
40617	82.45	-11.37	0.25	139.77	-222.62	-879.79	-47.92	-57.29	-310.72
40618	83.57	-11.28	0.25	119.03	-216.99	-806.06	-37.08	-36.34	-297.33
40619	84.67	-11.17	0.25	100.03	-211.51	-732.05	-28.39	-20.05	-283.62
40620	85.76	-11.04	0.25	83.06	-206.22	-658.70	-21.66	-8.32	-269.91
40621	86.84	-10.89	0.25	68.31	-201.16	-586.77	-16.66	-0.95	-256.50
40622	87.91	-10.73	0.25	55.90	-196.33	-516.84	-13.19	2.31	-243.67
40623	88.96	-10.55	0.25	45.89	-191.72	-449.32	-11.09	1.79	-231.64
40624	79.05	-13.25	0.25	159.19	-279.52	-1103.39	-104.94	-162.79	-385.66
40625	80.26	-13.19	0.25	141.19	-272.64	-1034.53	-85.69	-132.00	-373.75
40626	81.44	-13.10	0.25	123.49	-265.01	-962.52	-69.15	-104.43	-360.39
40627	82.61	-12.98	0.25	106.47	-256.88	-888.63	-55.22	-80.59	-345.99
40628	83.76	-12.82	0.25	90.54	-248.47	-813.93	-43.74	-60.77	-330.89
40629	84.89	-12.64	0.25	76.04	-239.93	-739.39	-34.53	-45.04	-315.47
40630	86.01	-12.42	0.25	63.24	-231.40	-665.83	-27.36	-33.35	-300.03
40631	87.10	-12.18	0.25	52.29	-222.96	-593.89	-22.02	-25.53	-284.86
40632	88.17	-11.90	0.25	43.25	-214.64	-524.04	-18.25	-21.37	-270.15
40633	89.22	-11.60	0.25	36.03	-206.52	-456.60	-15.79	-20.64	-255.98
40634	79.08	-14.95	0.25	105.67	-319.99	-1161.03	-112.89	-186.34	-439.33
40635	80.32	-14.88	0.25	93.60	-311.65	-1087.00	-93.99	-158.30	-425.13
40636	81.54	-14.76	0.25	81.61	-301.89	-1010.64	-77.56	-132.74	-409.65
40637	82.75	-14.59	0.25	70.09	-291.09	-933.00	-63.57	-110.21	-393.15
40638	83.93	-14.38	0.25	59.37	-279.55	-854.96	-51.93	-91.01	-375.92
40639	85.09	-14.12	0.25	49.77	-267.54	-777.35	-42.51	-75.28	-358.24
40640	86.22	-13.82	0.25	41.49	-255.28	-700.84	-35.10	-63.02	-340.35
40641	87.33	-13.48	0.25	34.66	-242.91	-625.95	-29.52	-54.15	-322.47
40642	88.41	-13.09	0.25	29.25	-230.53	-553.05	-25.53	-48.52	-304.72
40643	89.46	-12.67	0.25	25.11	-218.28	-482.34	-22.87	-45.96	-287.20
40644	79.09	-16.65	0.25	41.99	-348.60	-1330.27	-117.83	-223.81	-534.37
40645	80.36	-16.57	0.25	35.86	-339.50	-1244.42	-101.42	-197.25	-515.89
40646	81.62	-16.43	0.25	30.11	-327.90	-1156.47	-86.77	-172.40	-495.57
40647	82.85	-16.22	0.25	24.89	-314.44	-1067.25	-74.05	-149.91	-473.69
40648	84.07	-15.96	0.25	20.36	-299.60	-977.54	-63.27	-130.16	-450.54
40649	85.25	-15.63	0.25	16.69	-283.83	-888.06	-54.38	-113.41	-426.45
40650	86.41	-15.24	0.25	13.95	-267.51	-799.42	-47.23	-99.74	-401.72
40651	87.54	-14.80	0.25	12.17	-250.97	-712.12	-41.65	-89.13	-376.61
40652	88.63	-14.30	0.25	11.29	-234.45	-626.54	-37.48	-81.45	-351.33
40653	89.68	-13.74	0.25	10.95	-218.17	-543.04	-34.41	-76.40	-326.15
40654	79.10	-18.36	0.25	-5.22	-204.97	-1628.74	-98.80	-274.86	-542.64
40655	80.39	-18.28	0.25	-9.09	-204.29	-1523.70	-92.95	-255.20	-526.90
40656	81.67	-18.11	0.25	-11.48	-201.71	-1413.84	-87.41	-235.21	-508.16
40657	82.93	-17.87	0.25	-12.57	-197.67	-1300.58	-82.22	-215.67	-486.84
40658	84.17	-17.54	0.25	-12.54	-192.52	-1185.31	-77.33	-197.13	-463.38
40659	85.39	-17.15	0.25	-11.60	-186.55	-1069.32	-72.72	-179.97	-438.28
40660	86.57	-16.67	0.25	-9.98	-180.05	-953.81	-68.32	-164.43	-411.99
40661	87.72	-16.13	0.25	-7.94	-173.26	-839.91	-64.09	-150.57	-385.00
40662	88.83	-15.51	0.25	-5.75	-166.44	-728.63	-59.97	-138.36	-357.73
40663	89.89	-14.83	0.25	-3.55	-159.40	-620.98	-56.13	-127.67	-330.49
40664	94.64	-9.53	0.25	5.88	-148.47	-125.55	-26.23	-64.95	-187.83
40665	94.04	-10.56	0.25	3.79	-148.48	-187.61	-32.37	-75.23	-211.19
40666	93.39	-11.56	0.25	1.26	-147.24	-258.87	-38.79	-87.47	-233.61
40667	93.66	-9.45	0.25	21.53	-165.39	-169.64	-15.79	-44.08	-189.66
40668	93.25	-10.35	0.25	18.29	-170.58	-216.34	-19.97	-53.30	-213.08
40669	92.80	-11.22	0.25	14.32	-174.28	-271.06	-25.01	-63.42	-236.65
40670	92.69	-9.38	0.25	27.28	-170.76	-217.73	-11.15	-22.53	-188.24
40671	92.47	-10.15	0.25	24.90	-177.17	-246.90	-14.07	-32.97	-207.77
40672	92.22	-10.90	0.25	21.57	-182.86	-282.63	-17.89	-44.22	-228.68
40673	90.87	-14.10	0.25	-1.87	-153.37	-519.86	-52.37	-117.93	-304.87
40674	90.61	-13.17	0.25	11.14	-203.96	-467.00	-32.08	-73.13	-302.93
40675	90.34	-12.26	0.25	22.44	-207.78	-422.69	-21.43	-45.87	-272.19
40676	91.78	-13.31	0.25	-0.81	-149.64	-426.20	-48.07	-108.18	-280.39
40677	91.42	-12.59	0.25	11.72	-192.26	-398.63	-30.33	-70.87	-281.19
40678	91.05	-11.88	0.25	21.37	-198.89	-373.38	-20.72	-46.45	-259.14
40679	92.63	-12.48	0.25	-0.10	-146.52	-338.61	-44.01	-98.72	-256.68
40680	92.19	-11.97	0.25	11.98	-181.12	-332.76	-28.75	-69.58	-259.72
40681	91.74	-11.48	0.25	20.27	-190.39	-325.70	-20.20	-48.48	-245.65
40682	90.00	-9.48	-1.25	42.57	-164.93	-354.36	-4.44	7.99	-175.39
40683	91.02	-9.43	-1.25	39.13	-169.19	-296.73	-3.75	1.16	-170.50
40684	92.04	-9.39	-1.25	38.91	-174.53	-241.52	-3.46	-9.38	-167.84
40685	90.21	-10.44	-1.25	38.42	-186.84	-353.05	-6.73	-8.75	-192.70
40686	91.10	-10.31	-1.25	37.12	-188.71	-303.63	-5.70	-13.74	-188.06
40687	91.98	-10.16	-1.25	37.90	-191.61	-256.15	-4.95	-21.63	-185.04
40688	90.41	-11.41	-1.25	33.90	-213.33	-360.53	-9.55	-27.34	-214.63
40689	91.16	-11.18	-1.25	34.70	-211.95	-317.63	-7.89	-29.92	-209.37

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{XX}$ [kPa]	$\sigma_{YY}$ [kPa]	$\sigma_{ZZ}$ [kPa]	$\tau_{XY}$ [kPa]	$\tau_{XZ}$ [kPa]	$\tau_{YZ}$ [kPa]
40690	91.91	-10.93	-1.25	37.21	-211.63	-276.14	-6.84	-34.29	-205.71
40691	79.01	-9.88	-1.25	205.03	-170.23	-1018.96	-77.48	-158.49	-254.20
40692	80.13	-9.86	-1.25	182.03	-166.82	-958.88	-62.56	-122.46	-249.05
40693	81.25	-9.84	-1.25	159.75	-163.96	-894.68	-49.66	-90.11	-242.52
40694	82.36	-9.82	-1.25	138.48	-161.68	-827.49	-38.68	-61.95	-234.87
40695	83.47	-9.78	-1.25	118.54	-160.00	-758.43	-29.50	-38.31	-226.41
40696	84.58	-9.74	-1.25	100.24	-158.96	-688.51	-22.00	-19.37	-217.43
40697	85.67	-9.70	-1.25	83.88	-158.60	-618.62	-16.03	-5.12	-208.21
40698	86.77	-9.65	-1.25	69.71	-158.96	-549.54	-11.45	4.54	-199.05
40699	87.86	-9.59	-1.25	57.96	-160.09	-481.89	-8.09	9.79	-190.26
40700	88.94	-9.53	-1.25	48.83	-162.01	-416.17	-5.79	10.87	-182.15
40701	79.04	-11.64	-1.25	164.20	-214.79	-1013.11	-89.90	-164.32	-283.85
40702	80.23	-11.60	-1.25	145.77	-209.78	-950.21	-72.92	-131.01	-277.37
40703	81.40	-11.54	-1.25	127.83	-205.06	-884.06	-58.30	-101.11	-269.43
40704	82.56	-11.46	-1.25	110.72	-200.70	-815.71	-45.92	-75.09	-260.33
40705	83.70	-11.36	-1.25	94.77	-196.78	-746.23	-35.60	-53.26	-250.41
40706	84.83	-11.25	-1.25	80.30	-193.37	-676.55	-27.18	-35.72	-240.02
40707	85.95	-11.11	-1.25	67.58	-190.55	-607.47	-20.45	-22.46	-229.47
40708	87.06	-10.96	-1.25	56.84	-188.39	-539.64	-15.22	-13.34	-219.07
40709	88.15	-10.79	-1.25	48.28	-186.94	-473.57	-11.27	-8.17	-209.11
40710	89.23	-10.61	-1.25	42.11	-186.27	-409.61	-8.43	-6.67	-199.88
40711	79.07	-13.40	-1.25	118.61	-270.40	-1029.83	-102.56	-174.48	-317.91
40712	80.31	-13.34	-1.25	105.54	-263.39	-963.29	-84.16	-144.39	-309.98
40713	81.52	-13.25	-1.25	92.67	-256.34	-894.32	-68.26	-117.18	-300.68
40714	82.72	-13.12	-1.25	80.38	-249.38	-823.84	-54.70	-93.30	-290.27
40715	83.90	-12.96	-1.25	69.01	-242.65	-752.81	-43.31	-73.05	-279.10
40716	85.07	-12.77	-1.25	58.86	-236.26	-682.07	-33.91	-56.54	-267.50
40717	86.21	-12.54	-1.25	50.20	-230.33	-612.30	-26.29	-43.78	-255.80
40718	87.33	-12.29	-1.25	43.22	-224.94	-544.06	-20.22	-34.66	-244.29
40719	88.43	-12.01	-1.25	38.08	-220.18	-477.79	-15.47	-29.04	-233.24
40720	89.50	-11.69	-1.25	34.93	-216.08	-413.78	-11.85	-26.82	-222.80
40721	79.09	-15.17	-1.25	65.94	-343.91	-1088.50	-117.22	-192.41	-367.27
40722	80.37	-15.09	-1.25	58.88	-334.13	-1016.31	-97.83	-165.39	-357.19
40723	81.63	-14.97	-1.25	51.84	-323.97	-942.19	-80.85	-140.54	-345.99
40724	82.86	-14.80	-1.25	45.16	-313.58	-867.00	-66.12	-118.31	-333.85
40725	84.08	-14.58	-1.25	39.14	-303.12	-791.61	-53.52	-99.04	-321.04
40726	85.27	-14.31	-1.25	34.06	-292.76	-716.78	-42.89	-82.90	-307.84
40727	86.44	-14.00	-1.25	30.15	-282.63	-643.18	-34.04	-69.93	-294.54
40728	87.57	-13.64	-1.25	27.62	-272.84	-571.34	-26.78	-60.10	-281.42
40729	88.68	-13.24	-1.25	26.59	-263.48	-501.67	-20.94	-53.37	-268.73
40730	89.75	-12.80	-1.25	27.15	-254.75	-434.43	-16.31	-49.74	-256.70
40731	79.11	-16.93	-1.25	4.30	-454.77	-1185.64	-136.76	-223.80	-455.31
40732	80.42	-16.85	-1.25	4.06	-440.32	-1106.03	-115.94	-198.45	-441.06
40733	81.71	-16.70	-1.25	3.69	-424.87	-1025.40	-97.35	-174.75	-426.33
40734	82.98	-16.49	-1.25	3.47	-408.66	-944.36	-80.93	-153.06	-411.02
40735	84.22	-16.21	-1.25	3.66	-391.92	-863.60	-66.60	-133.71	-395.21
40736	85.44	-15.87	-1.25	4.50	-374.87	-783.72	-54.27	-116.94	-379.07
40737	86.63	-15.47	-1.25	6.24	-357.70	-705.26	-43.81	-102.89	-362.75
40738	87.79	-15.01	-1.25	9.07	-340.61	-628.67	-35.07	-91.63	-346.43
40739	88.91	-14.49	-1.25	13.18	-323.74	-554.27	-27.89	-83.19	-330.32
40740	89.99	-13.91	-1.25	18.57	-307.25	-481.97	-22.04	-77.68	-314.54
40741	79.12	-18.70	-1.25	-136.69	-623.86	-1802.77	-180.82	-333.03	-798.04
40742	80.45	-18.62	-1.25	-122.44	-603.98	-1681.22	-161.46	-298.97	-767.14
40743	81.76	-18.44	-1.25	-107.58	-581.68	-1557.14	-142.99	-266.36	-733.90
40744	83.06	-18.19	-1.25	-92.24	-557.43	-1431.50	-125.54	-235.89	-698.53
40745	84.34	-17.85	-1.25	-76.50	-531.56	-1305.31	-109.20	-208.15	-661.42
40746	85.59	-17.44	-1.25	-60.47	-504.42	-1179.48	-94.01	-183.57	-623.00
40747	86.80	-16.95	-1.25	-44.25	-476.34	-1054.86	-79.98	-162.46	-583.71
40748	87.98	-16.39	-1.25	-27.92	-447.62	-932.18	-67.08	-144.95	-544.01
40749	89.11	-15.75	-1.25	-11.62	-418.57	-812.12	-55.24	-131.08	-504.33
40750	90.20	-15.04	-1.25	4.71	-389.35	-695.21	-44.50	-120.62	-465.28
40751	95.05	-9.55	-1.25	70.37	-214.39	-100.19	-0.20	-90.85	-222.22
40752	94.44	-10.62	-1.25	65.53	-241.28	-176.50	-3.59	-95.37	-262.28
40753	93.78	-11.65	-1.25	58.54	-271.90	-268.66	-9.01	-100.77	-306.37
40754	94.05	-9.47	-1.25	51.84	-195.09	-143.42	-3.28	-48.71	-181.66
40755	93.63	-10.40	-1.25	49.34	-216.06	-186.67	-4.95	-58.05	-209.95
40756	93.17	-11.30	-1.25	45.76	-240.35	-240.05	-7.12	-67.85	-242.23
40757	93.05	-9.40	-1.25	42.96	-183.21	-190.22	-3.44	-24.90	-169.81
40758	92.82	-10.19	-1.25	42.10	-200.29	-216.06	-4.78	-35.13	-190.19
40759	92.57	-10.96	-1.25	39.60	-220.04	-248.50	-6.71	-46.48	-214.00
40760	91.21	-14.28	-1.25	20.73	-360.20	-581.66	-34.58	-112.79	-426.72
40761	90.94	-13.32	-1.25	24.57	-291.50	-415.87	-17.40	-74.48	-299.02
40762	90.65	-12.37	-1.25	28.99	-247.42	-378.19	-13.00	-48.74	-246.75
40763	92.14	-13.47	-1.25	34.78	-331.63	-472.96	-25.75	-107.75	-387.67
40764	91.76	-12.72	-1.25	31.46	-276.13	-356.15	-13.64	-72.53	-283.29
40765	91.38	-11.98	-1.25	32.29	-240.67	-332.10	-10.40	-48.65	-238.27
40766	93.01	-12.60	-1.25	47.39	-303.67	-369.39	-17.70	-104.90	-349.93
40767	92.55	-12.08	-1.25	39.17	-261.59	-298.35	-10.50	-72.64	-268.02
40768	92.09	-11.56	-1.25	36.49	-233.78	-287.84	-8.16	-50.57	-229.88
40769	97.56	-1.65	-2.70	77.31	-126.12	47.93	-8.73	-9.54	-20.29
40770	97.62	-0.55	-2.70	71.30	-127.76	38.21	-15.28	-4.29	-7.88
40771	97.62	0.55	-2.70	65.00	-133.09	22.60	-22.20	1.55	5.07
40772	97.56	1.65	-2.70	58.47	-142.17	1.09	-29.39	7.94	18.77
40773	96.32	-1.65	-2.70	48.32	-107.00	-17.13	-7.71	17.30	-28.43
40774	96.38	-0.55	-2.70	43.87	-108.47	-26.69	-11.57	22.10	-14.77
40775	96.38	0.55	-2.70	39.08	-112.87	-42.00	-15.69	26.65	-0.64
40776	96.32	1.65	-2.70	33.99	-120.24	-63.09	-20.04	30.91	14.10
40777	95.09	-1.65	-2.70	34.13	-92.54	-82.35	-6.35	35.84	-33.08
40778	95.14	-0.55	-2.70	30.52	-93.70	-91.30	-9.35	40.76	-19.67
40779	95.14	0.55	-2.70	26.66	-97.45	-105.45	-12.62	45.22	-5.77
40780	95.09	1.65	-2.70	22.55	-103.82	-124.83	-16.06	49.19	8.77
40781	93.86	-1.65	-2.70	27.93	-79.69	-146.36	-4.87	51.88	-37.51
40782	93.91	-0.55	-2.70	24.90	-80.51	-155.22	-7.53	56.93	-23.99
40783	93.91	0.55	-2.70	21.70	-83.82	-168.89	-10.43	61.32	-9.96
40784	93.86	1.65	-2.70	18.33	-89.68	-187.42	-13.49	65.01	4.74
40785	92.63	-1.65	-2.70	27.38	-68.09	-213.09	-3.45	64.42	-41.96
40786	92.67	-0.55	-2.70	24.82	-68.59	-222.08	-5.90	69.61	-28.10
40787	92.67	0.55	-2.70	22.12	-71.55	-235.51	-8.59	73.95	-13.68
40788	92.63	1.65	-2.70	19.30	-77.05	-253.43	-11.43	77.38	1.45

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
40789	91.39	-1.65	-2.70	31.38	-57.53	-283.05	-2.18	72.90	-46.52
40790	91.43	-0.55	-2.70	29.23	-57.69	-292.35	-4.43	78.20	-32.15
40791	91.43	0.55	-2.70	26.96	-60.36	-305.72	-6.92	82.48	-17.15
40792	91.39	1.65	-2.70	24.56	-65.59	-323.19	-9.56	85.66	-1.41
40793	90.16	-1.65	-2.70	39.35	-47.91	-356.30	-1.14	76.71	-51.18
40794	90.20	-0.55	-2.70	37.62	-47.75	-366.08	-3.13	82.08	-36.18
40795	90.20	0.55	-2.70	35.72	-50.14	-379.53	-5.37	86.26	-20.48
40796	90.16	1.65	-2.70	33.66	-55.15	-396.65	-7.76	89.20	-3.99
40797	88.93	-1.65	-2.70	50.97	-39.21	-432.58	-0.40	75.24	-55.88
40798	88.96	-0.55	-2.70	49.65	-38.72	-442.98	-2.04	80.59	-40.17
40799	88.96	0.55	-2.70	48.11	-40.85	-456.61	-3.94	84.64	-23.69
40800	88.93	1.65	-2.70	46.33	-45.68	-473.46	-5.98	87.32	-6.35
40801	87.70	-1.65	-2.70	65.98	-31.44	-511.38	-0.02	67.90	-60.55
40802	87.72	-0.55	-2.70	65.11	-30.63	-522.52	-1.19	73.12	-44.08
40803	87.72	0.55	-2.70	63.90	-32.51	-536.41	-2.62	76.97	-26.77
40804	87.70	1.65	-2.70	62.34	-37.18	-553.06	-4.20	79.38	-8.52
40805	86.46	-1.65	-2.70	84.14	-24.62	-592.01	-0.05	54.15	-65.07
40806	86.49	-0.55	-2.70	83.75	-23.50	-603.96	-0.62	59.11	-47.84
40807	86.49	0.55	-2.70	82.87	-25.15	-618.18	-1.44	62.69	-29.67
40808	86.46	1.65	-2.70	81.48	-29.68	-634.66	-2.40	64.81	-10.51
40809	85.23	-1.65	-2.70	105.21	-18.80	-673.54	-0.54	33.56	-69.33
40810	85.25	-0.55	-2.70	105.32	-17.39	-686.35	-0.36	38.13	-51.35
40811	85.25	0.55	-2.70	104.75	-18.83	-700.94	-0.40	41.35	-32.35
40812	85.23	1.65	-2.70	103.47	-23.22	-717.26	-0.58	43.16	-12.28
40813	84.00	-1.65	-2.70	128.88	-14.00	-754.86	-1.52	5.85	-73.21
40814	84.01	-0.55	-2.70	129.51	-12.32	-768.54	-0.41	9.86	-54.51
40815	84.01	0.55	-2.70	129.22	-13.57	-783.50	0.50	12.65	-34.72
40816	84.00	1.65	-2.70	127.98	-17.87	-799.66	1.29	14.14	-13.80
40817	82.76	-1.65	-2.70	154.79	-10.26	-834.65	-3.00	-29.09	-76.56
40818	82.78	-0.55	-2.70	155.95	-8.34	-849.17	-0.77	-25.80	-57.22
40819	82.78	0.55	-2.70	155.90	-9.44	-864.47	1.28	-23.54	-36.72
40820	82.76	1.65	-2.70	154.63	-13.67	-880.45	3.24	-22.36	-15.03
40821	81.53	-1.65	-2.70	182.57	-7.61	-911.43	-4.97	-71.16	-79.27
40822	81.54	-0.55	-2.70	184.24	-5.49	-926.71	-1.43	-68.75	-59.38
40823	81.54	0.55	-2.70	184.40	-6.46	-942.29	1.97	-67.08	-38.27
40824	81.53	1.65	-2.70	183.01	-10.65	-958.06	5.31	-66.19	-15.94
40825	80.30	-1.65	-2.70	211.80	-6.05	-983.56	-7.41	-120.00	-81.23
40826	80.30	-0.55	-2.70	213.96	-3.76	-999.47	-2.36	-118.61	-60.91
40827	80.30	0.55	-2.70	214.27	-4.64	-1015.25	2.61	-117.59	-39.34
40828	80.30	1.65	-2.70	212.67	-8.84	-1030.78	7.54	-116.95	-16.50
40829	79.07	-1.65	-2.70	242.08	-5.58	-1049.28	-10.27	-174.97	-82.35
40830	79.07	-0.55	-2.70	244.69	-3.14	-1065.67	-3.49	-174.73	-61.75
40831	79.07	0.55	-2.70	245.08	-3.98	-1081.55	3.24	-174.39	-39.87
40832	79.07	1.65	-2.70	243.20	-8.23	-1096.80	9.98	-173.95	-16.72
40833	97.56	-1.65	-4.10	26.75	-90.78	19.69	-4.47	-0.95	-19.76
40834	97.62	-0.55	-4.10	24.45	-91.29	11.92	-8.33	3.51	-14.07
40835	97.62	0.55	-4.10	22.75	-93.80	-0.66	-12.31	8.92	-7.89
40836	97.56	1.65	-4.10	21.67	-98.30	-18.02	-16.21	15.25	-1.02
40837	96.32	-1.65	-4.10	23.38	-68.45	-27.26	-3.40	24.07	-27.17
40838	96.38	-0.55	-4.10	20.95	-68.93	-35.72	-7.03	28.11	-19.17
40839	96.38	0.55	-4.10	18.93	-71.54	-49.27	-10.80	32.26	-10.76
40840	96.32	1.65	-4.10	17.34	-76.29	-67.89	-14.53	36.48	-1.78
40841	95.09	-1.65	-4.10	19.89	-50.45	-85.62	-2.78	39.63	-32.57
40842	95.14	-0.55	-4.10	17.53	-50.80	-93.99	-5.94	43.67	-23.51
40843	95.14	0.55	-4.10	15.38	-53.27	-107.16	-9.27	47.39	-14.04
40844	95.09	1.65	-4.10	13.48	-57.88	-125.17	-12.61	50.76	-4.05
40845	93.86	-1.65	-4.10	17.92	-34.90	-145.90	-1.93	50.96	-37.00
40846	93.91	-0.55	-4.10	15.77	-35.02	-154.16	-4.86	55.17	-27.38
40847	93.91	0.55	-4.10	13.76	-37.29	-166.91	-7.97	58.84	-17.30
40848	93.86	1.65	-4.10	11.92	-41.73	-184.17	-11.13	61.92	-6.67
40849	92.63	-1.65	-4.10	18.63	-20.88	-208.07	-1.01	59.23	-41.19
40850	92.67	-0.55	-4.10	16.75	-20.75	-216.41	-3.80	63.61	-31.05
40851	92.67	0.55	-4.10	14.97	-22.82	-228.90	-6.78	67.27	-20.42
40852	92.63	1.65	-4.10	13.29	-27.11	-245.56	-9.83	70.15	-9.20
40853	91.39	-1.65	-4.10	22.14	-8.06	-272.69	-0.14	63.90	-45.31
40854	91.43	-0.55	-4.10	20.57	-7.66	-281.24	-2.79	68.42	-34.65
40855	91.43	0.55	-4.10	19.04	-9.52	-293.59	-5.64	72.05	-23.44
40856	91.39	1.65	-4.10	17.55	-13.69	-309.76	-8.58	74.73	-11.59
40857	90.16	-1.65	-4.10	28.36	3.71	-339.78	0.60	64.31	-49.41
40858	90.20	-0.55	-4.10	27.11	4.39	-348.67	-1.87	68.88	-38.19
40859	90.20	0.55	-4.10	25.84	2.73	-360.99	-4.55	72.45	-26.36
40860	90.16	1.65	-4.10	24.54	-1.32	-376.75	-7.32	74.93	-13.85
40861	88.93	-1.65	-4.10	37.11	14.48	-409.14	1.12	59.81	-53.46
40862	88.96	-0.55	-4.10	36.21	15.46	-418.48	-1.09	64.36	-41.66
40863	88.96	0.55	-4.10	35.20	13.99	-430.85	-3.51	67.80	-29.19
40864	88.93	1.65	-4.10	34.08	10.04	-446.26	-6.02	70.08	-15.98
40865	87.70	-1.65	-4.10	48.20	24.27	-480.37	1.38	49.82	-57.39
40866	87.72	-0.55	-4.10	47.67	25.53	-490.25	-0.47	54.24	-45.02
40867	87.72	0.55	-4.10	46.93	24.26	-502.74	-2.54	57.51	-31.90
40868	87.70	1.65	-4.10	45.95	20.39	-517.85	-4.69	59.55	-17.99
40869	86.46	-1.65	-4.10	61.42	33.05	-552.90	1.32	33.87	-61.14
40870	86.49	-0.55	-4.10	61.28	34.59	-563.39	-0.05	38.04	-48.20
40871	86.49	0.55	-4.10	60.79	33.50	-576.05	-1.64	41.06	-34.45
40872	86.46	1.65	-4.10	59.93	29.71	-590.89	-3.31	42.87	-19.85
40873	85.23	-1.65	-4.10	76.49	40.79	-625.98	0.91	11.59	-64.60
40874	85.25	-0.55	-4.10	76.76	42.60	-637.12	0.14	15.38	-51.13
40875	85.25	0.55	-4.10	76.52	41.68	-649.99	-0.83	18.08	-36.79
40876	85.23	1.65	-4.10	75.74	37.94	-664.59	-1.88	19.64	-21.53
40877	84.00	-1.65	-4.10	93.11	47.44	-698.72	0.13	-17.26	-67.66
40878	84.01	-0.55	-4.10	93.80	49.49	-710.51	0.10	-13.99	-53.73
40879	84.01	0.55	-4.10	93.78	48.72	-723.61	-0.11	-11.67	-38.86
40880	84.00	1.65	-4.10	93.04	45.03	-737.97	-0.39	-10.34	-23.03
40881	82.76	-1.65	-4.10	110.94	52.96	-770.06	-1.04	-52.71	-70.22
40882	82.78	-0.55	-4.10	112.04	55.24	-782.48	-0.18	-50.11	-55.91
40883	82.78	0.55	-4.10	112.22	54.59	-795.78	0.53	-48.23	-40.62
40884	82.76	1.65	-4.10	111.46	50.93	-809.91	1.18	-47.12	-24.31
40885	81.53	-1.65	-4.10	129.59	57.33	-838.79	-2.58	-94.62	-72.19
40886	81.54	-0.55	-4.10	131.08	59.79	-851.79	-0.68	-92.82	-57.61
40887	81.54	0.55	-4.10	131.43	59.25	-865.26	1.10	-91.44	-42.00

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
40888	81.53	1.65	-4.10	130.60	55.59	-879.16	2.85	-90.52	-25.35
40889	80.30	-1.65	-4.10	148.89	60.51	-903.58	-4.47	-142.61	-73.47
40890	80.30	-0.55	-4.10	150.54	63.13	-917.06	-1.37	-141.74	-58.76
40891	80.30	0.55	-4.10	151.01	62.66	-930.67	1.64	-140.90	-42.99
40892	80.30	1.65	-4.10	150.04	58.97	-944.33	4.64	-140.12	-26.16
40893	79.07	-1.65	-4.10	167.83	62.50	-963.03	-6.66	-196.07	-74.00
40894	79.07	-0.55	-4.10	170.00	65.27	-976.86	-2.22	-196.23	-59.31
40895	79.07	0.55	-4.10	170.54	64.83	-990.53	2.17	-195.96	-43.55
40896	79.07	1.65	-4.10	169.39	61.07	-1003.96	6.58	-195.27	-26.71
40897	97.56	-1.65	-5.50	2.69	-34.03	-4.09	0.32	-0.32	-18.75
40898	97.62	-0.55	-5.50	1.65	-33.73	-10.56	-1.72	3.80	-15.10
40899	97.62	0.55	-5.50	1.09	-34.26	-21.00	-3.85	8.99	-11.01
40900	97.56	1.65	-5.50	1.03	-35.61	-35.37	-5.94	15.20	-6.21
40901	96.32	-1.65	-5.50	1.80	-13.64	-41.91	1.26	20.39	-25.09
40902	96.38	-0.55	-5.50	0.75	-13.21	-49.24	-1.52	24.30	-20.30
40903	96.38	0.55	-5.50	0.29	-13.99	-60.96	-4.38	28.72	-15.07
40904	96.32	1.65	-5.50	0.43	-15.96	-77.04	-7.15	33.60	-9.21
40905	95.09	-1.65	-5.50	3.17	5.19	-91.53	1.72	36.05	-30.49
40906	95.14	-0.55	-5.50	2.05	5.73	-99.15	-1.32	39.81	-24.73
40907	95.14	0.55	-5.50	1.42	4.83	-111.15	-4.44	43.60	-18.56
40908	95.09	1.65	-5.50	1.31	2.51	-127.50	-7.50	47.41	-11.82
40909	93.86	-1.65	-5.50	4.86	22.37	-146.47	2.12	46.46	-35.04
40910	93.91	-0.55	-5.50	3.73	23.05	-154.15	-1.00	50.22	-28.62
40911	93.91	0.55	-5.50	2.98	22.15	-165.98	-4.23	53.71	-21.76
40912	93.86	1.65	-5.50	2.64	19.65	-181.96	-7.43	56.90	-14.36
40913	92.63	-1.65	-5.50	7.16	38.21	-203.96	2.60	52.82	-39.12
40914	92.67	-0.55	-5.50	6.12	39.10	-211.69	-0.56	56.67	-32.18
40915	92.67	0.55	-5.50	5.38	38.26	-223.29	-3.86	60.02	-24.78
40916	92.63	1.65	-5.50	4.95	35.67	-238.76	-7.15	62.83	-16.81
40917	91.39	-1.65	-5.50	10.59	52.96	-263.45	3.09	55.34	-42.96
40918	91.43	-0.55	-5.50	9.72	54.08	-271.32	-0.07	59.26	-35.56
40919	91.43	0.55	-5.50	9.06	53.34	-282.73	-3.39	62.51	-27.65
40920	91.39	1.65	-5.50	8.63	50.71	-297.70	-6.72	65.05	-19.15
40921	90.16	-1.65	-5.50	15.34	66.71	-324.79	3.52	53.65	-46.64
40922	90.20	-0.55	-5.50	14.69	68.08	-332.88	0.42	57.59	-38.79
40923	90.20	0.55	-5.50	14.17	67.46	-344.17	-2.86	60.74	-30.40
40924	90.16	1.65	-5.50	13.79	64.83	-358.69	-6.17	63.04	-21.38
40925	88.93	-1.65	-5.50	21.42	79.51	-387.77	3.83	47.27	-50.17
40926	88.96	-0.55	-5.50	21.03	81.13	-396.17	0.85	51.16	-41.90
40927	88.96	0.55	-5.50	20.68	80.65	-407.40	-2.31	54.17	-33.03
40928	88.93	1.65	-5.50	20.37	78.02	-421.50	-5.50	56.24	-23.49
40929	87.70	-1.65	-5.50	28.72	91.33	-452.07	3.95	35.72	-53.52
40930	87.72	-0.55	-5.50	28.62	93.22	-460.84	1.19	39.47	-44.84
40931	87.72	0.55	-5.50	28.45	92.88	-472.09	-1.76	42.30	-35.52
40932	87.70	1.65	-5.50	28.23	90.25	-485.81	-4.74	44.15	-25.47
40933	86.46	-1.65	-5.50	37.05	102.15	-517.25	3.85	18.61	-56.63
40934	86.49	-0.55	-5.50	37.25	104.30	-526.46	1.40	22.10	-47.59
40935	86.49	0.55	-5.50	37.28	104.10	-537.76	-1.23	24.70	-37.84
40936	86.46	1.65	-5.50	37.12	101.48	-551.15	-3.91	26.33	-27.32
40937	85.23	-1.65	-5.50	46.12	111.92	-582.74	3.50	-4.37	-59.44
40938	85.25	-0.55	-5.50	46.64	114.32	-592.42	1.46	-1.24	-50.07
40939	85.25	0.55	-5.50	46.86	114.25	-603.81	-0.75	1.06	-39.95
40940	85.23	1.65	-5.50	46.77	111.64	-616.89	-3.01	2.49	-29.02
40941	84.00	-1.65	-5.50	55.64	120.59	-647.84	2.88	-33.38	-61.84
40942	84.01	-0.55	-5.50	56.48	123.23	-658.01	1.36	-30.74	-52.22
40943	84.01	0.55	-5.50	56.88	123.28	-669.50	-0.33	-28.77	-41.82
40944	84.00	1.65	-5.50	56.82	120.67	-682.30	-2.04	-27.53	-30.56
40945	82.76	-1.65	-5.50	65.24	128.11	-711.73	1.99	-68.42	-63.77
40946	82.78	-0.55	-5.50	66.38	130.96	-722.36	1.09	-66.39	-54.00
40947	82.78	0.55	-5.50	66.94	131.11	-733.96	0.05	-64.81	-43.40
40948	82.76	1.65	-5.50	66.89	128.49	-746.51	-1.02	-63.73	-31.92
40949	81.53	-1.65	-5.50	74.54	134.45	-773.47	0.84	-109.31	-65.14
40950	81.54	-0.55	-5.50	75.95	137.48	-784.52	0.67	-108.01	-55.33
40951	81.54	0.55	-5.50	76.64	137.71	-796.21	0.38	-106.86	-44.67
40952	81.53	1.65	-5.50	76.57	135.06	-808.52	0.08	-105.90	-33.10
40953	80.30	-1.65	-5.50	83.15	139.56	-832.00	-0.55	-155.68	-65.89
40954	80.30	-0.55	-5.50	84.79	142.75	-843.41	0.11	-155.20	-56.18
40955	80.30	0.55	-5.50	85.57	143.04	-855.17	0.68	-154.52	-45.60
40956	80.30	1.65	-5.50	85.46	140.34	-867.26	1.25	-153.64	-34.09
40957	79.07	-1.65	-5.50	90.66	143.44	-886.20	-2.13	-206.91	-65.96
40958	79.07	-0.55	-5.50	92.47	146.76	-897.86	-0.56	-207.37	-56.51
40959	79.07	0.55	-5.50	93.31	147.08	-909.66	0.96	-207.17	-46.18
40960	79.07	1.65	-5.50	93.13	144.31	-921.57	2.50	-206.31	-34.90
40961	97.56	-1.65	-6.90	-9.91	33.20	-21.37	5.14	0.48	-17.14
40962	97.62	-0.55	-6.90	-10.36	34.28	-27.01	3.23	4.22	-14.27
40963	97.62	0.55	-6.90	-10.43	35.11	-36.02	1.22	8.96	-10.98
40964	97.56	1.65	-6.90	-10.10	35.67	-48.37	-0.82	14.66	-7.05
40965	96.32	-1.65	-6.90	-10.66	52.76	-56.52	6.04	16.26	-22.52
40966	96.38	-0.55	-6.90	-11.03	54.01	-62.89	3.37	19.96	-19.28
40967	96.38	0.55	-6.90	-10.86	54.70	-73.00	0.61	24.35	-15.61
40968	96.32	1.65	-6.90	-10.14	54.81	-86.82	-2.12	29.38	-11.29
40969	95.09	-1.65	-6.90	-9.25	71.85	-100.17	6.53	29.89	-27.48
40970	95.14	-0.55	-6.90	-9.59	73.25	-106.96	3.33	33.49	-23.78
40971	95.14	0.55	-6.90	-9.38	73.81	-117.59	0.05	37.40	-19.66
40972	95.09	1.65	-6.90	-8.59	73.55	-132.02	-3.18	41.61	-14.91
40973	93.86	-1.65	-6.90	-6.87	90.14	-149.39	6.82	39.67	-31.88
40974	93.91	-0.55	-6.90	-7.21	91.70	-156.38	3.29	43.18	-27.77
40975	93.91	0.55	-6.90	-7.04	92.21	-167.09	-0.34	46.72	-23.23
40976	93.86	1.65	-6.90	-6.34	91.67	-181.51	-3.91	50.24	-18.08
40977	92.63	-1.65	-6.90	-4.20	107.55	-201.78	7.07	45.34	-35.82
40978	92.67	-0.55	-6.90	-4.49	109.31	-208.87	3.32	48.83	-31.35
40979	92.67	0.55	-6.90	-4.34	109.82	-219.47	-0.55	52.10	-26.45
40980	92.63	1.65	-6.90	-3.74	109.09	-233.58	-4.39	55.11	-20.94
40981	91.39	-1.65	-6.90	-1.26	124.12	-256.16	7.30	46.94	-39.41
40982	91.43	-0.55	-6.90	-1.45	126.09	-263.36	3.40	50.42	-34.65
40983	91.43	0.55	-6.90	-1.27	126.65	-273.79	-0.64	53.49	-29.41
40984	91.39	1.65	-6.90	-0.73	125.79	-287.47	-4.66	56.12	-23.56
40985	90.16	-1.65	-6.90	1.99	139.84	-312.02	7.50	44.32	-42.75
40986	90.20	-0.55	-6.90	1.96	142.05	-319.37	3.51	47.76	-37.71

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
40987	90.20	0.55	-6.90	2.21	142.69	-329.65	-0.62	50.65	-32.16
40988	90.16	1.65	-6.90	2.74	141.74	-342.89	-4.75	52.97	-25.99
40989	88.93	-1.65	-6.90	5.54	154.69	-369.08	7.61	37.15	-45.86
40990	88.96	-0.55	-6.90	5.70	157.16	-376.64	3.61	40.50	-40.56
40991	88.96	0.55	-6.90	6.06	157.90	-386.80	-0.54	43.21	-34.73
40992	88.93	1.65	-6.90	6.62	156.88	-399.60	-4.71	45.25	-28.25
40993	87.70	-1.65	-6.90	9.26	168.65	-427.06	7.60	25.10	-48.74
40994	87.72	-0.55	-6.90	9.64	171.37	-434.87	3.66	28.28	-43.21
40995	87.72	0.55	-6.90	10.14	172.22	-444.96	-0.44	30.79	-37.11
40996	87.70	1.65	-6.90	10.74	171.16	-457.36	-4.56	32.58	-30.34
40997	86.46	-1.65	-6.90	12.92	181.64	-485.61	7.45	7.85	-51.33
40998	86.49	-0.55	-6.90	13.54	184.62	-493.72	3.64	10.78	-45.61
40999	86.49	0.55	-6.90	14.18	185.59	-503.78	-0.33	13.05	-39.30
41000	86.46	1.65	-6.90	14.84	184.49	-515.82	-4.32	14.62	-32.27
41001	85.23	-1.65	-6.90	16.22	193.61	-544.32	7.13	-14.80	-53.60
41002	85.25	-0.55	-6.90	17.07	196.83	-552.76	3.52	-12.22	-47.75
41003	85.25	0.55	-6.90	17.87	197.92	-562.82	-0.24	-10.23	-41.26
41004	85.23	1.65	-6.90	18.58	196.79	-574.52	-4.03	-8.85	-34.04
41005	84.00	-1.65	-6.90	18.81	204.49	-602.66	6.63	-42.96	-55.48
41006	84.01	-0.55	-6.90	19.89	207.95	-611.44	3.29	-40.84	-49.56
41007	84.01	0.55	-6.90	20.82	209.13	-621.53	-0.19	-39.16	-42.99
41008	84.00	1.65	-6.90	21.60	207.98	-632.93	-3.69	-37.95	-35.65
41009	82.76	-1.65	-6.90	20.29	214.23	-660.01	5.96	-76.61	-56.90
41010	82.78	-0.55	-6.90	21.56	217.90	-669.13	2.95	-75.04	-51.02
41011	82.78	0.55	-6.90	22.62	219.17	-679.25	-0.17	-73.71	-44.45
41012	82.76	1.65	-6.90	23.45	217.98	-690.39	-3.31	-72.63	-37.10
41013	81.53	-1.65	-6.90	20.23	222.78	-715.67	5.13	-115.55	-57.82
41014	81.54	-0.55	-6.90	21.66	226.63	-725.10	2.52	-114.63	-52.08
41015	81.54	0.55	-6.90	22.83	227.97	-735.26	-0.20	-113.67	-45.64
41016	81.53	1.65	-6.90	23.70	226.74	-746.16	-2.91	-112.68	-38.38
41017	80.30	-1.65	-6.90	18.21	230.09	-768.85	4.16	-159.39	-58.17
41018	80.30	-0.55	-6.90	19.75	234.10	-778.54	1.99	-159.22	-52.70
41019	80.30	0.55	-6.90	21.00	235.49	-788.73	-0.26	-158.65	-46.52
41020	80.30	1.65	-6.90	21.91	234.20	-799.43	-2.49	-157.71	-39.51
41021	79.07	-1.65	-6.90	13.80	236.16	-818.67	3.10	-207.56	-57.92
41022	79.07	-0.55	-6.90	15.38	240.29	-828.54	1.41	-208.21	-52.86
41023	79.07	0.55	-6.90	16.67	241.71	-838.75	-0.35	-208.06	-47.09
41024	79.07	1.65	-6.90	17.63	240.34	-849.29	-2.07	-207.11	-40.48
41025	97.56	-1.65	-8.30	-17.69	106.48	-34.27	10.23	-0.17	-14.70
41026	97.62	-0.55	-8.30	-17.81	108.35	-39.32	7.49	3.19	-12.25
41027	97.62	0.55	-8.30	-17.59	110.26	-47.28	4.64	7.46	-9.44
41028	97.56	1.65	-8.30	-17.00	112.18	-58.14	1.70	12.58	-6.05
41029	96.32	-1.65	-8.30	-18.42	126.56	-68.86	11.17	12.23	-19.28
41030	96.38	-0.55	-8.30	-18.41	128.65	-74.48	7.79	15.63	-16.91
41031	96.38	0.55	-8.30	-17.91	130.55	-83.29	4.30	19.75	-14.15
41032	96.32	1.65	-8.30	-16.92	132.22	-95.25	0.77	24.56	-10.76
41033	95.09	-1.65	-8.30	-17.63	146.51	-109.24	11.75	23.54	-23.66
41034	95.14	-0.55	-8.30	-17.51	148.81	-115.27	7.83	26.88	-21.24
41035	95.14	0.55	-8.30	-16.84	150.68	-124.58	3.81	30.70	-18.41
41036	95.09	1.65	-8.30	-15.61	152.12	-137.13	-0.22	34.98	-14.94
41037	93.86	-1.65	-8.30	-15.92	166.10	-153.98	12.09	32.17	-27.68
41038	93.91	-0.55	-8.30	-15.71	168.61	-160.26	7.74	35.43	-25.15
41039	93.91	0.55	-8.30	-14.95	170.49	-169.76	3.29	38.93	-22.21
41040	93.86	1.65	-8.30	-13.62	171.72	-182.47	-1.17	42.63	-18.63
41041	92.63	-1.65	-8.30	-13.88	185.19	-201.62	12.28	37.33	-31.32
41042	92.67	-0.55	-8.30	-13.58	187.92	-208.05	7.60	40.51	-28.68
41043	92.67	0.55	-8.30	-12.75	189.83	-217.54	2.80	43.71	-25.61
41044	92.63	1.65	-8.30	-11.40	190.89	-230.10	-2.01	46.90	-21.92
41045	91.39	-1.65	-8.30	-11.89	203.68	-251.12	12.39	38.66	-34.61
41046	91.43	-0.55	-8.30	-11.47	206.65	-257.66	7.44	41.76	-31.87
41047	91.43	0.55	-8.30	-10.59	208.62	-267.04	2.37	44.70	-28.69
41048	91.39	1.65	-8.30	-9.23	209.56	-279.28	-2.72	47.45	-24.88
41049	90.16	-1.65	-8.30	-10.18	221.50	-301.86	12.42	35.91	-37.61
41050	90.20	-0.55	-8.30	-9.62	224.73	-308.52	7.28	38.92	-34.77
41051	90.20	0.55	-8.30	-8.65	226.78	-317.76	1.99	41.63	-31.48
41052	90.16	1.65	-8.30	-7.27	227.63	-329.62	-3.32	44.00	-27.56
41053	88.93	-1.65	-8.30	-8.94	238.57	-353.50	12.38	28.86	-40.34
41054	88.96	-0.55	-8.30	-8.22	242.06	-360.29	7.09	31.74	-37.42
41055	88.96	0.55	-8.30	-7.14	244.23	-369.41	1.65	34.22	-34.03
41056	88.93	1.65	-8.30	-5.72	245.02	-380.86	-3.81	36.27	-30.00
41057	87.70	-1.65	-8.30	-8.43	254.82	-405.77	12.25	17.25	-42.79
41058	87.72	-0.55	-8.30	-7.53	258.58	-412.73	6.87	19.94	-39.81
41059	87.72	0.55	-8.30	-6.33	260.86	-421.74	1.33	22.19	-36.34
41060	87.70	1.65	-8.30	-4.86	261.61	-432.81	-4.23	23.97	-32.23
41061	86.46	-1.65	-8.30	-8.98	270.16	-458.40	12.02	0.87	-44.95
41062	86.49	-0.55	-8.30	-7.90	274.19	-465.57	6.59	3.31	-41.94
41063	86.49	0.55	-8.30	-6.57	276.59	-474.50	1.01	5.31	-38.42
41064	86.46	1.65	-8.30	-5.02	277.30	-485.21	-4.60	6.85	-34.25
41065	85.23	-1.65	-8.30	-10.99	284.52	-511.10	11.69	-20.42	-46.77
41066	85.25	-0.55	-8.30	-9.72	288.81	-518.50	6.25	-18.31	-43.78
41067	85.25	0.55	-8.30	-8.27	291.32	-527.38	0.67	-16.58	-40.27
41068	85.23	1.65	-8.30	-6.63	291.99	-537.76	-4.94	-15.24	-36.08
41069	84.00	-1.65	-8.30	-14.89	297.81	-563.49	11.25	-46.69	-48.22
41070	84.01	-0.55	-8.30	-13.47	302.34	-571.14	5.83	-45.00	-45.32
41071	84.01	0.55	-8.30	-11.89	304.96	-579.99	0.29	-43.55	-41.88
41072	84.00	1.65	-8.30	-10.16	305.60	-590.08	-5.28	-42.38	-37.75
41073	82.76	-1.65	-8.30	-21.18	309.98	-615.15	10.72	-77.88	-49.25
41074	82.78	-0.55	-8.30	-19.64	314.72	-623.04	5.35	-76.68	-46.52
41075	82.78	0.55	-8.30	-17.95	317.43	-631.89	-0.14	-75.55	-43.23
41076	82.76	1.65	-8.30	-16.12	318.02	-641.71	-5.63	-74.49	-39.24
41077	81.53	-1.65	-8.30	-30.34	320.95	-665.57	10.11	-113.79	-49.82
41078	81.54	-0.55	-8.30	-28.74	325.88	-673.68	4.80	-113.17	-47.35
41079	81.54	0.55	-8.30	-26.95	328.66	-682.54	-0.60	-112.36	-44.33
41080	81.53	1.65	-8.30	-25.01	329.20	-692.14	-6.01	-111.38	-40.58
41081	80.30	-1.65	-8.30	-42.86	330.68	-714.18	9.46	-154.06	-49.89
41082	80.30	-0.55	-8.30	-41.27	335.78	-722.48	4.21	-154.08	-47.80
41083	80.30	0.55	-8.30	-39.42	338.60	-731.34	-1.12	-153.62	-45.16
41084	80.30	1.65	-8.30	-37.34	339.07	-740.76	-6.43	-152.67	-41.78
41085	79.07	-1.65	-8.30	-59.24	339.15	-760.34	8.81	-198.15	-49.43



Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
41086	79.07	-0.55	-8.30	-57.75	344.38	-768.78	3.60	-198.89	-47.84
41087	79.07	0.55	-8.30	-55.87	347.23	-777.65	-1.68	-198.77	-45.71
41088	79.07	1.65	-8.30	-53.62	347.61	-786.93	-6.92	-197.82	-42.82
41089	101.97	-1.65	-2.70	6.30	-271.99	2.46	-19.53	-1.12	1.47
41090	102.02	-0.55	-2.70	7.25	-273.35	2.48	-10.20	-1.26	3.74
41091	102.02	0.55	-2.70	7.70	-273.59	2.52	-0.84	-1.56	5.98
41092	101.97	1.65	-2.70	7.64	-272.71	2.56	8.54	-2.01	8.22
41093	101.12	-1.65	-2.70	25.06	-266.62	3.16	-23.91	-6.10	0.49
41094	101.18	-0.55	-2.70	26.22	-268.26	3.09	-17.14	-6.07	1.86
41095	101.18	0.55	-2.70	27.30	-269.34	3.01	-10.24	-6.17	3.23
41096	101.12	1.65	-2.70	28.31	-269.86	2.89	-3.28	-6.39	4.58
41097	100.28	-1.65	-2.70	49.91	-250.60	3.54	-26.16	-11.58	0.05
41098	100.34	-0.55	-2.70	50.64	-252.47	3.35	-22.09	-11.24	1.06
41099	100.34	0.55	-2.70	51.66	-254.46	3.08	-17.92	-10.92	2.08
41100	100.28	1.65	-2.70	52.96	-256.53	2.70	-13.60	-10.61	3.15
41101	99.44	-1.65	-2.70	81.80	-222.37	3.27	-25.62	-19.44	-0.56
41102	99.50	-0.55	-2.70	80.70	-224.30	3.06	-25.32	-18.39	-0.25
41103	99.50	0.55	-2.70	80.01	-227.33	2.82	-25.04	-17.01	0.15
41104	99.44	1.65	-2.70	79.73	-231.44	2.50	-24.70	-15.30	0.72
41105	98.59	-1.65	-2.70	124.15	-166.76	45.25	-17.12	-50.08	-5.62
41106	98.65	-0.55	-2.70	117.46	-168.59	40.21	-25.34	-44.86	-1.75
41107	98.65	0.55	-2.70	110.57	-174.31	32.18	-34.03	-37.58	2.71
41108	98.59	1.65	-2.70	103.56	-184.00	21.14	-43.04	-28.35	8.14
41109	101.97	-1.65	-4.10	6.14	-199.58	13.13	-13.38	-5.02	3.79
41110	102.02	-0.55	-4.10	6.73	-200.02	13.25	-5.96	-5.06	8.81
41111	102.02	0.55	-4.10	6.78	-199.59	13.25	1.47	-5.48	13.90
41112	101.97	1.65	-4.10	6.29	-198.28	13.11	8.80	-6.26	18.89
41113	101.12	-1.65	-4.10	21.17	-191.04	13.42	-15.38	-15.50	1.75
41114	101.18	-0.55	-4.10	21.50	-191.66	13.17	-9.50	-15.05	5.04
41115	101.18	0.55	-4.10	21.37	-191.75	12.64	-3.61	-14.80	8.45
41116	101.12	1.65	-4.10	20.80	-191.32	11.83	2.17	-14.75	11.80
41117	100.28	-1.65	-4.10	36.71	-175.54	12.41	-15.76	-26.10	0.08
41118	100.34	-0.55	-4.10	36.23	-176.28	11.84	-11.67	-24.81	2.23
41119	100.34	0.55	-4.10	35.30	-176.88	10.85	-7.65	-23.33	4.57
41120	100.28	1.65	-4.10	33.94	-177.36	9.44	-3.77	-21.66	7.01
41121	99.44	-1.65	-4.10	48.77	-150.83	20.79	-13.29	-38.46	-2.90
41122	99.50	-0.55	-4.10	46.80	-151.55	18.79	-11.88	-35.38	-1.29
41123	99.50	0.55	-4.10	44.29	-152.85	15.58	-10.67	-31.22	0.71
41124	99.44	1.65	-4.10	41.28	-154.76	11.16	-9.70	-26.02	3.15
41125	98.59	-1.65	-4.10	36.74	-120.27	32.98	-7.85	-32.81	-9.98
41126	98.65	-0.55	-4.10	34.45	-120.81	27.87	-9.69	-28.16	-7.29
41127	98.65	0.55	-4.10	32.29	-122.72	19.62	-11.69	-21.80	-4.03
41128	98.59	1.65	-4.10	30.31	-126.01	8.23	-13.76	-13.78	0.00
41129	101.97	-1.65	-5.50	3.76	-132.41	31.93	-8.36	-7.59	4.39
41130	102.02	-0.55	-5.50	4.05	-132.41	31.68	-3.14	-7.40	11.24
41131	102.02	0.55	-5.50	3.94	-131.51	31.28	2.04	-7.69	18.04
41132	101.97	1.65	-5.50	3.44	-129.72	30.76	7.09	-8.42	24.89
41133	101.12	-1.65	-5.50	12.26	-120.11	28.20	-8.37	-19.85	2.04
41134	101.18	-0.55	-5.50	12.20	-120.16	27.35	-4.04	-18.93	6.93
41135	101.18	0.55	-5.50	11.68	-119.51	26.10	0.24	-18.17	11.85
41136	101.12	1.65	-5.50	10.72	-118.16	24.46	4.33	-17.60	16.88
41137	100.28	-1.65	-5.50	18.39	-103.39	25.08	-7.46	-29.53	-0.68
41138	100.34	-0.55	-5.50	17.72	-103.48	23.52	-4.35	-27.57	2.79
41139	100.34	0.55	-5.50	16.53	-103.08	21.19	-1.37	-25.26	6.37
41140	100.28	1.65	-5.50	14.87	-102.22	18.11	1.40	-22.62	10.27
41141	99.44	-1.65	-5.50	16.85	-82.26	24.03	-5.02	-32.51	-4.88
41142	99.50	-0.55	-5.50	15.73	-82.24	21.12	-3.60	-29.32	-2.27
41143	99.50	0.55	-5.50	14.27	-82.10	16.65	-2.33	-25.14	0.61
41144	99.44	1.65	-5.50	12.49	-81.87	10.63	-1.26	-20.02	4.05
41145	98.59	-1.65	-5.50	9.50	-57.49	17.42	-1.90	-21.59	-11.39
41146	98.65	-0.55	-5.50	8.32	-57.33	12.59	-2.42	-17.58	-8.71
41147	98.65	0.55	-5.50	7.20	-57.52	4.89	-3.08	-12.22	-5.63
41148	98.59	1.65	-5.50	6.18	-58.08	-5.64	-3.83	-5.56	-1.84
41149	101.97	-1.65	-6.90	1.44	-68.60	54.26	-3.98	-7.81	4.52
41150	102.02	-0.55	-6.90	1.55	-68.07	53.41	-1.03	-7.47	12.24
41151	102.02	0.55	-6.90	1.41	-66.88	52.28	1.85	-7.61	19.97
41152	101.97	1.65	-6.90	1.06	-65.05	50.92	4.61	-8.23	27.71
41153	101.12	-1.65	-6.90	3.98	-52.25	44.12	-2.69	-19.64	2.20
41154	101.18	-0.55	-6.90	3.83	-51.64	42.62	-0.31	-18.42	8.00
41155	101.18	0.55	-6.90	3.34	-50.48	40.50	2.00	-17.34	13.91
41156	101.12	1.65	-6.90	2.54	-48.78	37.80	4.12	-16.42	19.91
41157	100.28	-1.65	-6.90	3.72	-33.37	34.53	-1.05	-26.34	-0.95
41158	100.34	-0.55	-6.90	3.25	-32.72	32.27	0.52	-24.21	3.35
41159	100.34	0.55	-6.90	2.44	-31.58	29.00	1.95	-21.74	7.84
41160	100.28	1.65	-6.90	1.31	-29.99	24.72	3.19	-18.97	12.59
41161	99.44	-1.65	-6.90	-0.08	-12.04	23.36	1.16	-25.73	-5.32
41162	99.50	-0.55	-6.90	-0.71	-11.25	20.05	1.62	-22.71	-2.08
41163	99.50	0.55	-6.90	-1.56	-10.16	15.07	1.95	-18.89	1.45
41164	99.44	1.65	-6.90	-2.59	-8.81	8.41	2.08	-14.31	5.43
41165	98.59	-1.65	-6.90	-5.91	11.28	5.33	3.50	-15.46	-11.09
41166	98.65	-0.55	-6.90	-6.48	12.21	0.77	2.68	-11.88	-8.32
41167	98.65	0.55	-6.90	-6.98	13.19	-6.38	1.75	-7.22	-5.19
41168	98.59	1.65	-6.90	-7.36	14.20	-16.11	0.69	-1.50	-1.47
41169	101.97	-1.65	-8.30	-0.32	-6.29	76.44	0.02	-6.60	4.68
41170	102.02	-0.55	-8.30	-0.37	-5.34	74.90	0.66	-6.21	12.59
41171	102.02	0.55	-8.30	-0.50	-4.03	72.83	1.18	-6.29	20.52
41172	101.97	1.65	-8.30	-0.67	-2.39	70.29	1.58	-6.82	28.45
41173	101.12	-1.65	-8.30	-2.04	14.47	59.42	2.16	-17.06	2.55
41174	101.18	-0.55	-8.30	-2.21	15.59	57.35	2.38	-15.79	8.72
41175	101.18	0.55	-8.30	-2.57	17.08	54.43	2.48	-14.64	15.01
41176	101.12	1.65	-8.30	-3.12	18.93	50.68	2.39	-13.62	21.39
41177	100.28	-1.65	-8.30	-5.43	36.56	42.48	4.30	-22.34	-0.51
41178	100.34	-0.55	-8.30	-5.77	37.81	39.76	3.97	-20.27	4.18
41179	100.34	0.55	-8.30	-6.30	39.48	35.83	3.48	-17.92	9.05
41180	100.28	1.65	-8.30	-6.97	41.55	30.72	2.82	-15.31	14.15
41181	99.44	-1.65	-8.30	-10.05	59.81	22.57	6.57	-21.03	-4.57
41182	99.50	-0.55	-8.30	-10.43	61.28	19.08	5.49	-18.28	-1.04
41183	99.50	0.55	-8.30	-10.88	63.09	13.87	4.27	-14.89	2.73
41184	99.44	1.65	-8.30	-11.37	65.21	6.95	2.88	-10.87	6.88

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
41185	98.59	-1.65	-8.30	-14.70	84.09	-3.54	8.70	-12.49	-9.60
41186	98.65	-0.55	-8.30	-14.97	85.76	-7.85	6.76	-9.31	-6.83
41187	98.65	0.55	-8.30	-15.12	87.65	-14.55	4.69	-5.23	-3.75
41188	98.59	1.65	-8.30	-15.10	89.72	-23.61	2.49	-0.29	-0.17
41189	77.83	-1.65	-2.70	273.03	-6.14	-1106.80	-13.47	-235.17	-82.58
41190	77.83	-0.55	-2.70	276.04	-3.58	-1123.45	-4.78	-236.17	-61.86
41191	77.83	0.55	-2.70	276.45	-4.42	-1139.32	3.92	-236.52	-39.87
41192	77.83	1.65	-2.70	274.21	-8.79	-1154.31	12.65	-236.20	-16.60
41193	76.60	-1.65	-2.70	304.35	-7.62	-1154.30	-16.91	-299.41	-81.88
41194	76.60	-0.55	-2.70	307.68	-4.96	-1170.97	-6.14	-301.72	-61.24
41195	76.60	0.55	-2.70	308.04	-5.84	-1186.74	4.67	-302.74	-39.33
41196	76.60	1.65	-2.70	305.39	-10.40	-1201.49	15.57	-302.45	-16.17
41197	75.37	-1.65	-2.70	335.81	-9.87	-1190.02	-20.46	-366.30	-80.31
41198	75.36	-0.55	-2.70	339.35	-7.09	-1206.45	-7.50	-369.93	-59.92
41199	75.36	0.55	-2.70	339.60	-8.06	-1222.01	5.53	-371.60	-38.28
41200	75.37	1.65	-2.70	336.54	-12.90	-1236.59	18.70	-371.26	-15.44
41201	74.14	-1.65	-2.70	367.21	-12.61	-1212.23	-23.96	-434.31	-77.94
41202	74.12	-0.55	-2.70	370.83	-9.70	-1228.14	-8.78	-439.22	-57.95
41203	74.12	0.55	-2.70	370.93	-10.79	-1243.41	6.48	-441.47	-36.75
41204	74.14	1.65	-2.70	367.49	-16.01	-1257.96	21.94	-441.01	-14.41
41205	72.90	-1.65	-2.70	398.31	-15.49	-1219.25	-27.21	-501.79	-74.97
41206	72.89	-0.55	-2.70	401.86	-12.39	-1234.35	-9.89	-507.89	-55.46
41207	72.89	0.55	-2.70	401.78	-13.64	-1249.27	7.51	-510.66	-34.76
41208	72.90	1.65	-2.70	398.04	-19.35	-1263.95	25.18	-510.03	-13.02
41209	71.67	-1.65	-2.70	428.66	-18.04	-1209.30	-30.04	-567.06	-71.65
41210	71.65	-0.55	-2.70	431.96	-14.69	-1223.32	-10.76	-574.17	-52.58
41211	71.65	0.55	-2.70	431.68	-16.13	-1237.86	8.56	-577.37	-32.34
41212	71.67	1.65	-2.70	427.79	-22.47	-1252.87	28.23	-576.59	-11.17
41213	70.44	-1.65	-2.70	457.38	-19.81	-1180.42	-32.32	-628.25	-68.36
41214	70.41	-0.55	-2.70	460.24	-16.15	-1193.09	-11.36	-636.13	-49.49
41215	70.41	0.55	-2.70	459.75	-17.81	-1207.24	9.59	-639.69	-29.46
41216	70.44	1.65	-2.70	455.90	-24.87	-1222.84	30.98	-638.83	-8.63
41217	69.20	-1.65	-2.70	482.87	-20.42	-1130.38	-34.09	-683.03	-65.52
41218	69.18	-0.55	-2.70	485.16	-16.49	-1141.48	-11.73	-691.40	-46.38
41219	69.18	0.55	-2.70	484.48	-18.38	-1155.26	10.59	-695.23	-26.08
41220	69.20	1.65	-2.70	480.82	-26.16	-1171.69	33.40	-694.44	-5.15
41221	67.97	-1.65	-2.70	502.74	-19.95	-1056.86	-35.66	-727.96	-63.47
41222	67.94	-0.55	-2.70	504.43	-15.90	-1066.20	-12.00	-736.53	-43.40
41223	67.94	0.55	-2.70	503.58	-18.02	-1079.63	11.62	-740.58	-22.18
41224	67.97	1.65	-2.70	500.18	-26.39	-1097.16	35.74	-740.04	-0.45
41225	66.74	-1.65	-2.70	514.16	-19.39	-958.32	-37.57	-757.55	-62.39
41226	66.70	-0.55	-2.70	515.23	-15.34	-965.66	-12.33	-766.03	-40.63
41227	66.70	0.55	-2.70	514.23	-17.69	-978.78	12.78	-770.25	-17.73
41228	66.74	1.65	-2.70	511.14	-26.51	-997.69	38.48	-770.17	5.55
41229	65.51	-1.65	-2.70	515.32	-21.14	-836.06	-40.00	-763.03	-62.23
41230	65.47	-0.55	-2.70	515.06	-16.54	-841.15	-12.56	-770.97	-38.13
41231	65.47	0.55	-2.70	513.91	-19.11	-853.97	13.91	-775.35	-12.68
41232	65.51	1.65	-2.70	511.85	-28.93	-874.57	41.80	-776.11	12.82
41233	64.27	-1.65	-2.70	508.86	-29.13	-698.64	-40.91	-732.22	-63.60
41234	64.23	-0.55	-2.70	503.81	-21.03	-701.51	-11.37	-737.71	-36.46
41235	64.23	0.55	-2.70	502.48	-23.83	-714.03	13.73	-742.24	-6.45
41236	64.27	1.65	-2.70	504.85	-37.60	-736.24	43.75	-745.74	21.97
41237	63.04	-1.65	-2.70	507.82	-47.40	-567.07	-33.68	-653.37	-70.80
41238	62.99	-0.55	-2.70	488.54	-28.38	-570.60	-5.32	-649.10	-38.11
41239	62.99	0.55	-2.70	487.01	-31.48	-582.76	8.94	-653.80	3.52
41240	63.04	1.65	-2.70	503.12	-56.68	-603.66	37.89	-667.30	37.29
41241	61.81	-1.65	-2.70	542.18	-76.91	-474.85	-10.61	-527.97	-94.84
41242	61.76	-0.55	-2.70	495.42	-38.90	-493.88	8.51	-496.05	-47.85
41243	61.76	0.55	-2.70	493.61	-42.40	-505.53	-3.16	-500.93	22.05
41244	61.81	1.65	-2.70	536.65	-87.44	-510.17	16.75	-542.38	69.74
41245	60.58	-1.65	-2.70	655.30	-107.32	-423.99	15.00	-395.30	-133.22
41246	60.52	-0.55	-2.70	587.50	-69.27	-477.40	19.07	-328.11	-57.67
41247	60.52	0.55	-2.70	585.10	-73.30	-488.57	-11.07	-333.04	41.10
41248	60.58	1.65	-2.70	648.63	-119.57	-457.92	-6.43	-410.21	117.08
41249	59.34	-1.65	-2.70	844.48	-149.35	-293.59	9.67	-295.02	-106.50
41250	59.28	-0.55	-2.70	797.78	-149.22	-321.96	5.37	-232.63	-37.47
41251	59.28	0.55	-2.70	794.40	-153.68	-332.24	7.74	-237.72	30.34
41252	59.34	1.65	-2.70	835.23	-164.11	-323.57	3.43	-311.44	99.88
41253	77.83	-1.65	-4.10	186.65	63.35	-1015.64	-9.10	-254.14	-73.73
41254	77.83	-0.55	-4.10	189.07	66.22	-1029.65	-3.18	-255.42	-59.23
41255	77.83	0.55	-4.10	189.62	65.78	-1043.32	2.72	-255.73	-43.67
41256	77.83	1.65	-4.10	188.27	61.92	-1056.57	8.67	-255.06	-27.03
41257	76.60	-1.65	-4.10	204.80	63.11	-1059.88	-11.69	-315.72	-72.66
41258	76.60	-0.55	-4.10	207.38	66.08	-1073.89	-4.20	-318.18	-58.53
41259	76.60	0.55	-4.10	207.90	65.61	-1087.48	3.31	-319.06	-43.35
41260	76.60	1.65	-4.10	206.32	61.58	-1100.60	10.90	-318.34	-27.11
41261	75.37	-1.65	-4.10	221.92	61.92	-1094.19	-14.33	-379.52	-70.81
41262	75.36	-0.55	-4.10	224.56	64.98	-1107.98	-5.21	-383.16	-57.22
41263	75.36	0.55	-4.10	225.01	64.43	-1121.44	3.95	-384.59	-42.60
41264	75.37	1.65	-4.10	223.22	60.19	-1134.52	13.23	-383.75	-26.95
41265	74.14	-1.65	-4.10	237.63	59.95	-1117.00	-16.89	-444.03	-68.29
41266	74.12	-0.55	-4.10	240.22	63.11	-1130.34	-6.16	-448.83	-55.37
41267	74.12	0.55	-4.10	240.55	62.46	-1143.62	4.64	-450.76	-41.44
41268	74.14	1.65	-4.10	238.60	57.91	-1156.79	15.59	-449.76	-26.53
41269	72.90	-1.65	-4.10	251.44	57.42	-1126.66	-19.25	-507.56	-65.25
41270	72.89	-0.55	-4.10	253.82	60.72	-1139.32	-6.98	-513.43	-53.05
41271	72.89	0.55	-4.10	254.01	59.94	-1152.38	5.34	-515.81	-39.87
41272	72.90	1.65	-4.10	252.00	55.01	-1165.81	17.87	-514.64	-25.78
41273	71.67	-1.65	-4.10	262.64	54.60	-1121.49	-21.27	-568.18	-61.91
41274	71.65	-0.55	-4.10	264.64	58.07	-1133.23	-7.64	-574.98	-50.38
41275	71.65	0.55	-4.10	264.69	57.14	-1146.05	6.02	-577.75	-37.90
41276	71.67	1.65	-4.10	262.75	51.74	-1159.94	19.97	-576.43	-24.59
41277	70.44	-1.65	-4.10	270.20	51.71	-1099.75	-22.90	-623.61	-58.57
41278	70.41	-0.55	-4.10	271.66	55.37	-1110.35	-8.12	-631.13	-47.50
41279	70.41	0.55	-4.10	271.55	54.27	-1122.93	6.67	-634.23	-35.49
41280	70.44	1.65	-4.10	269.85	48.33	-1137.47	21.80	-632.85	-22.77
41281	69.20	-1.65	-4.10	272.77	48.78	-1059.80	-24.17	-670.92	-55.53
41282	69.18	-0.55	-4.10	273.56	52.60	-1069.07	-8.45	-678.91	-44.54
41283	69.18	0.55	-4.10	273.30	51.32	-1081.41	7.27	-682.29	-32.63

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
41284	69.20	1.65	-4.10	272.00	44.86	-1096.83	23.37	-680.98	-20.11
41285	67.97	-1.65	-4.10	268.97	45.49	-1000.62	-25.31	-706.25	-53.08
41286	67.94	-0.55	-4.10	269.00	49.38	-1008.37	-8.71	-714.44	-41.63
41287	67.94	0.55	-4.10	268.61	47.91	-1020.49	7.88	-718.05	-29.28
41288	67.97	1.65	-4.10	267.79	41.01	-1037.00	24.85	-717.00	-16.43
41289	66.74	-1.65	-4.10	258.10	40.85	-922.75	-26.61	-724.53	-51.37
41290	66.70	-0.55	-4.10	257.30	44.69	-928.80	-9.00	-732.63	-38.85
41291	66.70	0.55	-4.10	256.79	43.04	-940.71	8.55	-736.42	-25.42
41292	66.74	1.65	-4.10	256.56	35.82	-958.51	26.54	-735.84	-11.63
41293	65.51	-1.65	-4.10	241.78	33.03	-829.93	-28.18	-719.80	-50.51
41294	65.47	-0.55	-4.10	239.78	36.97	-834.16	-9.26	-727.36	-36.31
41295	65.47	0.55	-4.10	239.15	35.15	-845.86	9.24	-731.30	-21.02
41296	65.51	1.65	-4.10	239.86	27.50	-865.06	28.54	-731.55	-5.65
41297	64.27	-1.65	-4.10	226.23	19.51	-730.78	-29.38	-687.16	-51.05
41298	64.23	-0.55	-4.10	221.91	24.51	-733.56	-9.05	-692.95	-34.38
41299	64.23	0.55	-4.10	221.15	22.52	-745.03	9.56	-697.00	-15.74
41300	64.27	1.65	-4.10	223.91	13.50	-765.25	30.26	-699.24	1.98
41301	63.04	-1.65	-4.10	224.15	-2.14	-638.24	-28.84	-627.47	-54.85
41302	62.99	-0.55	-4.10	215.97	5.91	-641.97	-7.75	-628.63	-34.07
41303	62.99	0.55	-4.10	215.07	3.74	-653.17	8.94	-632.76	-8.65
41304	63.04	1.65	-4.10	221.42	-8.65	-671.97	30.41	-639.77	13.03
41305	61.81	-1.65	-4.10	252.44	-32.73	-559.72	-27.46	-554.44	-63.91
41306	61.76	-0.55	-4.10	242.23	-20.26	-569.59	-6.17	-548.56	-35.99
41307	61.76	0.55	-4.10	241.21	-22.66	-580.48	8.21	-552.75	0.77
41308	61.81	1.65	-4.10	249.38	-39.83	-592.56	29.96	-566.93	29.38
41309	60.58	-1.65	-4.10	317.76	-72.75	-478.48	-32.46	-490.43	-72.10
41310	60.52	-0.55	-4.10	313.18	-58.18	-493.98	-7.43	-483.08	-36.69
41311	60.52	0.55	-4.10	312.18	-60.81	-504.37	10.49	-487.45	8.97
41312	60.58	1.65	-4.10	314.62	-80.55	-509.92	36.07	-503.44	44.80
41313	59.34	-1.65	-4.10	406.88	-121.59	-355.48	-47.16	-433.16	-61.93
41314	59.28	-0.55	-4.10	410.03	-114.41	-357.81	-11.08	-434.80	-28.48
41315	59.28	0.55	-4.10	409.15	-117.12	-366.91	15.13	-439.72	8.15
41316	59.34	1.65	-4.10	403.96	-129.56	-383.46	51.83	-447.56	41.59
41317	77.83	-1.65	-5.50	96.68	146.10	-934.86	-3.85	-262.20	-65.33
41318	77.83	-0.55	-5.50	98.59	149.52	-946.65	-1.30	-263.66	-56.29
41319	77.83	0.55	-5.50	99.44	149.85	-958.45	1.24	-263.94	-46.38
41320	77.83	1.65	-5.50	99.20	146.98	-970.22	3.82	-263.05	-35.52
41321	76.60	-1.65	-5.50	100.83	147.60	-976.71	-5.64	-320.49	-64.00
41322	76.60	-0.55	-5.50	102.74	151.11	-988.48	-2.06	-322.99	-55.53
41323	76.60	0.55	-5.50	103.57	151.40	-1000.23	1.52	-323.76	-46.21
41324	76.60	1.65	-5.50	103.28	148.39	-1011.95	5.18	-322.78	-35.95
41325	75.37	-1.65	-5.50	102.69	148.01	-1010.42	-7.41	-380.49	-61.99
41326	75.36	-0.55	-5.50	104.50	151.59	-1022.00	-2.81	-384.05	-54.25
41327	75.36	0.55	-5.50	105.27	151.83	-1033.68	1.82	-385.29	-45.67
41328	75.37	1.65	-5.50	104.96	148.63	-1045.44	6.54	-384.18	-36.17
41329	74.14	-1.65	-5.50	101.82	147.44	-1034.62	-9.05	-440.71	-59.40
41330	74.12	-0.55	-5.50	103.40	151.11	-1045.82	-3.49	-445.29	-52.48
41331	74.12	0.55	-5.50	104.08	151.26	-1057.40	2.11	-446.97	-44.75
41332	74.14	1.65	-5.50	103.83	147.83	-1069.34	7.84	-445.70	-36.14
41333	72.90	-1.65	-5.50	97.65	146.04	-1047.87	-10.47	-499.35	-56.36
41334	72.89	-0.55	-5.50	98.86	149.80	-1058.50	-4.06	-504.88	-50.30
41335	72.89	0.55	-5.50	99.44	149.85	-1069.96	2.37	-506.96	-43.47
41336	72.90	1.65	-5.50	99.34	146.12	-1082.22	8.99	-505.54	-35.80
41337	71.67	-1.65	-5.50	89.51	143.94	-1048.70	-11.59	-554.34	-53.06
41338	71.65	-0.55	-5.50	90.19	147.79	-1058.57	-4.51	-560.69	-47.80
41339	71.65	0.55	-5.50	90.65	147.72	-1069.89	2.59	-563.13	-41.80
41340	71.67	1.65	-5.50	90.85	143.65	-1082.66	9.92	-561.60	-35.03
41341	70.44	-1.65	-5.50	76.57	141.18	-1035.72	-12.36	-603.19	-49.71
41342	70.41	-0.55	-5.50	76.56	145.13	-1044.65	-4.81	-610.18	-45.09
41343	70.41	0.55	-5.50	76.90	144.92	-1055.84	2.75	-612.93	-39.73
41344	70.44	1.65	-5.50	77.55	140.48	-1069.30	10.57	-611.39	-33.68
41345	69.20	-1.65	-5.50	57.98	137.65	-1007.85	-12.83	-642.91	-46.59
41346	69.18	-0.55	-5.50	57.15	141.68	-1015.66	-4.99	-650.31	-42.26
41347	69.18	0.55	-5.50	57.36	141.32	-1026.72	2.84	-653.34	-37.22
41348	69.20	1.65	-5.50	58.61	136.53	-1041.06	10.96	-651.93	-31.57
41349	67.97	-1.65	-5.50	33.19	132.94	-964.72	-13.12	-670.03	-43.93
41350	67.94	-0.55	-5.50	31.42	136.95	-971.26	-5.11	-677.57	-39.44
41351	67.94	0.55	-5.50	31.52	136.45	-982.20	2.89	-680.83	-34.24
41352	67.97	1.65	-5.50	33.48	131.39	-997.59	11.20	-679.74	-28.53
41353	66.74	-1.65	-5.50	2.54	126.18	-907.35	-13.43	-680.81	-41.93
41354	66.70	-0.55	-5.50	-0.23	130.06	-912.48	-5.22	-688.21	-36.70
41355	66.70	0.55	-5.50	-0.23	129.42	-923.31	2.96	-691.66	-30.78
41356	66.74	1.65	-5.50	2.53	124.24	-939.87	11.46	-691.11	-24.43
41357	65.51	-1.65	-5.50	-31.88	115.98	-838.73	-13.92	-672.22	-40.75
41358	65.47	-0.55	-5.50	-35.77	119.64	-842.41	-5.36	-679.09	-34.15
41359	65.47	0.55	-5.50	-35.87	118.89	-853.12	3.07	-682.70	-26.78
41360	65.51	1.65	-5.50	-32.17	113.69	-870.90	11.90	-682.99	-19.16
41361	64.27	-1.65	-5.50	-65.77	100.52	-763.78	-14.64	-643.67	-40.73
41362	64.23	-0.55	-5.50	-70.88	104.02	-766.26	-5.52	-649.45	-31.99
41363	64.23	0.55	-5.50	-71.06	103.18	-776.83	3.22	-653.19	-22.13
41364	64.27	1.65	-5.50	-66.32	97.96	-795.53	12.59	-654.82	-12.45
41365	63.04	-1.65	-5.50	-93.59	77.89	-686.88	-15.78	-599.34	-42.34
41366	62.99	-0.55	-5.50	-99.55	81.41	-688.90	-5.78	-603.49	-30.42
41367	62.99	0.55	-5.50	-99.80	80.50	-699.28	3.51	-607.32	-16.69
41368	63.04	1.65	-5.50	-94.34	75.14	-718.09	13.72	-610.79	-3.92
41369	61.81	-1.65	-5.50	-112.98	46.23	-607.28	-18.22	-547.45	-45.29
41370	61.76	-0.55	-5.50	-118.61	49.67	-609.27	-6.62	-550.36	-29.27
41371	61.76	0.55	-5.50	-118.89	48.70	-619.36	4.35	-554.31	-10.70
41372	61.81	1.65	-5.50	-113.84	43.37	-637.64	16.17	-559.26	6.10
41373	60.58	-1.65	-5.50	-130.02	3.84	-517.92	-22.80	-491.48	-47.43
41374	60.52	-0.55	-5.50	-134.57	5.77	-518.19	-8.47	-494.56	-27.50
41375	60.52	0.55	-5.50	-134.87	4.79	-527.71	6.12	-498.71	-5.16
41376	60.58	1.65	-5.50	-130.98	1.03	-546.63	20.69	-503.84	15.46
41377	59.34	-1.65	-5.50	-156.95	-52.57	-430.02	-27.66	-414.03	-45.93
41378	59.28	-0.55	-5.50	-161.30	-55.50	-425.88	-10.99	-417.23	-23.56
41379	59.28	0.55	-5.50	-161.77	-56.44	-434.31	8.48	-421.57	-1.49
41380	59.34	1.65	-5.50	-158.47	-55.13	-455.63	25.50	-426.87	21.41
41381	77.83	-1.65	-6.90	6.59	240.97	-864.18	2.01	-259.28	-57.05
41382	77.83	-0.55	-6.90	8.12	245.21	-874.15	0.79	-260.81	-52.54

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
41383	77.83	0.55	-6.90	9.41	246.63	-884.36	-0.46	-261.08	-47.34
41384	77.83	1.65	-6.90	10.45	245.15	-894.81	-1.66	-260.07	-41.29
41385	76.60	-1.65	-6.90	-3.83	244.56	-904.39	0.94	-313.52	-55.57
41386	76.60	-0.55	-6.90	-2.47	248.89	-914.33	0.18	-315.97	-51.76
41387	76.60	0.55	-6.90	-1.19	250.29	-924.52	-0.59	-316.65	-47.26
41388	76.60	1.65	-6.90	-0.04	248.68	-934.95	-1.29	-315.56	-41.92
41389	75.37	-1.65	-6.90	-17.89	246.99	-938.20	-0.02	-369.04	-53.52
41390	75.36	-0.55	-6.90	-16.80	251.39	-947.99	-0.38	-372.41	-50.51
41391	75.36	0.55	-6.90	-15.57	252.74	-958.14	-0.75	-373.50	-46.85
41392	75.37	1.65	-6.90	-14.25	250.97	-968.66	-1.02	-372.29	-42.35
41393	74.14	-1.65	-6.90	-36.00	248.33	-964.49	-0.79	-424.32	-50.96
41394	74.12	-0.55	-6.90	-35.32	252.79	-973.99	-0.87	-428.58	-48.84
41395	74.12	0.55	-6.90	-34.17	254.07	-984.09	-0.95	-430.05	-46.10
41396	74.14	1.65	-6.90	-32.60	252.10	-994.82	-0.90	-428.72	-42.53
41397	72.90	-1.65	-6.90	-58.64	248.66	-982.09	-1.29	-477.55	-48.02
41398	72.89	-0.55	-6.90	-58.51	253.18	-991.13	-1.25	-482.62	-46.81
41399	72.89	0.55	-6.90	-57.47	254.37	-1001.18	-1.20	-484.46	-45.00
41400	72.90	1.65	-6.90	-55.53	252.17	-1012.25	-0.99	-483.02	-42.40
41401	71.67	-1.65	-6.90	-86.32	248.03	-989.79	-1.47	-526.60	-44.85
41402	71.65	-0.55	-6.90	-86.91	252.61	-998.23	-1.49	-532.38	-44.48
41403	71.65	0.55	-6.90	-85.97	253.70	-1008.23	-1.52	-534.55	-43.53
41404	71.67	1.65	-6.90	-83.53	251.23	-1019.79	-1.35	-533.07	-41.83
41405	70.44	-1.65	-6.90	-119.56	246.42	-986.53	-1.29	-568.99	-41.64
41406	70.41	-0.55	-6.90	-121.00	251.04	-994.22	-1.60	-575.31	-41.93
41407	70.41	0.55	-6.90	-120.18	252.01	-1004.17	-1.93	-577.78	-41.67
41408	70.44	1.65	-6.90	-117.10	249.27	-1016.39	-2.01	-576.36	-40.71
41409	69.20	-1.65	-6.90	-158.76	243.64	-971.48	-0.79	-601.92	-38.61
41410	69.18	-0.55	-6.90	-161.21	248.26	-978.28	-1.58	-608.55	-39.26
41411	69.18	0.55	-6.90	-160.50	249.11	-988.18	-2.41	-611.29	-39.38
41412	69.20	1.65	-6.90	-156.64	246.14	-1001.21	-2.97	-610.09	-38.85
41413	67.97	-1.65	-6.90	-204.05	239.28	-944.35	-0.06	-622.38	-35.97
41414	67.94	-0.55	-6.90	-207.60	243.82	-950.12	-1.48	-629.08	-36.55
41415	67.94	0.55	-6.90	-207.00	244.55	-959.99	-2.94	-632.06	-36.63
41416	67.97	1.65	-6.90	-202.26	241.44	-973.96	-4.14	-631.27	-36.11
41417	66.74	-1.65	-6.90	-255.01	232.57	-905.57	0.73	-627.63	-33.94
41418	66.70	-0.55	-6.90	-259.71	236.90	-910.24	-1.36	-634.11	-33.91
41419	66.70	0.55	-6.90	-259.22	237.53	-920.06	-3.48	-637.30	-33.38
41420	66.74	1.65	-6.90	-253.52	234.42	-935.07	-5.35	-637.15	-32.31
41421	65.51	-1.65	-6.90	-310.55	222.35	-856.40	1.36	-615.89	-32.72
41422	65.47	-0.55	-6.90	-316.41	226.29	-859.90	-1.28	-621.87	-31.41
41423	65.47	0.55	-6.90	-316.02	226.84	-869.67	-3.94	-625.24	-29.59
41424	65.51	1.65	-6.90	-309.35	223.96	-885.74	-6.40	-625.95	-27.32
41425	64.27	-1.65	-6.90	-369.38	207.04	-798.29	1.54	-587.29	-32.51
41426	64.23	-0.55	-6.90	-376.28	210.38	-800.68	-1.36	-592.50	-29.16
41427	64.23	0.55	-6.90	-375.98	210.86	-810.35	-4.23	-596.02	-25.23
41428	64.27	1.65	-6.90	-368.46	208.49	-827.37	-6.97	-597.83	-20.97
41429	63.04	-1.65	-6.90	-431.30	184.66	-731.89	0.86	-544.08	-33.46
41430	62.99	-0.55	-6.90	-438.93	187.08	-733.20	-1.75	-548.37	-27.21
41431	62.99	0.55	-6.90	-438.70	187.55	-742.71	-4.19	-552.03	-20.28
41432	63.04	1.65	-6.90	-430.62	186.04	-760.49	-6.66	-555.05	-13.16
41433	61.81	-1.65	-6.90	-498.75	152.79	-656.86	-1.11	-488.83	-35.52
41434	61.76	-0.55	-6.90	-506.73	153.82	-656.96	-2.61	-492.18	-25.53
41435	61.76	0.55	-6.90	-506.59	154.28	-666.18	-3.65	-495.98	-14.81
41436	61.81	1.65	-6.90	-498.31	154.20	-684.58	-5.03	-500.19	-3.99
41437	60.58	-1.65	-6.90	-575.94	108.44	-577.10	-4.45	-420.57	-38.48
41438	60.52	-0.55	-6.90	-583.97	107.30	-575.83	-3.98	-422.85	-23.97
41439	60.52	0.55	-6.90	-583.95	107.80	-584.52	-2.55	-426.75	-9.00
41440	60.58	1.65	-6.90	-575.88	109.96	-603.24	-1.94	-432.22	6.34
41441	59.34	-1.65	-6.90	-660.87	49.06	-507.69	-8.44	-336.91	-42.44
41442	59.28	-0.55	-6.90	-668.28	44.93	-505.11	-5.44	-338.01	-22.58
41443	59.28	0.55	-6.90	-668.47	45.48	-512.95	-1.16	-341.88	-2.87
41444	59.34	1.65	-6.90	-661.40	50.74	-531.30	2.01	-348.49	17.80
41445	77.83	-1.65	-8.30	-79.93	346.34	-803.36	8.23	-245.32	-48.44
41446	77.83	-0.55	-8.30	-78.64	351.69	-811.88	2.99	-246.82	-47.48
41447	77.83	0.55	-8.30	-76.75	354.54	-820.74	-2.29	-247.07	-45.97
41448	77.83	1.65	-8.30	-74.30	354.81	-829.95	-7.51	-246.06	-43.71
41449	76.60	-1.65	-8.30	-105.35	352.27	-842.48	7.77	-294.63	-46.93
41450	76.60	-0.55	-8.30	-104.38	357.72	-850.99	2.43	-296.91	-46.70
41451	76.60	0.55	-8.30	-102.52	360.55	-859.85	-2.94	-297.52	-45.95
41452	76.60	1.65	-8.30	-99.81	360.68	-869.06	-8.23	-296.43	-44.43
41453	75.37	-1.65	-8.30	-135.90	357.00	-876.88	7.51	-344.86	-44.94
41454	75.36	-0.55	-8.30	-135.38	362.51	-885.29	1.94	-347.94	-45.52
41455	75.36	0.55	-8.30	-133.58	365.30	-894.14	-3.65	-348.89	-45.62
41456	75.37	1.65	-8.30	-130.53	365.27	-903.43	-9.13	-347.72	-44.95
41457	74.14	-1.65	-8.30	-171.93	360.56	-905.70	7.52	-394.57	-42.52
41458	74.12	-0.55	-8.30	-172.01	366.14	-913.90	1.57	-398.40	-43.98
41459	74.12	0.55	-8.30	-170.29	368.85	-922.73	-4.41	-399.70	-44.98
41460	74.14	1.65	-8.30	-166.80	368.63	-932.21	-10.24	-398.45	-45.22
41461	72.90	-1.65	-8.30	-213.76	363.00	-928.03	7.86	-442.00	-39.78
41462	72.89	-0.55	-8.30	-214.59	368.63	-935.91	1.33	-446.52	-42.11
41463	72.89	0.55	-8.30	-212.97	371.26	-944.73	-5.25	-448.14	-44.01
41464	72.90	1.65	-8.30	-208.93	370.82	-954.51	-11.64	-446.85	-45.15
41465	71.67	-1.65	-8.30	-261.66	364.36	-942.96	8.60	-485.09	-36.85
41466	71.65	-0.55	-8.30	-263.39	370.03	-950.39	1.24	-490.18	-39.97
41467	71.65	0.55	-8.30	-261.89	372.55	-959.21	-6.17	-492.11	-42.69
41468	71.67	1.65	-8.30	-257.18	371.87	-969.43	-13.35	-490.85	-44.66
41469	70.44	-1.65	-8.30	-315.80	364.57	-949.63	9.74	-521.46	-33.90
41470	70.41	-0.55	-8.30	-318.59	370.25	-956.51	1.32	-526.97	-37.63
41471	70.41	0.55	-8.30	-317.22	372.66	-965.33	-7.17	-529.19	-40.98
41472	70.44	1.65	-8.30	-311.70	371.74	-976.10	-15.40	-528.07	-43.60
41473	69.20	-1.65	-8.30	-376.24	363.44	-947.33	11.25	-548.48	-31.10
41474	69.18	-0.55	-8.30	-380.21	369.09	-953.55	1.55	-554.23	-35.15
41475	69.18	0.55	-8.30	-378.97	371.39	-962.38	-8.25	-556.71	-38.85
41476	69.20	1.65	-8.30	-372.53	370.26	-973.83	-17.76	-555.89	-41.84
41477	67.97	-1.65	-8.30	-442.79	360.58	-935.56	13.06	-563.47	-28.66
41478	67.94	-0.55	-8.30	-448.05	366.13	-941.03	1.89	-569.20	-32.62
41479	67.94	0.55	-8.30	-446.95	368.31	-949.86	-9.36	-571.93	-36.25
41480	67.97	1.65	-8.30	-439.50	367.07	-962.09	-20.34	-571.60	-39.20
41481	66.74	-1.65	-8.30	-515.14	355.32	-914.04	14.98	-563.92	-26.78

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
41482	66.70	-0.55	-8.30	-521.72	360.62	-918.68	2.30	-569.39	-30.13
41483	66.70	0.55	-8.30	-520.77	362.70	-927.52	-10.46	-572.34	-33.16
41484	66.74	1.65	-8.30	-512.26	361.50	-940.60	-22.97	-572.71	-35.54
41485	65.51	-1.65	-8.30	-592.99	346.59	-882.59	16.76	-547.96	-25.64
41486	65.47	-0.55	-8.30	-600.86	351.45	-886.33	2.68	-552.93	-27.74
41487	65.47	0.55	-8.30	-600.04	353.44	-895.15	-11.44	-556.08	-29.53
41488	65.51	1.65	-8.30	-590.53	352.52	-909.10	-25.37	-557.36	-30.70
41489	64.27	-1.65	-8.30	-676.61	332.88	-840.79	18.03	-514.67	-25.44
41490	64.23	-0.55	-8.30	-685.64	337.00	-843.57	2.90	-518.90	-25.54
41491	64.23	0.55	-8.30	-684.97	338.92	-852.35	-12.16	-522.22	-25.34
41492	64.27	1.65	-8.30	-674.59	338.62	-867.13	-27.16	-524.60	-24.54
41493	63.04	-1.65	-8.30	-767.56	312.08	-788.03	18.31	-463.90	-26.33
41494	62.99	-0.55	-8.30	-777.49	315.05	-789.79	2.81	-467.23	-23.59
41495	62.99	0.55	-8.30	-776.97	316.93	-798.43	-12.42	-470.70	-20.55
41496	63.04	1.65	-8.30	-765.99	317.70	-813.96	-27.81	-474.29	-16.94
41497	61.81	-1.65	-8.30	-868.74	281.37	-724.77	17.04	-395.83	-28.50
41498	61.76	-0.55	-8.30	-879.18	282.64	-725.46	2.22	-398.10	-21.98
41499	61.76	0.55	-8.30	-878.83	284.49	-733.84	-12.01	-401.69	-15.16
41500	61.81	1.65	-8.30	-867.66	286.93	-749.93	-26.74	-406.55	-7.78
41501	60.58	-1.65	-8.30	-982.81	237.23	-655.39	13.75	-311.35	-32.27
41502	60.52	-0.55	-8.30	-993.18	236.21	-655.09	1.01	-312.48	-20.84
41503	60.52	0.55	-8.30	-993.01	238.04	-663.04	-10.77	-316.10	-9.12
41504	60.58	1.65	-8.30	-982.28	242.73	-679.26	-23.39	-322.16	3.16
41505	59.34	-1.65	-8.30	-1110.45	175.52	-592.00	8.34	-213.96	-38.31
41506	59.28	-0.55	-8.30	-1120.16	171.77	-591.04	-0.79	-213.95	-20.46
41507	59.28	0.55	-8.30	-1120.19	173.57	-598.34	-8.63	-217.45	-2.32
41508	59.34	1.65	-8.30	-1110.53	180.90	-613.95	-17.59	-224.43	16.35
41509	58.31	-1.65	-2.70	1397.17	-218.92	-118.56	14.65	-127.63	12.72
41510	58.25	-0.55	-2.70	1475.25	-215.06	-56.32	9.71	-72.60	3.12
41511	58.25	0.55	-2.70	1471.53	-218.90	-61.44	13.26	-77.98	-4.68
41512	58.31	1.65	-2.70	1388.20	-231.77	-131.88	5.48	-144.96	-14.10
41513	57.46	-1.65	-2.70	1537.33	-405.44	-197.05	7.81	-27.89	121.05
41514	57.40	-0.55	-2.70	1616.17	-358.17	-47.50	10.18	-27.03	25.78
41515	57.40	0.55	-2.70	1615.96	-359.49	-47.82	8.96	-28.78	-24.53
41516	57.46	1.65	-2.70	1536.70	-410.03	-192.75	7.55	-36.87	-119.09
41517	56.62	-1.65	-2.70	1523.29	-578.77	-392.64	25.58	78.99	228.58
41518	56.56	-0.55	-2.70	1577.25	-414.16	-94.46	35.50	43.46	39.45
41519	56.56	0.55	-2.70	1578.27	-414.33	-94.85	-22.53	41.97	-34.21
41520	56.62	1.65	-2.70	1526.86	-577.28	-381.29	-14.94	72.03	-219.92
41521	55.78	-1.65	-2.70	1351.68	-739.55	-669.01	244.75	280.86	386.57
41522	55.72	-0.55	-2.70	1174.61	-286.77	-149.46	174.40	160.55	121.50
41523	55.72	0.55	-2.70	1178.26	-282.92	-148.90	-170.68	158.39	-110.91
41524	55.78	1.65	-2.70	1361.02	-732.40	-651.30	-240.96	273.95	-371.32
41525	54.93	-1.65	-2.70	916.40	-901.48	-1261.50	600.01	622.32	1435.84
41526	54.88	-0.55	-2.70	406.86	-369.21	-333.00	196.07	62.10	294.67
41527	54.88	0.55	-2.70	407.40	-359.86	-332.66	-196.40	61.19	-278.56
41528	54.93	1.65	-2.70	934.26	-865.77	-1233.82	-612.11	613.19	-1404.13
41529	58.31	-1.65	-4.10	468.20	-200.75	-261.23	-52.84	-284.55	-19.28
41530	58.25	-0.55	-4.10	468.35	-220.39	-227.35	-13.84	-289.82	-4.52
41531	58.25	0.55	-4.10	467.16	-222.98	-233.14	17.96	-295.14	-6.88
41532	58.31	1.65	-4.10	464.03	-208.63	-281.12	58.12	-299.71	6.34
41533	57.46	-1.65	-4.10	577.11	-294.27	-320.08	-38.00	-65.34	29.73
41534	57.40	-0.55	-4.10	592.66	-348.22	-240.73	-11.29	-72.85	26.28
41535	57.40	0.55	-4.10	591.12	-350.45	-242.56	16.01	-77.07	-28.19
41536	57.46	1.65	-4.10	571.88	-301.96	-330.44	43.78	-77.25	-35.57
41537	56.62	-1.65	-4.10	596.99	-396.19	-546.02	-12.21	165.06	71.86
41538	56.56	-0.55	-4.10	597.23	-468.40	-409.53	-0.76	146.84	50.74
41539	56.56	0.55	-4.10	596.65	-470.04	-408.80	4.30	143.75	-43.93
41540	56.62	1.65	-4.10	593.55	-403.26	-550.31	16.94	156.71	-71.30
41541	55.78	-1.65	-4.10	528.20	-463.77	-888.87	67.29	504.08	161.68
41542	55.72	-0.55	-4.10	429.36	-560.46	-644.17	37.83	405.32	168.44
41543	55.72	0.55	-4.10	429.85	-561.41	-641.84	-36.85	402.07	-151.27
41544	55.78	1.65	-4.10	526.66	-470.80	-889.86	-64.26	496.78	-154.06
41545	54.93	-1.65	-4.10	401.76	-489.13	-1431.05	181.13	866.68	1139.18
41546	54.88	-0.55	-4.10	108.59	-863.80	-1062.99	13.60	298.12	434.00
41547	54.88	0.55	-4.10	109.21	-863.27	-1058.87	-14.25	296.09	-407.14
41548	54.93	1.65	-4.10	403.26	-495.37	-1429.33	-181.05	859.31	-1120.44
41549	58.31	-1.65	-5.50	-173.59	-132.04	-388.65	-28.57	-286.64	-38.91
41550	58.25	-0.55	-5.50	-176.02	-143.78	-376.61	-11.83	-289.84	-16.40
41551	58.25	0.55	-5.50	-176.92	-144.69	-383.22	9.50	-294.02	0.05
41552	58.31	1.65	-5.50	-176.28	-134.02	-409.00	26.72	-298.91	22.86
41553	57.46	-1.65	-5.50	-170.07	-234.24	-478.09	-22.17	-96.58	-32.20
41554	57.40	-0.55	-5.50	-169.87	-258.98	-456.07	-9.84	-99.57	-7.85
41555	57.40	0.55	-5.50	-171.19	-259.90	-460.51	8.50	-103.10	0.91
41556	57.46	1.65	-5.50	-173.89	-235.50	-492.23	21.41	-106.67	24.95
41557	56.62	-1.65	-5.50	-123.98	-338.10	-738.52	-12.22	152.10	-28.12
41558	56.56	-0.55	-5.50	-116.16	-377.88	-700.62	-6.69	155.43	-6.28
41559	56.56	0.55	-5.50	-117.83	-378.76	-703.41	7.24	152.58	8.70
41560	56.62	1.65	-5.50	-128.52	-338.71	-748.21	13.03	144.30	29.05
41561	55.78	-1.65	-5.50	-62.60	-418.69	-1112.84	-6.38	513.35	0.54
41562	55.72	-0.55	-5.50	-50.97	-495.99	-1040.60	-7.87	469.37	71.76
41563	55.72	0.55	-5.50	-52.78	-497.27	-1042.92	10.55	466.39	-58.51
41564	55.78	1.65	-5.50	-67.36	-418.77	-1121.40	9.02	506.33	8.60
41565	54.93	-1.65	-5.50	-15.94	-506.30	-1517.59	-4.63	859.18	856.65
41566	54.88	-0.55	-5.50	-13.52	-598.93	-1369.51	-5.33	365.86	251.90
41567	54.88	0.55	-5.50	-14.37	-601.64	-1372.31	7.44	364.33	-229.19
41568	54.93	1.65	-5.50	-19.80	-510.13	-1529.66	8.75	851.69	-834.80
41569	58.31	-1.65	-6.90	-753.45	-38.52	-486.16	-11.48	-225.87	-48.39
41570	58.25	-0.55	-6.90	-759.34	-46.69	-482.69	-6.43	-225.75	-21.50
41571	58.25	0.55	-6.90	-759.83	-46.07	-489.21	0.26	-229.30	4.33
41572	58.31	1.65	-6.90	-754.90	-36.65	-505.83	5.51	-236.49	32.03
41573	57.46	-1.65	-6.90	-823.54	-155.95	-590.27	-11.53	-91.05	-60.26
41574	57.40	-0.55	-6.90	-824.92	-170.88	-586.27	-6.59	-90.72	-21.39
41575	57.40	0.55	-6.90	-825.79	-170.22	-591.15	1.98	-93.58	12.80
41576	57.46	1.65	-6.90	-826.10	-153.92	-605.03	7.11	-99.51	52.34
41577	56.62	-1.65	-6.90	-804.24	-279.82	-898.55	-18.30	62.24	-74.77
41578	56.56	-0.55	-6.90	-781.26	-319.43	-896.49	-13.43	67.89	-28.09
41579	56.56	0.55	-6.90	-782.76	-318.49	-899.81	12.25	65.65	27.63
41580	56.62	1.65	-6.90	-808.35	-277.63	-908.90	16.79	55.74	74.65

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
41581	55.78	-1.65	-6.90	-642.48	-379.92	-1352.92	-89.38	355.29	-67.52
41582	55.72	-0.55	-6.90	-505.27	-485.02	-1332.51	-56.38	322.05	32.55
41583	55.72	0.55	-6.90	-508.09	-484.86	-1335.87	61.20	319.10	-22.10
41584	55.78	1.65	-6.90	-649.10	-377.13	-1362.68	92.70	347.98	76.36
41585	54.93	-1.65	-6.90	-414.99	-487.13	-1661.42	-224.09	760.16	693.92
41586	54.88	-0.55	-6.90	-115.91	-453.91	-1461.53	-38.36	319.94	186.11
41587	54.88	0.55	-6.90	-116.79	-455.78	-1466.32	42.83	318.22	-164.24
41588	54.93	1.65	-6.90	-422.50	-493.53	-1679.02	232.19	750.40	-667.75
41589	58.31	-1.65	-8.30	-1263.90	79.37	-560.88	0.95	-102.79	-48.96
41590	58.25	-0.55	-8.30	-1271.55	72.69	-560.12	-3.13	-101.85	-21.52
41591	58.25	0.55	-8.30	-1271.77	74.39	-566.44	-5.48	-104.98	6.33
41592	58.31	1.65	-8.30	-1264.58	84.46	-579.93	-9.31	-112.17	34.58
41593	57.46	-1.65	-8.30	-1434.37	-60.37	-626.32	-8.47	-4.48	-69.12
41594	57.40	-0.55	-8.30	-1436.58	-71.69	-626.84	-6.26	-3.57	-25.32
41595	57.40	0.55	-8.30	-1436.94	-70.18	-631.83	-0.71	-5.95	17.40
41596	57.46	1.65	-8.30	-1435.39	-55.78	-641.45	1.81	-11.62	62.00
41597	56.62	-1.65	-8.30	-1566.94	-226.09	-899.43	-29.27	19.52	-93.83
41598	56.56	-0.55	-8.30	-1537.81	-266.87	-906.19	-20.68	18.23	-33.27
41599	56.56	0.55	-8.30	-1538.51	-265.35	-909.48	16.98	16.76	31.02
41600	56.62	1.65	-8.30	-1568.71	-222.04	-909.56	25.49	15.08	92.36
41601	55.78	-1.65	-8.30	-1523.59	-394.97	-1502.52	-145.25	48.51	-80.42
41602	55.72	-0.55	-8.30	-1323.16	-528.48	-1500.41	-87.71	-15.98	14.41
41603	55.72	0.55	-8.30	-1325.41	-527.74	-1502.03	91.50	-17.82	-10.09
41604	55.78	1.65	-8.30	-1528.71	-391.49	-1508.11	147.86	43.52	84.74
41605	54.93	-1.65	-8.30	-1036.72	-506.32	-1939.52	-362.71	420.65	498.21
41606	54.88	-0.55	-8.30	-520.70	-451.37	-1638.73	-67.22	21.75	138.27
41607	54.88	0.55	-8.30	-522.77	-454.30	-1644.55	79.91	18.72	-114.31
41608	54.93	1.65	-8.30	-1044.92	-513.85	-1957.44	377.53	407.80	-469.25
41609	97.48	2.50	-2.70	53.19	-152.02	-19.22	-35.10	13.14	29.94
41610	97.39	3.10	-2.70	49.50	-160.22	-36.08	-39.14	16.98	38.31
41611	96.25	2.50	-2.70	29.82	-127.97	-82.91	-23.50	34.01	26.06
41612	96.17	3.10	-2.70	26.79	-134.59	-99.36	-25.93	36.06	34.88
41613	95.02	2.50	-2.70	19.20	-110.63	-143.02	-18.79	51.95	20.58
41614	94.95	3.10	-2.70	16.77	-116.49	-158.11	-20.75	53.65	29.26
41615	93.79	2.50	-2.70	15.59	-96.00	-204.73	-15.92	67.42	16.67
41616	93.73	3.10	-2.70	13.61	-101.47	-219.05	-17.65	68.78	25.45
41617	92.57	2.50	-2.70	17.01	-83.07	-270.04	-13.67	79.47	13.71
41618	92.50	3.10	-2.70	15.35	-88.32	-283.72	-15.26	80.52	22.73
41619	91.34	2.50	-2.70	22.60	-71.42	-339.22	-11.63	87.45	11.35
41620	91.28	3.10	-2.70	21.17	-76.54	-352.32	-13.10	88.20	20.72
41621	90.11	2.50	-2.70	31.93	-60.84	-412.16	-9.64	90.69	9.38
41622	90.06	3.10	-2.70	30.66	-65.90	-424.71	-10.95	91.17	19.18
41623	88.88	2.50	-2.70	44.77	-51.27	-488.49	-7.59	88.54	7.70
41624	88.84	3.10	-2.70	43.57	-56.29	-500.51	-8.70	88.76	18.00
41625	87.66	2.50	-2.70	60.88	-42.70	-567.64	-5.44	80.34	6.26
41626	87.62	3.10	-2.70	59.71	-47.71	-579.13	-6.29	80.35	17.08
41627	86.43	2.50	-2.70	80.05	-35.14	-648.80	-3.16	65.53	5.02
41628	86.39	3.10	-2.70	78.83	-40.16	-659.75	-3.68	65.37	16.38
41629	85.20	2.50	-2.70	102.00	-28.66	-730.96	-0.73	43.68	3.98
41630	85.17	3.10	-2.70	100.67	-33.69	-741.37	-0.81	43.39	15.88
41631	83.97	2.50	-2.70	126.40	-23.29	-812.91	1.90	14.49	3.16
41632	83.95	3.10	-2.70	124.88	-28.35	-822.77	2.35	14.14	15.55
41633	82.75	2.50	-2.70	152.86	-19.09	-893.24	4.76	-22.12	2.55
41634	82.73	3.10	-2.70	151.07	-24.19	-902.55	5.85	-22.46	15.40
41635	81.52	2.50	-2.70	180.95	-16.10	-970.39	7.90	-66.00	2.17
41636	81.51	3.10	-2.70	178.82	-21.26	-979.16	9.75	-66.22	15.39
41637	80.29	2.50	-2.70	210.24	-14.35	-1042.65	11.37	-116.71	2.00
41638	80.28	3.10	-2.70	207.70	-19.59	-1050.90	14.10	-116.73	15.51
41639	79.06	2.50	-2.70	240.31	-13.86	-1108.25	15.22	-173.56	2.03
41640	79.06	3.10	-2.70	237.30	-19.21	-1116.04	18.95	-173.25	15.70
41641	97.48	2.50	-4.10	21.19	-103.10	-34.35	-19.03	20.67	4.92
41642	97.39	3.10	-4.10	21.13	-107.19	-47.89	-20.85	24.86	9.61
41643	96.25	2.50	-4.10	16.36	-81.46	-85.38	-17.28	39.80	5.63
41644	96.17	3.10	-4.10	15.90	-85.88	-99.88	-19.10	42.17	11.18
41645	95.02	2.50	-4.10	12.14	-62.95	-142.05	-15.12	53.16	4.11
41646	94.95	3.10	-4.10	11.34	-67.33	-156.05	-16.82	54.68	10.15
41647	93.79	2.50	-4.10	10.56	-46.68	-200.28	-13.52	63.93	1.99
41648	93.73	3.10	-4.10	9.70	-50.99	-213.61	-15.16	65.07	8.38
41649	92.57	2.50	-4.10	12.02	-31.97	-261.02	-12.15	71.89	-0.06
41650	92.50	3.10	-4.10	11.20	-36.25	-273.75	-13.74	72.74	6.68
41651	91.34	2.50	-4.10	16.40	-18.49	-324.62	-10.81	76.22	-1.94
41652	91.28	3.10	-4.10	15.63	-22.77	-336.79	-12.35	76.82	5.17
41653	90.11	2.50	-4.10	23.49	-6.10	-391.06	-9.43	76.18	-3.65
41654	90.06	3.10	-4.10	22.76	-10.40	-402.69	-10.87	76.56	3.85
41655	88.88	2.50	-4.10	33.10	5.27	-460.06	-7.94	71.10	-5.22
41656	88.84	3.10	-4.10	32.38	0.93	-471.15	-9.25	71.28	2.70
41657	87.66	2.50	-4.10	45.03	15.62	-531.16	-6.33	60.37	-6.65
41658	87.62	3.10	-4.10	44.28	11.24	-541.72	-7.44	60.38	1.69
41659	86.43	2.50	-4.10	59.01	24.93	-603.73	-4.58	43.51	-7.94
41660	86.39	3.10	-4.10	58.21	20.49	-613.75	-5.43	43.40	0.81
41661	85.20	2.50	-4.10	74.77	33.14	-676.96	-2.67	20.14	-9.10
41662	85.17	3.10	-4.10	73.87	28.64	-686.46	-3.18	19.96	0.04
41663	83.97	2.50	-4.10	91.98	40.20	-749.88	-0.58	-9.94	-10.12
41664	83.95	3.10	-4.10	90.92	35.63	-758.86	-0.67	-10.11	-0.64
41665	82.75	2.50	-4.10	110.25	46.05	-821.38	1.71	-46.75	-11.01
41666	82.73	3.10	-4.10	108.99	41.40	-829.85	2.13	-46.84	-1.24
41667	81.52	2.50	-4.10	129.19	50.64	-890.19	4.23	-90.10	-11.77
41668	81.51	3.10	-4.10	127.69	45.92	-898.19	5.25	-90.02	-1.79
41669	80.29	2.50	-4.10	148.39	53.94	-954.97	7.00	-139.57	-12.41
41670	80.28	3.10	-4.10	146.61	49.12	-962.53	8.71	-139.22	-2.33
41671	79.06	2.50	-4.10	167.45	55.93	-1014.26	10.04	-194.49	-12.96
41672	79.06	3.10	-4.10	165.36	51.00	-1021.47	12.52	-193.77	-2.87
41673	97.48	2.50	-5.50	1.26	-37.28	-48.87	-7.45	20.60	-1.86
41674	97.39	3.10	-5.50	1.62	-38.71	-60.06	-8.45	24.80	1.65
41675	96.25	2.50	-5.50	0.88	-18.31	-92.12	-9.13	37.67	-4.14
41676	96.17	3.10	-5.50	1.46	-20.35	-104.62	-10.40	40.73	-0.17
41677	95.02	2.50	-5.50	1.52	-0.27	-142.80	-9.71	50.35	-6.13
41678	94.95	3.10	-5.50	1.91	-2.72	-155.48	-11.16	52.43	-1.80
41679	93.79	2.50	-5.50	2.61	16.62	-196.87	-9.78	59.17	-8.18

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
41680	93.73	3.10	-5.50	2.79	13.93	-209.20	-11.34	60.63	-3.53
41681	92.57	2.50	-5.50	4.79	32.48	-253.12	-9.60	64.68	-10.20
41682	92.50	3.10	-5.50	4.84	29.61	-264.95	-11.24	65.72	-5.24
41683	91.34	2.50	-5.50	8.41	47.40	-311.49	-9.22	66.57	-12.11
41684	91.28	3.10	-5.50	8.38	44.38	-322.79	-10.90	67.31	-6.85
41685	90.11	2.50	-5.50	13.55	61.41	-371.91	-8.65	64.30	-13.91
41686	90.06	3.10	-5.50	13.46	58.26	-382.67	-10.32	64.79	-8.34
41687	88.88	2.50	-5.50	20.13	74.52	-434.19	-7.90	57.27	-15.60
41688	88.84	3.10	-5.50	20.00	71.23	-444.42	-9.53	57.56	-9.72
41689	87.66	2.50	-5.50	27.98	86.67	-497.98	-6.99	44.98	-17.17
41690	87.62	3.10	-5.50	27.79	83.27	-507.69	-8.51	45.11	-10.99
41691	86.43	2.50	-5.50	36.86	97.82	-562.82	-5.92	27.01	-18.64
41692	86.39	3.10	-5.50	36.60	94.31	-572.02	-7.27	27.04	-12.18
41693	85.20	2.50	-5.50	46.47	107.91	-628.10	-4.70	3.06	-19.99
41694	85.17	3.10	-5.50	46.12	104.29	-636.79	-5.82	3.05	-13.28
41695	83.97	2.50	-5.50	56.45	116.85	-693.06	-3.32	-27.02	-21.25
41696	83.95	3.10	-5.50	56.01	113.13	-701.26	-4.16	-26.99	-14.33
41697	82.75	2.50	-5.50	66.44	124.60	-756.84	-1.79	-63.20	-22.42
41698	82.73	3.10	-5.50	65.87	120.77	-764.59	-2.27	-63.07	-15.35
41699	81.52	2.50	-5.50	76.02	131.08	-818.46	-0.09	-105.28	-23.51
41700	81.51	3.10	-5.50	75.31	127.14	-825.80	-0.16	-104.95	-16.37
41701	80.29	2.50	-5.50	84.79	136.26	-876.86	1.76	-152.84	-24.53
41702	80.28	3.10	-5.50	83.93	132.21	-883.84	2.16	-152.22	-17.42
41703	79.06	2.50	-5.50	92.34	140.10	-930.90	3.76	-205.25	-25.51
41704	79.06	3.10	-5.50	91.35	135.94	-937.60	4.70	-204.25	-18.51
41705	97.48	2.50	-6.90	-9.63	35.86	-59.94	-2.39	19.61	-3.42
41706	97.39	3.10	-6.90	-9.14	35.95	-69.52	-3.50	23.46	-0.44
41707	96.25	2.50	-6.90	-9.29	54.48	-99.74	-4.14	33.64	-7.37
41708	96.17	3.10	-6.90	-8.45	54.10	-110.43	-5.52	36.90	-4.19
41709	95.02	2.50	-6.90	-7.65	72.77	-145.48	-5.55	45.04	-10.70
41710	94.95	3.10	-6.90	-6.75	71.97	-156.61	-7.15	47.57	-7.35
41711	93.79	2.50	-6.90	-5.50	90.53	-194.93	-6.56	52.96	-13.59
41712	93.73	3.10	-6.90	-4.67	89.38	-206.00	-8.34	54.86	-10.07
41713	92.57	2.50	-6.90	-3.01	107.67	-246.64	-7.25	57.29	-16.18
41714	92.50	3.10	-6.90	-2.30	106.24	-257.40	-9.17	58.70	-12.49
41715	91.34	2.50	-6.90	-0.10	124.14	-300.06	-7.66	57.89	-18.55
41716	91.28	3.10	-6.90	0.52	122.49	-310.37	-9.70	58.93	-14.68
41717	90.11	2.50	-6.90	3.31	139.91	-354.95	-7.85	54.40	-20.72
41718	90.06	3.10	-6.90	3.85	138.06	-364.78	-9.96	55.15	-16.67
41719	88.88	2.50	-6.90	7.16	154.91	-411.15	-7.84	46.42	-22.72
41720	88.84	3.10	-6.90	7.63	152.87	-420.48	-9.98	46.93	-18.50
41721	87.66	2.50	-6.90	11.25	169.05	-468.40	-7.67	33.53	-24.58
41722	87.62	3.10	-6.90	11.67	166.85	-477.24	-9.79	33.87	-20.18
41723	86.43	2.50	-6.90	15.33	182.26	-526.37	-7.34	15.41	-26.30
41724	86.39	3.10	-6.90	15.70	179.91	-534.72	-9.40	15.64	-21.74
41725	85.20	2.50	-6.90	19.07	194.45	-584.61	-6.89	-8.18	-27.90
41726	85.17	3.10	-6.90	19.38	191.95	-592.51	-8.84	-7.98	-23.22
41727	83.97	2.50	-6.90	22.06	205.53	-642.59	-6.33	-37.31	-29.40
41728	83.95	3.10	-6.90	22.33	202.89	-650.05	-8.13	-37.09	-24.63
41729	82.75	2.50	-6.90	23.91	215.42	-699.66	-5.67	-71.97	-30.81
41730	82.73	3.10	-6.90	24.13	212.66	-706.71	-7.28	-71.63	-26.02
41731	81.52	2.50	-6.90	24.16	224.06	-755.09	-4.94	-111.91	-32.17
41732	81.51	3.10	-6.90	24.35	221.18	-761.78	-6.31	-111.38	-27.41
41733	80.29	2.50	-6.90	22.38	231.41	-808.07	-4.15	-156.76	-33.47
41734	80.28	3.10	-6.90	22.56	228.40	-814.46	-5.26	-155.95	-28.82
41735	79.06	2.50	-6.90	18.14	237.42	-857.72	-3.32	-205.91	-34.73
41736	79.06	3.10	-6.90	18.36	234.29	-863.88	-4.14	-204.74	-30.28
41737	97.48	2.50	-8.30	-16.34	113.59	-68.27	-0.63	17.02	-2.89
41738	97.39	3.10	-8.30	-15.71	114.63	-76.66	-2.31	20.46	-0.28
41739	96.25	2.50	-8.30	-15.87	133.32	-106.39	-1.95	28.67	-7.56
41740	96.17	3.10	-8.30	-14.91	134.06	-115.58	-3.87	31.82	-4.90
41741	95.02	2.50	-8.30	-14.34	152.90	-148.80	-3.29	38.54	-11.68
41742	94.95	3.10	-8.30	-13.20	153.34	-158.41	-5.44	41.23	-8.98
41743	93.79	2.50	-8.30	-12.27	172.21	-194.23	-4.55	45.62	-15.30
41744	93.73	3.10	-8.30	-11.07	172.36	-203.91	-6.89	47.80	-12.56
41745	92.57	2.50	-8.30	-10.05	191.13	-241.67	-5.65	49.36	-18.51
41746	92.50	3.10	-8.30	-8.87	191.03	-251.17	-8.17	51.08	-15.73
41747	91.34	2.50	-8.30	-7.91	209.58	-290.50	-6.58	49.46	-21.40
41748	91.28	3.10	-8.30	-6.76	209.25	-299.67	-9.25	50.79	-18.57
41749	90.11	2.50	-8.30	-5.97	227.47	-340.39	-7.35	45.64	-24.00
41750	90.06	3.10	-8.30	-4.87	226.94	-349.16	-10.14	46.65	-21.12
41751	88.88	2.50	-8.30	-4.43	244.70	-391.17	-7.97	37.61	-26.36
41752	88.84	3.10	-8.30	-3.37	243.97	-399.50	-10.85	38.36	-23.43
41753	87.66	2.50	-8.30	-3.56	261.14	-442.65	-8.47	25.06	-28.51
41754	87.62	3.10	-8.30	-2.52	260.25	-450.54	-11.41	25.62	-25.53
41755	86.43	2.50	-8.30	-3.71	276.71	-494.61	-8.88	7.76	-30.48
41756	86.39	3.10	-8.30	-2.68	275.65	-502.06	-11.84	8.19	-27.47
41757	85.20	2.50	-8.30	-5.29	291.28	-546.74	-9.22	-14.45	-32.30
41758	85.17	3.10	-8.30	-4.27	290.07	-553.78	-12.18	-14.07	-29.27
41759	83.97	2.50	-8.30	-8.77	304.76	-598.67	-9.52	-41.64	-33.99
41760	83.95	3.10	-8.30	-7.73	303.41	-605.32	-12.46	-41.24	-30.97
41761	82.75	2.50	-8.30	-14.65	317.07	-649.95	-9.81	-73.73	-35.58
41762	82.73	3.10	-8.30	-13.57	315.58	-656.25	-12.71	-73.24	-32.63
41763	81.52	2.50	-8.30	-23.44	328.13	-700.07	-10.12	-110.53	-37.10
41764	81.51	3.10	-8.30	-22.28	326.50	-706.06	-12.95	-109.87	-34.26
41765	80.29	2.50	-8.30	-35.64	337.87	-748.44	-10.46	-151.66	-38.56
41766	80.28	3.10	-8.30	-34.34	336.11	-754.18	-13.24	-150.75	-35.89
41767	79.06	2.50	-8.30	-51.71	346.28	-794.43	-10.89	-196.58	-39.97
41768	79.06	3.10	-8.30	-50.23	344.37	-799.98	-13.61	-195.36	-37.54
41769	101.90	2.50	-2.70	7.00	-272.91	2.30	15.69	-2.49	9.60
41770	101.82	3.10	-2.70	6.32	-271.74	2.30	20.64	-3.02	10.44
41771	101.05	2.50	-2.70	28.72	-271.64	2.47	2.15	-6.65	5.44
41772	100.97	3.10	-2.70	29.15	-271.49	2.39	5.98	-6.86	5.85
41773	100.20	2.50	-2.70	53.81	-259.86	2.04	-10.10	-10.37	3.82
41774	100.13	3.10	-2.70	54.72	-261.11	1.79	-7.57	-10.20	4.13
41775	99.36	2.50	-2.70	79.42	-237.13	1.90	-24.28	-13.79	1.13
41776	99.28	3.10	-2.70	79.54	-240.39	1.75	-23.90	-12.54	1.30
41777	98.51	2.50	-2.70	97.86	-195.49	10.52	-50.13	-20.08	13.02
41778	98.43	3.10	-2.70	94.01	-204.34	1.89	-55.22	-13.34	16.96

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
41779	101.90	2.50	-4.10	5.59	-196.31	12.94	14.27	-7.16	22.64
41780	101.82	3.10	-4.10	4.77	-194.74	12.93	18.08	-8.09	25.56
41781	101.05	2.50	-4.10	20.15	-190.22	11.06	6.55	-14.84	14.51
41782	100.97	3.10	-4.10	19.52	-189.35	10.57	9.56	-14.97	16.66
41783	100.20	2.50	-4.10	32.70	-177.27	8.10	-0.88	-20.25	9.11
41784	100.13	3.10	-4.10	31.67	-177.29	7.15	1.06	-19.18	10.91
41785	99.36	2.50	-4.10	38.71	-156.29	7.00	-9.11	-21.38	5.54
41786	99.28	3.10	-4.10	36.72	-157.74	3.69	-8.84	-17.66	7.78
41787	98.51	2.50	-4.10	28.90	-129.24	-2.49	-15.31	-6.62	3.87
41788	98.43	3.10	-4.10	27.99	-132.09	-11.33	-16.37	-0.89	7.31
41789	101.90	2.50	-5.50	2.75	-128.05	30.30	10.77	-9.34	30.03
41790	101.82	3.10	-5.50	2.03	-126.47	29.94	13.28	-10.33	33.70
41791	101.05	2.50	-5.50	9.70	-116.77	23.01	7.35	-17.28	20.88
41792	100.97	3.10	-5.50	8.84	-115.51	21.86	9.38	-17.11	23.73
41793	100.20	2.50	-5.50	13.31	-101.43	15.30	3.36	-20.39	13.52
41794	100.13	3.10	-5.50	12.04	-100.72	13.03	4.59	-18.68	15.95
41795	99.36	2.50	-5.50	10.92	-81.81	5.07	-0.61	-15.51	7.15
41796	99.28	3.10	-5.50	9.71	-81.72	0.50	-0.27	-11.95	9.63
41797	98.51	2.50	-5.50	5.43	-58.90	-15.49	-4.46	0.33	1.72
41798	98.43	3.10	-5.50	4.94	-59.59	-23.65	-4.95	4.99	4.66
41799	101.90	2.50	-6.90	0.58	-63.54	49.69	6.52	-9.10	33.50
41800	101.82	3.10	-6.90	0.09	-62.10	48.74	7.76	-10.08	37.71
41801	101.05	2.50	-6.90	1.74	-47.09	35.37	5.60	-15.83	24.64
41802	100.97	3.10	-6.90	1.11	-45.68	33.43	6.57	-15.49	28.07
41803	100.20	2.50	-6.90	0.27	-28.55	20.80	3.97	-16.67	16.48
41804	100.13	3.10	-6.90	-0.55	-27.37	17.61	4.39	-14.93	19.39
41805	99.36	2.50	-6.90	-3.49	-7.68	2.25	2.01	-10.33	8.88
41806	99.28	3.10	-6.90	-4.17	-6.77	-2.80	1.85	-7.23	11.61
41807	98.51	2.50	-6.90	-7.61	14.91	-25.20	-0.21	3.50	1.92
41808	98.43	3.10	-6.90	-7.71	15.45	-32.73	-0.92	7.43	4.71
41809	101.90	2.50	-8.30	-0.91	-1.37	68.13	1.69	-7.69	34.31
41810	101.82	3.10	-8.30	-1.06	-0.28	66.66	1.64	-8.81	38.65
41811	101.05	2.50	-8.30	-3.61	20.70	47.28	2.23	-12.93	26.43
41812	100.97	3.10	-8.30	-3.92	22.08	44.52	2.10	-12.53	30.03
41813	100.20	2.50	-8.30	-7.55	43.32	26.04	2.18	-13.17	18.28
41814	100.13	3.10	-8.30	-7.97	44.71	22.25	1.62	-11.59	21.33
41815	99.36	2.50	-8.30	-11.75	66.96	0.57	1.66	-7.44	10.41
41816	99.28	3.10	-8.30	-11.99	68.32	-4.67	0.69	-4.78	13.15
41817	98.51	2.50	-8.30	-14.99	91.37	-32.05	0.67	4.00	3.04
41818	98.43	3.10	-8.30	-14.82	92.62	-39.02	-0.69	7.34	5.64
41819	77.84	2.50	-2.70	270.81	-14.58	-1165.39	19.47	-235.55	2.22
41820	77.84	3.10	-2.70	267.28	-20.07	-1172.82	24.30	-234.81	15.94
41821	76.61	2.50	-2.70	301.46	-16.42	-1212.31	24.08	-301.44	2.55
41822	76.62	3.10	-2.70	297.39	-22.11	-1219.52	30.13	-300.16	16.18
41823	75.38	2.50	-2.70	332.08	-19.25	-1247.33	29.00	-369.78	2.99
41824	75.39	3.10	-2.70	327.49	-25.20	-1254.51	36.33	-367.87	16.40
41825	74.15	2.50	-2.70	362.57	-22.80	-1288.83	34.09	-439.00	3.58
41826	74.17	3.10	-2.70	357.52	-29.12	-1276.22	42.76	-436.40	16.64
41827	72.93	2.50	-2.70	392.80	-26.73	-1275.22	39.13	-507.47	4.42
41828	72.95	3.10	-2.70	387.43	-33.54	-1283.12	49.15	-504.17	17.04
41829	71.70	2.50	-2.70	422.44	-30.59	-1264.86	43.87	-573.55	5.72
41830	71.73	3.10	-2.70	416.95	-38.04	-1273.60	55.19	-569.61	17.86
41831	70.47	2.50	-2.70	450.70	-33.87	-1235.89	48.09	-635.45	7.83
41832	70.51	3.10	-2.70	445.36	-42.11	-1245.80	60.58	-631.04	19.55
41833	69.24	2.50	-2.70	476.00	-36.06	-1186.14	51.71	-690.97	11.22
41834	69.28	3.10	-2.70	471.10	-45.17	-1197.59	65.16	-686.37	22.73
41835	68.02	2.50	-2.70	495.85	-37.02	-1113.34	55.05	-736.79	16.37
41836	68.06	3.10	-2.70	491.56	-46.86	-1126.66	69.21	-732.34	28.05
41837	66.79	2.50	-2.70	507.23	-37.50	-1015.94	59.00	-767.42	23.50
41838	66.84	3.10	-2.70	503.38	-47.56	-1031.42	73.84	-763.46	35.91
41839	65.56	2.50	-2.70	508.53	-40.20	-895.29	64.78	-774.17	32.24
41840	65.62	3.10	-2.70	504.45	-49.60	-913.29	81.11	-770.79	45.82
41841	64.33	2.50	-2.70	504.27	-51.06	-759.71	72.42	-745.75	41.96
41842	64.40	3.10	-2.70	499.07	-59.08	-780.88	93.28	-742.58	55.99
41843	63.11	2.50	-2.70	512.66	-78.55	-628.45	77.85	-674.51	54.21
41844	63.17	3.10	-2.70	506.63	-86.33	-653.95	110.23	-671.21	64.64
41845	61.88	2.50	-2.70	568.50	-126.75	-524.84	74.50	-571.95	77.51
41846	61.95	3.10	-2.70	564.51	-136.93	-554.80	127.64	-570.52	75.38
41847	60.65	2.50	-2.70	704.22	-177.69	-441.35	67.60	-476.82	121.90
41848	60.73	3.10	-2.70	703.09	-196.90	-470.42	149.41	-483.01	102.12
41849	59.42	2.50	-2.70	919.14	-183.65	-320.39	76.47	-397.80	125.60
41850	59.51	3.10	-2.70	931.65	-197.23	-361.71	204.60	-406.41	134.34
41851	77.84	2.50	-4.10	186.02	56.63	-1066.61	13.33	-253.96	-13.43
41852	77.84	3.10	-4.10	183.61	51.56	-1073.56	16.66	-252.76	-3.45
41853	76.61	2.50	-4.10	203.77	56.09	-1110.51	16.85	-316.82	-13.83
41854	76.62	3.10	-4.10	201.06	50.86	-1117.35	21.10	-315.07	-4.08
41855	75.38	2.50	-4.10	220.41	54.43	-1144.47	20.52	-381.75	-14.16
41856	75.39	3.10	-4.10	217.44	48.97	-1151.39	25.73	-379.38	-4.76
41857	74.15	2.50	-4.10	235.62	51.81	-1166.99	24.23	-447.23	-14.35
41858	74.17	3.10	-4.10	232.49	46.07	-1174.20	30.41	-444.19	-5.40
41859	72.93	2.50	-4.10	249.00	48.46	-1176.50	27.80	-511.58	-14.29
41860	72.95	3.10	-4.10	245.85	42.34	-1184.28	34.96	-507.88	-5.87
41861	71.70	2.50	-4.10	259.92	44.63	-1171.41	31.08	-572.92	-13.79
41862	71.73	3.10	-4.10	256.94	38.05	-1180.05	39.14	-568.64	-5.92
41863	70.47	2.50	-4.10	267.43	40.59	-1150.02	33.92	-629.04	-12.54
41864	70.51	3.10	-4.10	264.87	33.45	-1159.83	42.78	-624.34	-5.17
41865	69.24	2.50	-4.10	270.19	36.47	-1110.75	36.31	-677.10	-10.19
41866	69.28	3.10	-4.10	268.30	28.73	-1122.02	45.82	-672.23	-3.15
41867	68.02	2.50	-4.10	266.75	32.10	-1052.56	38.47	-713.33	-6.38
41868	68.06	3.10	-4.10	265.71	23.87	-1065.57	48.48	-708.62	0.64
41869	66.79	2.50	-4.10	256.33	26.65	-975.96	40.93	-732.68	-0.94
41870	66.84	3.10	-4.10	256.12	18.22	-990.93	51.40	-728.45	6.46
41871	65.56	2.50	-4.10	240.61	18.22	-884.62	44.27	-729.26	6.03
41872	65.62	3.10	-4.10	241.01	10.11	-901.79	55.56	-725.70	14.16
41873	64.33	2.50	-4.10	226.37	3.66	-786.82	48.52	-698.65	14.45
41874	64.40	3.10	-4.10	227.14	-3.69	-806.52	61.75	-695.79	23.10
41875	63.11	2.50	-4.10	226.95	-20.61	-693.92	52.71	-643.12	25.25
41876	63.17	3.10	-4.10	228.27	-27.18	-716.47	69.69	-641.17	33.07
41877	61.88	2.50	-4.10	257.13	-55.82	-610.65	56.56	-576.80	40.58



Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
41878	61.95	3.10	-4.10	259.54	-62.51	-635.70	78.37	-576.78	45.68
41879	60.65	2.50	-4.10	318.24	-97.82	-521.86	64.95	-516.70	57.83
41880	60.73	3.10	-4.10	321.25	-104.76	-547.48	88.60	-519.81	62.27
41881	59.42	2.50	-4.10	392.26	-142.69	-405.08	83.63	-450.61	62.32
41882	59.51	3.10	-4.10	392.92	-149.50	-429.37	98.33	-456.18	75.57
41883	77.84	2.50	-5.50	98.30	142.63	-979.38	5.89	-261.66	-26.45
41884	77.84	3.10	-5.50	97.19	138.34	-985.90	7.40	-260.18	-19.67
41885	76.61	2.50	-5.50	102.31	143.87	-1021.06	8.10	-320.98	-27.34
41886	76.62	3.10	-5.50	101.14	139.43	-1027.55	10.21	-318.97	-20.88
41887	75.38	2.50	-5.50	104.01	143.90	-1054.67	10.31	-381.91	-28.16
41888	75.39	3.10	-5.50	102.84	139.27	-1061.29	13.04	-379.32	-22.12
41889	74.15	2.50	-5.50	102.99	142.82	-1078.86	12.43	-442.95	-28.84
41890	74.17	3.10	-5.50	101.95	137.97	-1085.83	15.76	-439.76	-23.31
41891	72.93	2.50	-5.50	98.77	140.78	-1092.28	14.32	-502.33	-29.25
41892	72.95	3.10	-5.50	98.01	135.66	-1099.82	18.21	-498.57	-24.28
41893	71.70	2.50	-5.50	90.74	137.91	-1093.51	15.86	-558.02	-29.23
41894	71.73	3.10	-5.50	90.45	132.47	-1101.89	20.23	-553.77	-24.83
41895	70.47	2.50	-5.50	78.12	134.32	-1081.19	16.96	-607.59	-28.52
41896	70.51	3.10	-5.50	78.53	128.51	-1090.67	21.71	-603.03	-24.62
41897	69.24	2.50	-5.50	60.06	129.96	-1054.25	17.62	-648.14	-26.81
41898	69.28	3.10	-5.50	61.39	123.79	-1065.09	22.62	-643.50	-23.28
41899	68.02	2.50	-5.50	35.99	124.53	-1012.29	18.00	-676.25	-23.82
41900	68.06	3.10	-5.50	38.42	118.09	-1024.70	23.10	-671.84	-20.41
41901	66.79	2.50	-5.50	6.19	117.29	-956.27	18.37	-688.22	-19.33
41902	66.84	3.10	-5.50	9.81	110.80	-970.43	23.52	-684.38	-15.70
41903	65.56	2.50	-5.50	-27.29	106.92	-889.09	19.11	-681.07	-13.21
41904	65.62	3.10	-5.50	-22.51	100.74	-905.12	24.39	-678.07	-9.03
41905	64.33	2.50	-5.50	-60.15	91.56	-815.34	20.46	-654.35	-5.33
41906	64.40	3.10	-5.50	-54.28	86.09	-833.32	26.14	-652.45	-0.37
41907	63.11	2.50	-5.50	-87.12	69.17	-738.90	22.59	-612.32	4.65
41908	63.17	3.10	-5.50	-80.23	64.75	-758.76	28.99	-611.81	10.45
41909	61.88	2.50	-5.50	-106.53	38.14	-658.68	26.04	-562.75	16.78
41910	61.95	3.10	-5.50	-98.78	35.06	-679.97	33.06	-564.10	23.73
41911	60.65	2.50	-5.50	-124.68	-2.48	-568.91	31.34	-508.22	29.53
41912	60.73	3.10	-5.50	-116.57	-4.07	-590.73	38.24	-511.95	39.03
41913	59.42	2.50	-5.50	-150.94	-53.43	-479.11	35.65	-433.64	40.59
41914	59.51	3.10	-5.50	-142.98	-52.87	-499.62	43.05	-440.59	54.50
41915	77.84	2.50	-6.90	11.05	242.10	-903.11	-2.49	-258.55	-35.95
41916	77.84	3.10	-6.90	11.35	238.83	-909.15	-3.02	-256.95	-31.79
41917	76.61	2.50	-6.90	0.72	245.46	-943.25	-1.73	-313.66	-37.12
41918	76.62	3.10	-6.90	1.18	242.05	-949.29	-1.96	-311.58	-33.33
41919	75.38	2.50	-6.90	-13.24	247.55	-977.10	-1.10	-369.98	-38.20
41920	75.39	3.10	-6.90	-12.51	243.98	-983.30	-1.06	-367.40	-34.85
41921	74.15	2.50	-6.90	-31.19	248.46	-1003.56	-0.69	-426.01	-39.10
41922	74.17	3.10	-6.90	-30.07	244.70	-1010.10	-0.43	-422.91	-36.26
41923	72.93	2.50	-6.90	-53.57	248.26	-1021.50	-0.61	-479.95	-39.72
41924	72.95	3.10	-6.90	-51.88	244.29	-1028.57	-0.20	-476.40	-37.41
41925	71.70	2.50	-6.90	-80.84	247.04	-1029.78	-0.96	-529.74	-39.88
41926	71.73	3.10	-6.90	-78.39	242.83	-1037.60	-0.49	-525.83	-38.09
41927	70.47	2.50	-6.90	-113.47	244.79	-1027.31	-1.78	-572.94	-39.35
41928	70.51	3.10	-6.90	-110.06	240.34	-1036.11	-1.38	-568.85	-38.02
41929	69.24	2.50	-6.90	-151.88	241.41	-1013.28	-3.08	-606.80	-37.89
41930	69.28	3.10	-6.90	-147.30	236.75	-1023.26	-2.88	-602.76	-36.87
41931	68.02	2.50	-6.90	-196.21	236.57	-987.36	-4.73	-628.39	-35.20
41932	68.06	3.10	-6.90	-190.29	231.80	-998.70	-4.87	-624.71	-34.28
41933	66.79	2.50	-6.90	-246.08	229.63	-949.92	-6.52	-635.00	-31.04
41934	66.84	3.10	-6.90	-238.73	224.95	-962.73	-7.07	-632.00	-29.90
41935	65.56	2.50	-6.90	-300.52	219.55	-902.08	-8.09	-624.86	-25.18
41936	65.62	3.10	-6.90	-291.71	215.25	-916.44	-9.10	-622.86	-23.47
41937	64.33	2.50	-6.90	-358.34	204.87	-845.13	-9.03	-598.09	-17.41
41938	64.40	3.10	-6.90	-348.15	201.35	-861.01	-10.42	-597.37	-14.74
41939	63.11	2.50	-6.90	-419.53	183.71	-779.48	-8.80	-556.88	-7.55
41940	63.17	3.10	-6.90	-408.14	181.50	-796.73	-10.46	-557.67	-3.49
41941	61.88	2.50	-6.90	-486.72	153.84	-704.59	-6.83	-503.65	4.43
41942	61.95	3.10	-6.90	-474.52	153.50	-722.87	-8.57	-506.16	10.43
41943	60.65	2.50	-6.90	-564.27	112.55	-623.61	-2.86	-437.57	18.47
41944	60.73	3.10	-6.90	-551.91	114.80	-642.13	-4.36	-442.02	26.98
41945	59.42	2.50	-6.90	-651.34	56.92	-551.07	2.63	-355.47	34.64
41946	59.51	3.10	-6.90	-640.06	62.35	-568.44	1.62	-361.85	46.44
41947	77.84	2.50	-8.30	-72.12	353.32	-837.35	-11.44	-244.54	-41.32
41948	77.84	3.10	-8.30	-70.36	351.28	-842.80	-14.14	-242.95	-39.21
41949	76.61	2.50	-8.30	-97.25	359.03	-876.46	-12.19	-294.60	-42.60
41950	76.62	3.10	-8.30	-95.11	356.82	-881.92	-14.89	-292.61	-40.86
41951	75.38	2.50	-8.30	-127.47	363.42	-910.95	-13.20	-345.56	-43.75
41952	75.39	3.10	-8.30	-124.83	361.05	-916.55	-15.95	-343.15	-42.44
41953	74.15	2.50	-8.30	-163.10	366.56	-940.01	-14.55	-395.97	-44.69
41954	74.17	3.10	-8.30	-159.81	364.00	-945.88	-17.44	-393.16	-43.85
41955	72.93	2.50	-8.30	-204.43	368.51	-962.73	-16.33	-444.12	-45.31
41956	72.95	3.10	-8.30	-200.31	365.74	-969.04	-19.46	-440.98	-44.94
41957	71.70	2.50	-8.30	-251.69	369.30	-978.24	-18.61	-487.98	-45.45
41958	71.73	3.10	-8.30	-246.55	366.32	-985.16	-22.10	-484.61	-45.51
41959	70.47	2.50	-8.30	-305.04	368.92	-985.69	-21.43	-525.23	-44.90
41960	70.51	3.10	-8.30	-298.69	365.74	-993.39	-25.40	-521.81	-45.32
41961	69.24	2.50	-8.30	-364.52	367.25	-984.35	-24.75	-553.30	-43.43
41962	69.28	3.10	-8.30	-356.77	363.90	-992.99	-29.36	-550.07	-44.07
41963	68.02	2.50	-8.30	-430.00	363.96	-973.67	-28.45	-569.53	-40.78
41964	68.06	3.10	-8.30	-420.72	360.54	-983.39	-33.84	-566.77	-41.42
41965	66.79	2.50	-8.30	-501.22	358.50	-953.33	-32.31	-571.47	-36.69
41966	66.84	3.10	-8.30	-490.32	355.18	-964.22	-38.57	-569.49	-37.05
41967	65.56	2.50	-8.30	-577.98	349.94	-923.03	-35.93	-557.25	-30.92
41968	65.62	3.10	-8.30	-565.46	347.00	-935.12	-43.12	-556.35	-30.65
41969	64.33	2.50	-8.30	-660.68	336.91	-882.24	-38.77	-525.87	-23.25
41970	64.40	3.10	-8.30	-646.64	334.75	-895.53	-46.85	-526.33	-21.93
41971	63.11	2.50	-8.30	-751.03	317.47	-830.17	-40.10	-477.14	-13.48
41972	63.17	3.10	-8.30	-735.72	316.65	-844.57	-48.93	-479.17	-10.67
41973	61.88	2.50	-8.30	-852.17	288.96	-766.98	-39.06	-411.10	-1.42
41974	61.95	3.10	-8.30	-836.04	290.22	-782.28	-48.34	-414.79	3.38
41975	60.65	2.50	-8.30	-967.15	247.86	-696.70	-34.77	-328.32	13.27
41976	60.73	3.10	-8.30	-951.00	252.09	-712.42	-44.00	-333.61	20.64

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
41977	59.42	2.50	-8.30	-1096.68	189.70	-630.84	-26.71	-231.90	31.33
41978	59.51	3.10	-8.30	-1081.73	197.71	-646.08	-34.97	-238.45	41.92
41979	58.39	2.50	-2.70	1305.53	-199.28	-234.55	82.53	-234.38	13.28
41980	58.47	3.10	-2.70	1302.16	-228.87	-312.51	228.48	-262.39	90.69
41981	57.54	2.50	-2.70	1467.04	-309.28	-386.02	45.36	-66.60	-86.82
41982	57.62	3.10	-2.70	1433.12	-328.45	-472.83	109.60	-102.71	54.39
41983	56.70	2.50	-2.70	1465.28	-439.87	-716.48	33.37	106.13	-129.50
41984	56.77	3.10	-2.70	1424.36	-431.31	-795.90	54.17	90.12	99.62
41985	55.85	2.50	-2.70	1465.20	-722.49	-1236.85	-45.08	382.58	-174.07
41986	55.93	3.10	-2.70	1423.52	-737.83	-1322.61	38.82	366.20	206.46
41987	55.01	2.50	-2.70	1649.07	-682.44	-2054.91	-197.18	1305.57	-512.93
41988	55.08	3.10	-2.70	1609.47	-692.37	-2127.96	89.40	1329.23	519.60
41989	58.39	2.50	-4.10	466.87	-201.99	-327.26	85.85	-300.28	39.71
41990	58.47	3.10	-4.10	469.42	-197.29	-348.71	94.40	-307.33	71.75
41991	57.54	2.50	-4.10	555.56	-272.88	-406.44	57.33	-80.80	16.19
41992	57.62	3.10	-4.10	556.33	-255.51	-422.84	65.43	-90.51	71.38
41993	56.70	2.50	-4.10	583.92	-354.34	-660.21	25.37	168.01	8.18
41994	56.77	3.10	-4.10	576.64	-328.27	-669.30	27.41	159.21	97.68
41995	55.85	2.50	-4.10	588.29	-458.94	-1087.43	-41.24	517.69	28.67
41996	55.93	3.10	-4.10	579.17	-436.97	-1094.36	17.36	496.59	173.10
41997	55.01	2.50	-4.10	766.61	-270.93	-1672.71	-136.93	1483.44	-437.27
41998	55.08	3.10	-4.10	739.55	-238.26	-1692.24	87.05	1494.39	592.05
41999	58.39	2.50	-5.50	-174.10	-122.71	-433.85	35.40	-306.56	49.43
42000	58.47	3.10	-5.50	-168.93	-119.83	-449.12	41.10	-316.60	71.00
42001	57.54	2.50	-5.50	-174.16	-211.84	-518.99	25.48	-113.42	61.75
42002	57.62	3.10	-5.50	-172.62	-205.90	-526.94	26.76	-123.39	93.29
42003	56.70	2.50	-5.50	-137.04	-297.21	-782.16	7.00	140.09	76.80
42004	56.77	3.10	-5.50	-138.87	-288.59	-783.77	-2.26	131.91	125.11
42005	55.85	2.50	-5.50	-82.99	-366.72	-1181.17	-9.73	489.20	127.64
42006	55.93	3.10	-5.50	-89.19	-351.73	-1178.41	-31.23	466.56	186.50
42007	55.01	2.50	-5.50	-23.36	-340.48	-1642.04	1.54	1437.46	-297.95
42008	55.08	3.10	-5.50	-62.23	-328.15	-1644.35	-40.40	1440.98	570.67
42009	58.39	2.50	-6.90	-747.21	-26.29	-522.93	7.39	-244.44	55.45
42010	58.47	3.10	-6.90	-738.74	-17.61	-536.70	7.34	-252.06	72.11
42011	57.54	2.50	-6.90	-823.92	-138.80	-617.98	6.81	-107.37	86.50
42012	57.62	3.10	-6.90	-818.89	-128.59	-626.15	6.14	-114.89	109.90
42013	56.70	2.50	-6.90	-823.70	-244.81	-916.22	-2.57	51.03	119.35
42014	56.77	3.10	-6.90	-819.68	-236.92	-918.57	-19.57	45.20	157.21
42015	55.85	2.50	-6.90	-752.78	-289.73	-1372.72	14.35	326.10	178.30
42016	55.93	3.10	-6.90	-754.81	-264.28	-1365.00	-67.27	305.16	211.70
42017	55.01	2.50	-6.90	-801.32	-355.97	-1860.62	111.71	1267.61	-213.63
42018	55.08	3.10	-6.90	-861.61	-361.74	-1859.54	-143.73	1267.96	544.30
42019	58.39	2.50	-8.30	-1253.98	96.82	-594.39	-14.71	-119.84	56.71
42020	58.47	3.10	-8.30	-1242.33	108.38	-607.27	-20.47	-126.58	72.39
42021	57.54	2.50	-8.30	-1430.83	-39.94	-651.26	-0.94	-18.54	97.18
42022	57.62	3.10	-8.30	-1423.25	-27.41	-659.71	-4.50	-24.27	120.04
42023	56.70	2.50	-8.30	-1584.84	-192.64	-912.70	5.23	15.11	145.59
42024	56.77	3.10	-8.30	-1576.81	-187.03	-915.91	-12.68	10.60	190.14
42025	55.85	2.50	-8.30	-1668.40	-265.90	-1489.95	34.87	58.67	205.94
42026	55.93	3.10	-8.30	-1665.46	-241.58	-1475.88	-71.48	44.12	258.91
42027	55.01	2.50	-8.30	-1702.54	-358.21	-2255.15	200.39	865.62	-132.24
42028	55.08	3.10	-8.30	-1759.63	-362.23	-2256.08	-269.38	875.03	495.82
42029	79.06	3.95	-2.70	231.62	-28.76	-1126.85	24.27	-172.77	35.61
42030	80.27	3.95	-2.70	202.92	-28.97	-1062.59	18.03	-117.02	35.20
42031	81.48	3.95	-2.70	174.84	-30.49	-991.87	12.45	-67.08	34.71
42032	82.69	3.95	-2.70	147.76	-33.30	-916.37	7.49	-23.67	34.21
42033	83.90	3.95	-2.70	122.11	-37.35	-837.72	3.08	12.76	33.75
42034	85.12	3.95	-2.70	98.32	-42.60	-757.46	-0.84	42.01	33.37
42035	86.33	3.96	-2.70	76.77	-48.99	-676.97	-4.32	64.13	33.13
42036	87.54	3.96	-2.70	57.80	-56.48	-597.45	-7.43	79.37	33.08
42037	88.75	3.96	-2.70	41.71	-65.03	-519.93	-10.22	88.14	33.26
42038	89.96	3.96	-2.70	28.72	-74.64	-445.19	-12.76	90.98	33.76
42039	91.18	3.96	-2.70	19.04	-85.36	-373.87	-15.14	88.50	34.69
42040	92.39	3.96	-2.70	12.90	-97.32	-306.36	-17.50	81.37	36.22
42041	93.60	3.96	-2.70	10.68	-110.80	-242.88	-20.12	70.22	38.62
42042	94.81	3.96	-2.70	13.19	-126.46	-183.31	-23.58	55.72	42.32
42043	96.02	3.96	-2.70	22.40	-145.91	-126.86	-29.46	38.83	48.08
42044	97.23	3.96	-2.70	44.23	-173.90	-63.98	-44.85	23.02	51.28
42045	79.05	5.05	-2.70	222.28	-44.37	-1140.87	31.26	-172.16	62.28
42046	80.24	5.05	-2.70	195.03	-44.32	-1078.02	23.28	-117.82	61.63
42047	81.44	5.06	-2.70	168.24	-45.60	-1008.95	16.15	-68.94	60.68
42048	82.63	5.06	-2.70	142.29	-48.18	-935.27	9.83	-26.26	59.53
42049	83.83	5.06	-2.70	117.57	-52.02	-858.52	4.27	9.75	58.28
42050	85.03	5.06	-2.70	94.51	-57.08	-780.19	-0.61	38.88	57.02
42051	86.22	5.06	-2.70	73.50	-63.29	-701.60	-4.89	61.12	55.84
42052	87.42	5.07	-2.70	54.88	-70.63	-623.96	-8.64	76.71	54.83
42053	88.61	5.07	-2.70	38.94	-79.08	-548.24	-11.94	86.00	54.08
42054	89.81	5.07	-2.70	25.92	-88.66	-475.28	-14.89	89.51	53.72
42055	91.00	5.07	-2.70	16.02	-99.46	-405.69	-17.61	87.81	53.90
42056	92.20	5.07	-2.70	9.47	-111.66	-339.93	-20.29	81.53	54.83
42057	93.39	5.08	-2.70	6.62	-125.68	-278.31	-23.25	71.31	56.84
42058	94.59	5.08	-2.70	8.26	-142.35	-220.87	-27.21	57.81	60.44
42059	95.78	5.08	-2.70	16.41	-163.84	-167.83	-34.05	42.07	66.40
42060	96.98	5.08	-2.70	37.11	-195.91	-105.43	-52.08	31.22	69.53
42061	79.04	6.15	-2.70	210.41	-63.85	-1155.26	38.37	-171.56	89.79
42062	80.21	6.15	-2.70	184.96	-63.48	-1094.10	28.73	-119.14	88.89
42063	81.39	6.16	-2.70	159.81	-64.45	-1027.08	20.13	-71.76	87.49
42064	82.56	6.16	-2.70	135.29	-66.73	-955.65	12.53	-30.15	85.72
42065	83.74	6.16	-2.70	111.79	-70.27	-881.30	5.86	5.20	83.73
42066	84.91	6.16	-2.70	89.72	-75.02	-805.40	0.04	34.03	81.62
42067	86.09	6.16	-2.70	69.47	-80.95	-729.25	-5.01	56.33	79.54
42068	87.26	6.17	-2.70	51.37	-88.03	-653.97	-9.41	72.25	77.61
42069	88.44	6.17	-2.70	35.71	-96.29	-580.55	-13.24	82.13	75.99
42070	89.61	6.17	-2.70	22.75	-105.78	-509.79	-16.64	86.41	74.82
42071	90.79	6.17	-2.70	12.68	-116.63	-442.34	-19.74	85.63	74.30
42072	91.96	6.17	-2.70	5.73	-129.10	-378.72	-22.79	80.39	74.69
42073	93.14	6.18	-2.70	2.27	-143.73	-319.33	-26.19	71.28	76.35
42074	94.31	6.18	-2.70	3.07	-161.62	-264.43	-30.72	58.99	79.84
42075	95.49	6.18	-2.70	10.20	-185.53	-215.20	-38.44	44.74	85.99

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
42076	96.66	6.18	-2.70	30.02	-222.23	-153.06	-58.79	39.63	89.60
42077	79.03	7.25	-2.70	195.98	-87.24	-1170.76	45.58	-171.02	117.93
42078	80.18	7.25	-2.70	172.67	-86.51	-1111.52	34.43	-121.00	116.77
42079	81.33	7.25	-2.70	149.46	-87.12	-1046.83	24.48	-75.52	114.95
42080	82.48	7.25	-2.70	126.67	-89.02	-978.05	15.69	-35.31	112.62
42081	83.63	7.25	-2.70	104.66	-92.16	-906.51	7.98	-0.88	109.93
42082	84.78	7.26	-2.70	83.83	-96.52	-833.51	1.27	27.49	107.06
42083	85.93	7.26	-2.70	64.54	-102.07	-760.24	-4.54	49.73	104.16
42084	87.08	7.26	-2.70	47.14	-108.81	-687.78	-9.57	65.97	101.41
42085	88.23	7.26	-2.70	31.92	-116.79	-617.08	-13.95	76.47	98.99
42086	89.38	7.26	-2.70	19.11	-126.13	-548.93	-17.83	81.62	97.10
42087	90.53	7.26	-2.70	8.94	-137.02	-484.01	-21.38	81.90	95.97
42088	91.68	7.26	-2.70	1.61	-149.78	-422.88	-24.87	77.85	95.89
42089	92.83	7.26	-2.70	-2.47	-165.11	-366.11	-28.78	70.03	97.26
42090	93.98	7.26	-2.70	-2.49	-184.41	-314.20	-33.97	59.12	100.68
42091	95.13	7.26	-2.70	3.81	-211.21	-269.24	-42.57	46.71	106.95
42092	96.28	7.26	-2.70	23.03	-253.02	-206.80	-64.77	48.26	111.75
42093	79.06	3.95	-4.10	161.36	42.17	-1031.77	16.09	-192.51	11.92
42094	80.27	3.95	-4.10	143.19	40.48	-973.53	11.21	-138.79	12.47
42095	81.48	3.95	-4.10	124.82	37.44	-910.03	6.80	-90.23	12.85
42096	82.69	3.95	-4.10	106.61	33.09	-842.64	2.85	-47.50	13.12
42097	83.90	3.95	-4.10	88.95	27.47	-772.65	-0.67	-11.04	13.33
42098	85.12	3.95	-4.10	72.24	20.63	-701.29	-3.77	18.93	13.53
42099	86.33	3.96	-4.10	56.83	12.63	-629.63	-6.50	42.41	13.76
42100	87.54	3.96	-4.10	43.08	3.53	-558.64	-8.89	59.56	14.07
42101	88.75	3.96	-4.10	31.28	-6.65	-489.12	-10.98	70.72	14.48
42102	89.96	3.96	-4.10	21.70	-17.87	-421.69	-12.81	76.35	15.05
42103	91.18	3.96	-4.10	14.56	-30.16	-356.82	-14.42	77.03	15.81
42104	92.39	3.96	-4.10	10.10	-43.59	-294.82	-15.90	73.41	16.78
42105	93.60	3.96	-4.10	8.61	-58.35	-235.76	-17.38	66.28	17.98
42106	94.81	3.96	-4.10	10.41	-74.76	-179.34	-19.09	56.63	19.25
42107	96.02	3.96	-4.10	15.58	-93.32	-123.95	-21.45	45.66	19.66
42108	97.23	3.96	-4.10	21.47	-114.10	-70.27	-23.17	31.47	17.08
42109	79.05	5.05	-4.10	154.70	27.79	-1045.60	20.87	-190.65	31.92
42110	80.24	5.05	-4.10	137.48	26.37	-988.45	14.65	-138.39	32.48
42111	81.44	5.06	-4.10	120.01	23.60	-926.31	9.05	-90.99	32.67
42112	82.63	5.06	-4.10	102.61	19.53	-860.46	4.05	-49.11	32.58
42113	83.83	5.06	-4.10	85.66	14.18	-792.12	-0.36	-13.19	32.28
42114	85.03	5.06	-4.10	69.54	7.63	-722.46	-4.22	16.52	31.87
42115	86.22	5.06	-4.10	54.60	-0.09	-652.53	-7.56	39.98	31.40
42116	87.42	5.07	-4.10	41.20	-8.93	-583.25	-10.43	57.33	30.96
42117	88.61	5.07	-4.10	29.64	-18.85	-515.41	-12.89	68.87	30.61
42118	89.81	5.07	-4.10	20.20	-29.85	-449.64	-14.98	75.03	30.42
42119	91.00	5.07	-4.10	13.12	-41.97	-386.42	-16.77	76.34	30.45
42120	92.20	5.07	-4.10	8.69	-55.29	-326.05	-18.36	73.47	30.74
42121	93.39	5.08	-4.10	7.28	-70.01	-268.63	-19.90	67.24	31.29
42122	94.59	5.08	-4.10	9.39	-86.47	-213.92	-21.62	58.81	31.93
42123	95.78	5.08	-4.10	15.49	-104.97	-159.58	-23.96	50.27	31.68
42124	96.98	5.08	-4.10	22.32	-124.74	-103.34	-25.56	40.69	28.13
42125	79.04	6.15	-4.10	146.17	9.97	-1060.42	25.85	-188.47	52.76
42126	80.21	6.15	-4.10	130.14	8.88	-1004.59	18.37	-138.18	53.31
42127	81.39	6.16	-4.10	113.80	6.45	-944.10	11.65	-92.35	53.30
42128	82.56	6.16	-4.10	97.45	2.73	-880.13	5.67	-51.64	52.84
42129	83.74	6.16	-4.10	81.42	-2.24	-813.82	0.41	-16.53	52.05
42130	84.91	6.16	-4.10	66.09	-8.42	-746.27	-4.16	12.73	51.03
42131	86.09	6.16	-4.10	51.82	-15.74	-678.47	-8.08	36.07	49.89
42132	87.26	6.17	-4.10	38.93	-24.19	-611.31	-11.42	53.59	48.73
42133	88.44	6.17	-4.10	27.74	-33.74	-545.55	-14.24	65.54	47.63
42134	89.61	6.17	-4.10	18.56	-44.42	-481.80	-16.60	72.31	46.70
42135	90.79	6.17	-4.10	11.65	-56.25	-420.54	-18.57	74.40	46.01
42136	91.96	6.17	-4.10	7.35	-69.36	-362.11	-20.26	72.45	45.62
42137	93.14	6.18	-4.10	6.13	-83.94	-306.63	-21.83	67.35	45.54
42138	94.31	6.18	-4.10	8.70	-100.34	-253.81	-23.49	60.48	45.61
42139	95.49	6.18	-4.10	15.90	-118.58	-200.45	-25.62	54.89	44.93
42140	96.66	6.18	-4.10	23.67	-137.07	-141.20	-26.97	50.47	40.99
42141	79.03	7.25	-4.10	135.76	-11.19	-1076.99	31.04	-186.07	74.34
42142	80.18	7.25	-4.10	121.15	-11.92	-1022.65	22.43	-138.19	74.82
42143	81.33	7.25	-4.10	106.16	-13.96	-964.02	14.69	-94.31	74.59
42144	82.48	7.25	-4.10	91.06	-17.25	-902.21	7.81	-55.10	73.77
42145	83.63	7.25	-4.10	76.17	-21.77	-838.25	1.79	-21.04	72.51
42146	84.78	7.26	-4.10	61.84	-27.46	-773.15	-3.44	7.60	70.93
42147	85.93	7.26	-4.10	48.40	-34.29	-707.84	-7.91	30.70	69.15
42148	87.08	7.26	-4.10	36.19	-42.24	-643.14	-11.70	48.34	67.30
42149	88.23	7.26	-4.10	25.53	-51.31	-579.78	-14.86	60.72	65.51
42150	89.38	7.26	-4.10	16.73	-61.54	-518.36	-17.49	68.17	63.88
42151	90.53	7.26	-4.10	10.10	-73.00	-459.37	-19.62	71.15	62.50
42152	91.68	7.26	-4.10	6.05	-85.76	-403.15	-21.39	70.33	61.48
42153	92.83	7.26	-4.10	5.16	-100.06	-349.82	-22.95	66.60	60.84
42154	93.98	7.26	-4.10	8.34	-116.19	-299.03	-24.45	61.66	60.47
42155	95.13	7.26	-4.10	16.74	-133.90	-246.43	-26.20	59.52	59.69
42156	96.28	7.26	-4.10	25.42	-150.83	-183.65	-27.25	60.62	55.93
42157	79.06	3.95	-5.50	89.30	128.40	-947.45	6.11	-202.45	-8.09
42158	80.27	3.95	-5.50	82.16	124.86	-894.23	2.84	-151.24	-6.83
42159	81.48	3.95	-5.50	73.83	119.98	-836.88	-0.14	-104.62	-5.76
42160	82.69	3.95	-5.50	64.67	113.81	-776.48	-2.83	-63.22	-4.84
42161	83.90	3.95	-5.50	55.08	106.37	-714.04	-5.21	-27.45	-4.02
42162	85.12	3.95	-5.50	45.44	97.75	-650.49	-7.28	2.45	-3.25
42163	86.33	3.96	-5.50	36.12	88.00	-586.68	-9.04	26.44	-2.50
42164	87.54	3.96	-5.50	27.49	77.20	-523.34	-10.51	44.65	-1.72
42165	88.75	3.96	-5.50	19.84	65.41	-461.06	-11.67	57.34	-0.87
42166	89.96	3.96	-5.50	13.44	52.69	-400.30	-12.54	64.92	0.07
42167	91.18	3.96	-5.50	8.49	39.09	-341.39	-13.12	67.89	1.13
42168	92.39	3.96	-5.50	5.12	24.62	-284.50	-13.40	66.86	2.32
42169	93.60	3.96	-5.50	3.33	9.29	-229.62	-13.37	62.51	3.63
42170	94.81	3.96	-5.50	2.82	-6.89	-176.47	-13.00	55.43	4.96
42171	96.02	3.96	-5.50	2.67	-23.82	-125.27	-12.01	45.40	6.16
42172	97.23	3.96	-5.50	2.46	-41.15	-78.55	-9.74	31.40	7.49
42173	79.05	5.05	-5.50	85.72	116.03	-961.03	8.15	-199.70	6.33
42174	80.24	5.05	-5.50	79.03	112.78	-908.67	3.97	-149.92	7.79

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
42175	81.44	5.06	-5.50	71.18	108.22	-852.43	0.16	-104.46	8.88
42176	82.63	5.06	-5.50	62.52	102.37	-793.32	-3.24	-63.92	9.66
42177	83.83	5.06	-5.50	53.39	95.29	-732.29	-6.23	-28.74	10.21
42178	85.03	5.06	-5.50	44.18	87.04	-670.25	-8.79	0.84	10.59
42179	86.22	5.06	-5.50	35.25	77.69	-607.99	-10.95	24.77	10.89
42180	87.42	5.07	-5.50	26.94	67.31	-546.21	-12.69	43.13	11.15
42181	88.61	5.07	-5.50	19.59	55.96	-485.48	-14.04	56.17	11.45
42182	89.81	5.07	-5.50	13.45	43.70	-426.27	-14.98	64.28	11.84
42183	91.00	5.07	-5.50	8.77	30.59	-368.88	-15.54	67.95	12.35
42184	92.20	5.07	-5.50	5.71	16.66	-313.42	-15.71	67.82	13.03
42185	93.39	5.08	-5.50	4.33	1.96	-259.80	-15.50	64.66	13.86
42186	94.59	5.08	-5.50	4.36	-13.43	-207.43	-14.86	59.31	14.78
42187	95.78	5.08	-5.50	4.61	-29.25	-155.65	-13.57	51.79	15.62
42188	96.98	5.08	-5.50	3.87	-45.04	-105.79	-11.07	40.60	16.47
42189	79.04	6.15	-5.50	80.98	100.75	-976.09	10.44	-196.43	21.78
42190	80.21	6.15	-5.50	74.86	97.84	-924.75	5.43	-148.53	23.39
42191	81.39	6.16	-5.50	67.63	93.66	-869.84	0.88	-104.60	24.46
42192	82.56	6.16	-5.50	59.60	88.23	-812.28	-3.18	-65.24	25.08
42193	83.74	6.16	-5.50	51.09	81.61	-752.98	-6.73	-30.89	25.35
42194	84.91	6.16	-5.50	42.47	73.85	-692.75	-9.75	-1.79	25.35
42195	86.09	6.16	-5.50	34.07	65.04	-632.36	-12.26	21.96	25.19
42196	87.26	6.17	-5.50	26.24	55.22	-572.45	-14.25	40.44	24.95
42197	88.44	6.17	-5.50	19.31	44.47	-513.60	-15.75	53.86	24.72
42198	89.61	6.17	-5.50	13.56	32.84	-456.21	-16.75	62.59	24.57
42199	90.79	6.17	-5.50	9.27	20.40	-400.57	-17.27	67.11	24.57
42200	91.96	6.17	-5.50	6.63	7.22	-346.75	-17.30	68.10	24.79
42201	93.14	6.18	-5.50	5.75	-6.65	-294.51	-16.86	66.42	25.26
42202	94.31	6.18	-5.50	6.37	-21.01	-242.87	-15.94	63.14	25.95
42203	95.49	6.18	-5.50	6.98	-35.48	-190.26	-14.43	58.48	26.68
42204	96.66	6.18	-5.50	5.63	-49.54	-136.85	-11.95	50.36	27.31
42205	79.03	7.25	-5.50	75.09	82.77	-993.36	13.05	-192.69	38.28
42206	80.18	7.25	-5.50	69.66	80.26	-943.18	7.30	-147.11	39.96
42207	81.33	7.25	-5.50	63.17	76.52	-889.76	2.09	-105.06	40.95
42208	82.48	7.25	-5.50	55.91	71.59	-833.96	-2.55	-67.17	41.39
42209	83.63	7.25	-5.50	48.17	65.52	-776.61	-6.58	-33.87	41.37
42210	84.78	7.26	-5.50	40.27	58.37	-718.45	-10.00	-5.43	41.00
42211	85.93	7.26	-5.50	32.55	50.21	-660.19	-12.81	18.04	40.40
42212	87.08	7.26	-5.50	25.34	41.11	-602.42	-15.02	36.61	39.68
42213	88.23	7.26	-5.50	18.97	31.11	-545.67	-16.63	50.44	38.95
42214	89.38	7.26	-5.50	13.75	20.29	-490.32	-17.67	59.88	38.32
42215	90.53	7.26	-5.50	9.96	8.71	-436.61	-18.10	65.41	37.87
42216	91.68	7.26	-5.50	7.85	-3.51	-384.54	-17.96	67.75	37.74
42217	92.83	7.26	-5.50	7.55	-16.28	-333.68	-17.27	67.85	38.02
42218	93.98	7.26	-5.50	8.78	-29.34	-282.59	-16.08	66.96	38.74
42219	95.13	7.26	-5.50	9.66	-42.26	-228.78	-14.46	65.39	39.66
42220	96.28	7.26	-5.50	7.64	-54.53	-171.48	-12.31	60.43	40.28
42221	79.06	3.95	-6.90	18.44	228.38	-873.14	-5.20	-202.62	-23.41
42222	80.27	3.95	-6.90	22.60	222.71	-824.14	-6.71	-154.59	-21.68
42223	81.48	3.95	-6.90	24.42	215.71	-772.04	-8.13	-110.64	-20.11
42224	82.69	3.95	-6.90	24.28	207.43	-717.65	-9.42	-71.34	-18.68
42225	83.90	3.95	-6.90	22.59	197.91	-661.76	-10.54	-37.09	-17.34
42226	85.12	3.95	-6.90	19.77	187.23	-605.04	-11.46	-8.12	-16.05
42227	86.33	3.96	-6.90	16.23	175.47	-548.13	-12.17	15.51	-14.75
42228	87.54	3.96	-6.90	12.34	162.72	-491.53	-12.64	33.89	-13.40
42229	88.75	3.96	-6.90	8.44	149.07	-435.68	-12.86	47.22	-11.95
42230	89.96	3.96	-6.90	4.81	134.62	-380.88	-12.80	55.83	-10.37
42231	91.18	3.96	-6.90	1.65	119.45	-327.33	-12.43	60.13	-8.62
42232	92.39	3.96	-6.90	-0.98	103.65	-275.11	-11.74	60.57	-6.65
42233	93.60	3.96	-6.90	-3.15	87.30	-224.26	-10.71	57.57	-4.43
42234	94.81	3.96	-6.90	-5.10	70.50	-174.95	-9.27	51.36	-1.90
42235	96.02	3.96	-6.90	-6.92	53.34	-128.05	-7.38	41.91	1.05
42236	97.23	3.96	-6.90	-8.15	35.98	-85.36	-5.07	29.48	4.57
42237	79.05	5.05	-6.90	18.14	218.49	-886.17	-6.31	-199.37	-13.43
42238	80.24	5.05	-6.90	22.26	213.14	-837.84	-8.31	-152.64	-11.38
42239	81.44	5.06	-6.90	24.16	206.50	-786.64	-10.18	-109.76	-9.65
42240	82.63	5.06	-6.90	24.18	198.59	-733.34	-11.86	-71.27	-8.18
42241	83.83	5.06	-6.90	22.70	189.49	-678.65	-13.30	-37.57	-6.91
42242	85.03	5.06	-6.90	20.13	179.27	-623.24	-14.48	-8.89	-5.78
42243	86.22	5.06	-6.90	16.84	168.00	-567.68	-15.36	14.69	-4.71
42244	87.42	5.07	-6.90	13.22	155.78	-512.48	-15.93	33.24	-3.64
42245	88.61	5.07	-6.90	9.59	142.71	-458.02	-16.15	46.97	-2.49
42246	89.81	5.07	-6.90	6.24	128.87	-404.58	-16.02	56.17	-1.21
42247	91.00	5.07	-6.90	3.37	114.38	-352.31	-15.51	61.27	0.27
42248	92.20	5.07	-6.90	1.05	99.33	-301.21	-14.62	62.73	2.00
42249	93.39	5.08	-6.90	-0.82	83.83	-251.11	-13.33	61.04	4.03
42250	94.59	5.08	-6.90	-2.59	67.99	-201.87	-11.64	56.44	6.42
42251	95.78	5.08	-6.90	-4.59	51.92	-153.88	-9.52	48.77	9.20
42252	96.98	5.08	-6.90	-6.57	35.72	-108.66	-7.02	37.84	12.43
42253	79.04	6.15	-6.90	17.38	206.16	-900.93	-7.09	-195.46	-2.10
42254	80.21	6.15	-6.90	21.47	201.18	-853.40	-9.53	-150.44	0.21
42255	81.39	6.16	-6.90	23.48	194.96	-803.27	-11.80	-108.96	2.05
42256	82.56	6.16	-6.90	23.73	187.54	-751.25	-13.82	-71.55	3.52
42257	83.74	6.16	-6.90	22.55	178.97	-698.01	-15.55	-38.61	4.68
42258	84.91	6.16	-6.90	20.32	169.33	-644.14	-16.93	-10.38	5.64
42259	86.09	6.16	-6.90	17.40	158.70	-590.19	-17.95	13.07	6.48
42260	87.26	6.17	-6.90	14.15	147.18	-536.61	-18.58	31.78	7.29
42261	88.44	6.17	-6.90	10.90	134.86	-483.76	-18.80	45.94	8.16
42262	89.61	6.17	-6.90	7.93	121.84	-431.88	-18.58	55.84	9.18
42263	90.79	6.17	-6.90	5.43	108.23	-381.03	-17.92	61.89	10.44
42264	91.96	6.17	-6.90	3.49	94.15	-331.11	-16.82	64.58	12.02
42265	93.14	6.18	-6.90	1.94	79.71	-281.75	-15.32	64.42	13.99
42266	94.31	6.18	-6.90	0.34	65.01	-232.44	-13.46	61.66	16.35
42267	95.49	6.18	-6.90	-1.89	50.17	-183.17	-11.29	55.94	19.07
42268	96.66	6.18	-6.90	-4.64	35.24	-135.16	-8.84	46.64	22.00
42269	79.03	7.25	-6.90	16.18	191.68	-918.13	-7.49	-190.94	10.76
42270	80.18	7.25	-6.90	20.24	187.13	-871.51	-10.29	-148.04	13.23
42271	81.33	7.25	-6.90	22.39	181.40	-822.57	-12.88	-108.26	15.10
42272	82.48	7.25	-6.90	22.92	174.55	-771.98	-15.18	-72.18	16.51
42273	83.63	7.25	-6.90	22.12	166.62	-720.34	-17.13	-40.19	17.56

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
42274	84.78	7.26	-6.90	20.33	157.69	-668.20	-18.68	-12.54	18.34
42275	85.93	7.26	-6.90	17.88	147.84	-616.03	-19.80	10.68	18.96
42276	87.08	7.26	-6.90	15.11	137.17	-564.24	-20.45	29.53	19.52
42277	88.23	7.26	-6.90	12.34	125.78	-513.14	-20.63	44.16	20.15
42278	89.38	7.26	-6.90	9.84	113.76	-462.90	-20.31	54.85	20.97
42279	90.53	7.26	-6.90	7.81	101.23	-413.53	-19.49	62.01	22.09
42280	91.68	7.26	-6.90	6.29	88.32	-364.76	-18.21	66.14	23.64
42281	92.83	7.26	-6.90	5.08	75.14	-316.00	-16.55	67.73	25.68
42282	93.98	7.26	-6.90	3.58	61.75	-266.41	-14.66	66.94	28.18
42283	95.13	7.26	-6.90	1.09	48.20	-215.61	-12.65	63.25	30.90
42284	96.28	7.26	-6.90	-2.42	34.56	-164.68	-10.52	55.65	33.50
42285	97.06	3.95	-8.30	-47.96	340.37	-808.42	-17.33	-193.14	-33.47
42286	80.27	3.95	-8.30	-32.42	332.35	-762.96	-17.05	-149.19	-31.49
42287	81.48	3.95	-8.30	-20.57	322.99	-715.33	-16.85	-108.84	-29.62
42288	82.69	3.95	-8.30	-11.98	312.33	-666.10	-16.69	-72.61	-27.84
42289	83.90	3.95	-8.30	-6.19	300.43	-615.83	-16.51	-40.86	-26.11
42290	85.12	3.95	-8.30	-2.72	287.38	-565.00	-16.27	-13.80	-24.38
42291	86.33	3.96	-8.30	-1.10	273.26	-514.04	-15.92	8.51	-22.60
42292	87.54	3.96	-8.30	-0.87	258.19	-463.30	-15.45	26.11	-20.72
42293	88.75	3.96	-8.30	-1.63	242.26	-413.05	-14.81	39.16	-18.68
42294	89.96	3.96	-8.30	-3.03	225.60	-363.47	-13.98	47.89	-16.43
42295	91.18	3.96	-8.30	-4.83	208.32	-314.69	-12.93	52.57	-13.93
42296	92.39	3.96	-8.30	-6.84	190.53	-266.76	-11.65	53.53	-11.13
42297	93.60	3.96	-8.30	-9.01	172.34	-219.81	-10.15	51.03	-7.98
42298	94.81	3.96	-8.30	-11.22	153.82	-174.21	-8.46	45.30	-4.44
42299	96.02	3.96	-8.30	-13.22	135.07	-130.72	-6.64	36.68	-0.42
42300	97.23	3.96	-8.30	-14.53	116.16	-90.52	-4.80	25.83	4.12
42301	79.05	5.05	-8.30	-44.91	333.22	-820.41	-21.85	-189.73	-26.93
42302	80.24	5.05	-8.30	-29.88	325.57	-775.50	-21.67	-146.90	-24.57
42303	81.44	5.06	-8.30	-18.35	316.60	-728.61	-21.59	-107.47	-22.44
42304	82.63	5.06	-8.30	-9.93	306.36	-680.29	-21.53	-71.94	-20.50
42305	83.83	5.06	-8.30	-4.18	294.92	-631.04	-21.43	-40.65	-18.69
42306	85.03	5.06	-8.30	-0.67	282.35	-581.32	-21.22	-13.82	-16.94
42307	86.22	5.06	-8.30	1.06	268.76	-531.53	-20.87	8.50	-15.19
42308	87.42	5.07	-8.30	1.43	254.25	-481.98	-20.34	26.33	-13.36
42309	88.61	5.07	-8.30	0.84	238.93	-432.92	-19.59	39.81	-11.39
42310	89.81	5.07	-8.30	-0.38	222.91	-384.49	-18.60	49.17	-9.19
42311	91.00	5.07	-8.30	-1.99	206.32	-336.73	-17.35	54.68	-6.71
42312	92.20	5.07	-8.30	-3.86	189.26	-289.62	-15.84	56.64	-3.91
42313	93.39	5.08	-8.30	-5.96	171.83	-243.10	-14.10	55.29	-0.76
42314	94.59	5.08	-8.30	-8.28	154.11	-197.32	-12.18	50.81	2.78
42315	95.78	5.08	-8.30	-10.66	136.16	-152.88	-10.16	43.33	6.72
42316	96.98	5.08	-8.30	-12.66	118.03	-110.89	-8.10	33.25	11.09
42317	79.04	6.15	-8.30	-41.70	323.92	-834.15	-25.96	-185.62	-18.68
42318	80.21	6.15	-8.30	-27.28	316.69	-789.87	-25.88	-144.25	-16.03
42319	81.39	6.16	-8.30	-16.11	308.19	-743.85	-25.89	-106.02	-13.71
42320	82.56	6.16	-8.30	-7.86	298.48	-696.59	-25.90	-71.41	-11.65
42321	83.74	6.16	-8.30	-2.13	287.62	-648.54	-25.85	-40.76	-9.79
42322	84.91	6.16	-8.30	1.47	275.68	-600.11	-25.65	-14.27	-8.05
42323	86.09	6.16	-8.30	3.36	262.77	-551.66	-25.27	7.98	-6.33
42324	87.26	6.17	-8.30	3.94	248.99	-503.47	-24.67	26.02	-4.55
42325	88.44	6.17	-8.30	3.59	234.45	-455.74	-23.81	39.98	-2.62
42326	89.61	6.17	-8.30	2.62	219.27	-408.57	-22.67	50.07	-0.45
42327	90.79	6.17	-8.30	1.24	203.55	-361.91	-21.24	56.54	2.05
42328	91.96	6.17	-8.30	-0.45	187.41	-315.62	-19.54	59.65	4.90
42329	93.14	6.18	-8.30	-2.48	170.92	-269.48	-17.65	59.60	8.12
42330	94.31	6.18	-8.30	-4.92	154.13	-223.45	-15.63	56.47	11.68
42331	95.49	6.18	-8.30	-7.69	137.08	-177.95	-13.56	50.24	15.51
42332	96.66	6.18	-8.30	-10.40	119.83	-134.05	-11.47	41.04	19.60
42333	79.03	7.25	-8.30	-38.34	312.77	-850.27	-29.61	-180.85	-8.38
42334	80.18	7.25	-8.30	-24.61	305.99	-806.68	-29.58	-141.30	-5.52
42335	81.33	7.25	-8.30	-13.86	298.04	-761.62	-29.64	-104.52	-3.13
42336	82.48	7.25	-8.30	-5.79	288.95	-715.52	-29.70	-71.02	-1.03
42337	83.63	7.25	-8.30	-0.07	278.78	-668.78	-29.66	-41.16	0.84
42338	84.78	7.26	-8.30	3.66	267.60	-621.76	-29.45	-15.13	2.57
42339	85.93	7.26	-8.30	5.78	255.51	-574.76	-29.02	6.99	4.25
42340	87.08	7.26	-8.30	6.64	242.62	-528.01	-28.33	25.23	5.98
42341	88.23	7.26	-8.30	6.59	229.03	-481.67	-27.35	39.71	7.89
42342	89.38	7.26	-8.30	5.92	214.85	-435.76	-26.08	50.60	10.07
42343	90.53	7.26	-8.30	4.82	200.17	-390.17	-24.51	58.13	12.62
42344	91.68	7.26	-8.30	3.33	185.10	-344.61	-22.69	62.54	15.57
42345	92.83	7.26	-8.30	1.37	169.69	-298.74	-20.74	63.90	18.91
42346	93.98	7.26	-8.30	-1.22	153.94	-252.33	-18.76	62.18	22.50
42347	95.13	7.26	-8.30	-4.40	137.84	-205.68	-16.83	57.21	26.17
42348	96.28	7.26	-8.30	-7.76	121.51	-159.83	-14.88	48.96	29.82
42349	98.27	3.96	-2.70	88.69	-218.01	-12.10	-62.48	-2.55	24.03
42350	99.12	3.96	-2.70	80.27	-243.80	1.78	-23.27	-10.58	2.04
42351	99.98	3.96	-2.70	56.48	-261.09	1.70	-3.79	-9.99	4.91
42352	100.83	3.96	-2.70	29.98	-269.13	2.61	11.50	-7.29	6.72
42353	101.69	3.96	-2.70	5.37	-267.73	2.66	27.70	-3.83	12.13
42354	98.01	5.08	-2.70	81.49	-241.51	-33.18	-71.49	12.65	35.24
42355	98.87	5.08	-2.70	81.03	-251.73	1.25	-22.04	-7.80	3.57
42356	99.74	5.08	-2.70	58.52	-263.46	1.05	1.42	-9.73	6.15
42357	100.60	5.07	-2.70	30.59	-267.97	2.43	18.76	-7.93	8.03
42358	101.47	5.07	-2.70	3.50	-263.62	2.76	36.56	-4.93	14.14
42359	97.69	6.18	-2.70	74.59	-269.25	-57.31	-79.86	29.11	49.02
42360	98.57	6.18	-2.70	82.07	-260.61	0.64	-20.37	-4.75	5.51
42361	99.44	6.18	-2.70	60.68	-265.80	0.28	6.87	-9.51	7.39
42362	100.32	6.18	-2.70	31.13	-266.24	2.19	25.98	-8.69	9.17
42363	101.20	6.17	-2.70	1.10	-258.52	2.79	45.08	-6.23	16.02
42364	97.31	7.26	-2.70	68.01	-301.15	-84.35	-87.28	46.42	65.71
42365	98.20	7.26	-2.70	83.35	-270.31	-0.18	-18.19	-1.51	7.94
42366	99.09	7.26	-2.70	62.89	-268.01	-0.66	12.55	-9.33	8.65
42367	99.98	7.26	-2.70	31.47	-264.14	1.84	32.97	-9.67	10.04
42368	100.87	7.26	-2.70	-1.61	-252.52	2.77	53.22	-7.62	17.65
42369	98.27	3.96	-4.10	26.82	-137.09	-25.78	-17.88	8.30	13.04
42370	99.12	3.96	-4.10	33.64	-160.46	-1.55	-8.68	-11.76	11.31
42371	99.98	3.96	-4.10	29.97	-177.51	5.79	3.66	-17.56	13.39
42372	100.83	3.96	-4.10	18.38	-188.06	9.94	13.72	-15.32	19.44

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
42373	101.69	3.96	-4.10	3.40	-192.23	13.08	23.46	-9.56	29.68
42374	98.01	5.08	-4.10	25.50	-144.51	-47.20	-19.64	21.28	22.01
42375	98.87	5.08	-4.10	29.49	-164.16	-9.39	-8.78	-3.41	16.68
42376	99.74	5.08	-4.10	27.64	-177.24	3.66	6.76	-15.35	16.70
42377	100.60	5.07	-4.10	16.74	-185.44	8.90	18.88	-15.92	22.91
42378	101.47	5.07	-4.10	1.40	-187.70	13.18	29.98	-11.67	34.41
42379	97.69	6.18	-4.10	24.39	-153.31	-71.87	-21.05	35.27	33.28
42380	98.57	6.18	-4.10	25.15	-168.76	-18.60	-9.31	5.67	23.52
42381	99.44	6.18	-4.10	25.03	-177.01	1.00	9.40	-13.06	20.45
42382	100.32	6.18	-4.10	14.80	-182.36	7.48	23.59	-16.73	26.39
42383	101.20	6.17	-4.10	-1.11	-182.37	13.04	36.03	-14.23	39.01
42384	97.31	7.26	-4.10	23.48	-163.41	-99.67	-22.01	50.00	47.01
42385	98.20	7.26	-4.10	20.78	-174.31	-29.12	-10.19	15.29	31.83
42386	99.09	7.26	-4.10	22.23	-176.77	-2.21	11.60	-10.70	24.63
42387	99.98	7.26	-4.10	12.51	-178.84	5.66	27.74	-17.92	29.69
42388	100.87	7.26	-4.10	-3.90	-176.25	12.65	41.49	-17.15	43.27
42389	98.27	3.96	-5.50	4.39	-60.73	-37.11	-5.71	12.38	9.73
42390	99.12	3.96	-5.50	7.88	-81.56	-6.98	0.00	-6.35	13.85
42391	99.98	3.96	-5.50	10.01	-99.46	9.35	6.12	-16.09	19.78
42392	100.83	3.96	-5.50	7.40	-113.39	20.01	12.06	-17.03	27.91
42393	101.69	3.96	-5.50	0.94	-123.54	29.42	16.81	-11.91	39.27
42394	98.01	5.08	-5.50	3.80	-62.80	-56.96	-6.71	22.77	17.67
42395	98.87	5.08	-5.50	5.39	-81.63	-17.97	0.00	1.52	20.22
42396	99.74	5.08	-5.50	7.15	-97.77	3.98	7.65	-12.53	25.14
42397	100.60	5.07	-5.50	5.31	-110.26	17.30	15.14	-17.06	33.43
42398	101.47	5.07	-5.50	-0.70	-119.36	28.62	20.92	-14.25	46.02
42399	97.69	6.18	-5.50	3.44	-65.31	-79.71	-7.72	33.91	27.42
42400	98.57	6.18	-5.50	2.86	-81.83	-30.60	-0.43	10.00	27.88
42401	99.44	6.18	-5.50	4.06	-95.85	-2.25	8.58	-8.80	31.07
42402	100.32	6.18	-5.50	2.97	-106.54	14.11	17.66	-17.30	38.97
42403	101.20	6.17	-5.50	-2.66	-114.39	27.54	24.55	-17.14	52.56
42404	97.31	7.26	-5.50	3.32	-68.27	-105.24	-8.71	45.53	39.29
42405	98.20	7.26	-5.50	0.44	-82.27	-44.84	-1.28	18.94	37.08
42406	99.09	7.26	-5.50	0.87	-93.75	-9.29	8.92	-4.94	37.84
42407	99.98	7.26	-5.50	0.38	-102.35	10.45	19.53	-17.90	44.65
42408	100.87	7.26	-5.50	-4.74	-108.67	26.27	27.61	-20.46	58.95
42409	98.27	3.96	-6.90	-7.72	16.26	-45.15	-2.04	13.61	9.40
42410	99.12	3.96	-6.90	-5.15	-5.34	-11.09	1.42	-2.40	16.04
42411	99.98	3.96	-6.90	-1.83	-25.44	12.44	4.77	-12.33	23.87
42412	100.83	3.96	-6.90	0.09	-43.45	30.29	7.70	-15.15	33.07
42413	101.69	3.96	-6.90	-0.54	-59.35	47.28	9.48	-11.67	44.04
42414	98.01	5.08	-6.90	-7.54	17.15	-63.45	-3.64	22.25	16.71
42415	98.87	5.08	-6.90	-6.42	-3.49	-23.26	0.50	4.32	22.68
42416	99.74	5.08	-6.90	-3.59	-22.79	4.90	4.82	-8.79	30.17
42417	100.60	5.07	-6.90	-1.38	-40.18	25.71	8.74	-14.82	39.78
42418	101.47	5.07	-6.90	-1.48	-55.64	44.98	11.26	-14.02	51.89
42419	97.69	6.18	-6.90	-7.10	17.91	-84.37	-5.42	31.45	25.59
42420	98.57	6.18	-6.90	-7.61	-1.61	-37.16	-0.85	11.49	30.48
42421	99.44	6.18	-6.90	-5.44	-19.92	-3.71	4.32	-5.14	37.12
42422	100.32	6.18	-6.90	-3.00	-36.51	20.45	9.24	-14.68	46.66
42423	101.20	6.17	-6.90	-2.60	-51.39	42.19	12.62	-16.90	59.60
42424	97.31	7.26	-6.90	-6.37	18.48	-107.81	-7.36	40.99	36.21
42425	98.20	7.26	-6.90	-8.61	0.15	-52.76	-2.64	18.97	39.59
42426	99.09	7.26	-6.90	-7.27	-16.90	-13.39	3.29	-1.40	44.85
42427	99.98	7.26	-6.90	-4.77	-32.57	14.48	9.16	-14.89	53.65
42428	100.87	7.26	-6.90	-3.70	-46.76	38.98	13.52	-20.21	67.03
42429	98.27	3.96	-8.30	-14.38	94.56	-50.54	-2.80	12.56	9.99
42430	99.12	3.96	-8.30	-12.25	70.43	-13.25	-0.88	-0.71	17.54
42431	99.98	3.96	-8.30	-8.51	46.90	16.10	0.63	-9.26	25.99
42432	100.83	3.96	-8.30	-4.28	24.15	40.18	1.64	-12.18	35.26
42433	101.69	3.96	-8.30	-1.08	2.19	64.18	1.49	-10.55	45.45
42434	98.01	5.08	-8.30	-13.55	97.02	-67.49	-5.74	19.84	16.68
42435	98.87	5.08	-8.30	-12.44	73.20	-25.82	-3.27	4.93	24.01
42436	99.74	5.08	-8.30	-9.13	49.82	7.14	-1.05	-6.17	32.50
42437	100.60	5.07	-8.30	-4.73	27.15	33.97	0.62	-11.92	42.35
42438	101.47	5.07	-8.30	-1.18	5.32	60.01	0.95	-12.90	53.82
42439	97.69	6.18	-8.30	-12.38	99.47	-86.83	-8.94	27.53	24.73
42440	98.57	6.18	-8.30	-12.41	76.01	-40.16	-6.05	10.87	31.50
42441	99.44	6.18	-8.30	-9.67	52.88	-3.04	-3.24	-3.06	39.63
42442	100.32	6.18	-8.30	-5.22	30.38	26.89	-0.89	-11.88	49.64
42443	101.20	6.17	-8.30	-1.33	8.75	54.92	0.13	-15.68	61.86
42444	97.31	7.26	-8.30	-10.83	101.82	-108.50	-12.38	35.48	34.26
42445	98.20	7.26	-8.30	-12.09	78.77	-56.24	-9.24	17.03	40.10
42446	99.09	7.26	-8.30	-10.06	56.05	-14.47	-5.86	0.09	47.47
42447	99.98	7.26	-8.30	-5.75	33.72	18.87	-2.89	-12.15	57.06
42448	100.87	7.26	-8.30	-1.41	12.23	49.08	-1.01	-18.81	69.54
42449	77.84	3.95	-2.70	260.62	-29.85	-1182.96	31.18	-233.37	35.89
42450	77.85	5.05	-2.70	249.71	-45.80	-1195.96	40.13	-231.00	62.61
42451	77.86	6.15	-2.70	235.88	-65.62	-1209.15	49.08	-228.05	90.14
42452	77.87	7.25	-2.70	219.15	-89.35	-1223.30	57.94	-224.63	118.31
42453	76.63	3.95	-2.70	289.71	-32.21	-1229.31	38.71	-297.54	36.00
42454	76.66	5.05	-2.70	277.14	-48.58	-1241.80	49.85	-293.11	62.53
42455	76.69	6.15	-2.70	261.24	-68.78	-1254.43	60.84	-287.47	89.86
42456	76.72	7.25	-2.70	242.09	-92.82	-1267.97	71.50	-280.80	117.83
42457	75.42	3.95	-2.70	318.81	-35.70	-1264.32	46.77	-363.91	35.89
42458	75.46	5.06	-2.70	304.58	-52.61	-1276.95	60.29	-357.17	61.98
42459	75.51	6.16	-2.70	286.57	-73.25	-1289.83	73.54	-348.53	88.86
42460	75.57	7.25	-2.70	264.87	-97.56	-1303.75	86.18	-338.24	116.43
42461	74.21	3.95	-2.70	347.94	-40.16	-1286.54	55.16	-430.98	35.62
42462	74.27	5.06	-2.70	332.16	-57.77	-1300.07	71.27	-421.75	61.00
42463	74.34	6.16	-2.70	312.06	-78.95	-1314.18	87.01	-409.88	87.17
42464	74.42	7.25	-2.70	287.72	-103.56	-1329.61	101.91	-395.69	114.12
42465	73.00	3.95	-2.70	377.15	-45.32	-1294.50	63.58	-497.28	35.33
42466	73.07	5.06	-2.70	360.05	-63.89	-1309.86	82.48	-485.49	59.76
42467	73.16	6.16	-2.70	337.98	-85.82	-1326.32	101.02	-470.25	84.94
42468	73.27	7.25	-2.70	310.98	-110.82	-1344.55	118.51	-451.98	111.01
42469	71.78	3.95	-2.70	406.32	-50.83	-1286.67	71.67	-561.34	35.37
42470	71.87	5.06	-2.70	388.32	-70.73	-1304.88	93.52	-547.10	58.62
42471	71.99	6.16	-2.70	364.60	-93.74	-1324.97	115.20	-528.51	82.53

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
42472	72.12	7.26	-2.70	335.03	-119.36	-1347.48	135.73	-506.05	107.42
42473	70.57	3.96	-2.70	434.86	-56.19	-1261.25	79.01	-621.67	36.28
42474	70.68	5.06	-2.70	416.67	-77.92	-1283.45	103.88	-605.32	58.22
42475	70.81	6.16	-2.70	391.93	-102.55	-1308.61	129.06	-583.63	80.57
42476	70.97	7.26	-2.70	360.12	-129.20	-1337.12	153.22	-557.04	103.91
42477	69.36	3.96	-2.70	461.34	-60.80	-1216.11	85.28	-676.39	38.87
42478	69.48	5.07	-2.70	443.98	-84.92	-1243.47	113.02	-658.63	59.55
42479	69.64	6.17	-2.70	419.35	-111.95	-1275.28	141.97	-634.46	80.09
42480	69.82	7.26	-2.70	386.14	-140.35	-1311.76	170.46	-604.07	101.41
42481	68.15	3.96	-2.70	483.10	-64.01	-1148.87	90.55	-722.50	44.12
42482	68.29	5.07	-2.70	467.85	-90.96	-1182.52	120.56	-704.56	63.97
42483	68.46	6.17	-2.70	445.16	-121.41	-1222.58	153.16	-679.19	82.66
42484	68.67	7.26	-2.70	412.27	-152.76	-1269.25	186.73	-645.94	101.42
42485	66.94	3.96	-2.70	496.24	-65.52	-1057.84	95.82	-754.61	52.85
42486	67.09	5.07	-2.70	484.18	-95.02	-1098.59	126.69	-738.27	73.10
42487	67.29	6.17	-2.70	466.08	-129.98	-1148.20	161.89	-714.15	90.53
42488	67.52	7.26	-2.70	436.71	-166.23	-1207.20	200.98	-680.27	106.24
42489	65.72	3.96	-2.70	497.18	-66.30	-944.36	103.71	-763.36	64.92
42490	65.90	5.07	-2.70	487.80	-96.17	-992.49	133.08	-750.58	88.20
42491	66.11	6.17	-2.70	477.24	-136.13	-1051.83	167.82	-731.84	106.62
42492	66.37	7.26	-2.70	456.68	-180.21	-1124.28	211.80	-702.13	119.46
42493	64.51	3.96	-2.70	487.38	-70.57	-817.57	118.83	-735.19	77.90
42494	64.70	5.07	-2.70	475.76	-94.78	-873.04	144.11	-726.18	108.67
42495	64.94	6.17	-2.70	473.94	-137.84	-939.93	171.74	-718.42	134.14
42496	65.22	7.26	-2.70	469.85	-193.77	-1023.45	217.33	-702.29	146.65
42497	63.30	3.96	-2.70	482.74	-87.72	-699.74	146.27	-658.24	86.44
42498	63.51	5.08	-2.70	455.98	-95.70	-764.83	167.22	-646.57	129.74
42499	63.76	6.18	-2.70	457.91	-134.71	-834.17	177.05	-653.79	174.95
42500	64.07	7.26	-2.70	478.58	-206.15	-918.17	215.99	-666.88	195.94
42501	62.09	3.96	-2.70	520.37	-127.49	-621.29	185.95	-540.54	87.34
42502	62.31	5.08	-2.70	460.86	-112.92	-709.95	206.86	-507.35	144.77
42503	62.59	6.18	-2.70	452.24	-137.45	-777.87	190.68	-524.15	226.57
42504	62.92	7.26	-2.70	500.10	-220.86	-838.48	210.27	-584.48	275.14
42505	60.88	3.96	-2.70	637.90	-176.11	-573.85	232.07	-427.58	97.37
42506	61.12	5.08	-2.70	548.13	-162.82	-713.13	249.12	-358.92	171.95
42507	61.41	6.18	-2.70	517.26	-189.26	-790.13	221.35	-369.98	284.03
42508	61.77	7.26	-2.70	576.66	-261.40	-807.80	218.22	-475.04	373.50
42509	59.67	3.96	-2.70	829.48	-222.52	-456.97	306.76	-339.43	179.72
42510	59.92	5.08	-2.70	735.57	-274.25	-581.29	303.36	-286.75	250.60
42511	60.24	6.18	-2.70	698.18	-334.17	-683.23	302.44	-302.51	332.80
42512	60.62	7.26	-2.70	720.45	-410.71	-703.19	292.84	-420.47	424.20
42513	77.84	3.95	-4.10	179.00	42.52	-1083.40	21.43	-250.52	11.18
42514	77.85	5.05	-4.10	171.36	27.82	-1096.49	27.70	-246.87	30.97
42515	77.86	6.15	-4.10	161.60	9.68	-1110.45	34.06	-242.38	51.62
42516	77.87	7.25	-4.10	149.76	-11.80	-1126.02	40.47	-237.14	73.04
42517	76.63	3.95	-4.10	195.87	41.55	-1127.01	27.16	-311.65	10.22
42518	76.66	5.05	-4.10	187.27	26.47	-1139.87	35.08	-305.98	29.61
42519	76.69	6.15	-4.10	176.30	8.00	-1153.56	42.97	-298.89	49.88
42520	76.72	7.25	-4.10	163.02	-13.74	-1168.81	50.71	-290.55	70.94
42521	75.42	3.95	-4.10	211.75	39.33	-1161.24	33.17	-374.64	9.06
42522	75.46	5.06	-4.10	202.30	23.82	-1174.45	42.87	-366.75	27.82
42523	75.51	6.16	-4.10	190.22	4.99	-1188.61	52.43	-356.81	47.49
42524	75.57	7.25	-4.10	175.55	-16.98	-1204.44	61.63	-345.09	68.06
42525	74.21	3.95	-4.10	226.45	36.00	-1184.68	39.29	-438.06	7.76
42526	74.27	5.06	-4.10	216.36	19.94	-1198.95	50.88	-427.83	25.67
42527	74.34	6.16	-4.10	203.32	0.69	-1214.48	62.28	-414.86	44.54
42528	74.42	7.25	-4.10	187.39	-21.47	-1231.94	73.11	-399.51	64.42
42529	73.00	3.95	-4.10	239.70	31.71	-1195.90	45.30	-500.38	6.50
42530	73.07	5.06	-4.10	229.28	14.94	-1212.06	58.89	-487.78	23.36
42531	73.16	6.16	-4.10	215.60	-4.84	-1229.97	72.29	-471.72	41.18
42532	73.27	7.25	-4.10	198.61	-27.22	-1250.23	84.97	-452.62	60.14
42533	71.78	3.95	-4.10	251.04	26.69	-1193.36	50.92	-559.89	5.59
42534	71.87	5.06	-4.10	240.78	8.97	-1212.34	66.57	-545.08	21.21
42535	71.99	6.16	-4.10	226.91	-11.54	-1233.78	82.16	-526.03	37.75
42536	72.12	7.26	-4.10	209.24	-34.27	-1258.17	96.97	-503.21	55.52
42537	70.57	3.96	-4.10	259.65	21.19	-1175.43	55.89	-614.62	5.48
42538	70.68	5.06	-4.10	250.23	2.22	-1198.21	73.59	-597.99	19.78
42539	70.81	6.16	-4.10	236.89	-19.34	-1224.45	91.53	-576.30	34.80
42540	70.97	7.26	-4.10	219.17	-42.65	-1254.47	108.77	-549.99	51.07
42541	69.36	3.96	-4.10	264.29	15.44	-1140.50	60.05	-662.02	6.82
42542	69.48	5.07	-4.10	256.59	-5.07	-1168.08	79.63	-644.28	19.85
42543	69.64	6.17	-4.10	244.83	-28.11	-1200.42	99.98	-620.69	33.18
42544	69.82	7.26	-4.10	228.02	-52.38	-1237.73	119.99	-591.48	47.58
42545	68.15	3.96	-4.10	263.35	9.59	-1087.43	63.53	-698.58	10.32
42546	68.29	5.07	-4.10	258.33	-12.66	-1120.65	84.55	-680.86	22.44
42547	68.46	6.17	-4.10	249.54	-37.67	-1160.30	107.12	-656.65	34.10
42548	68.67	7.26	-4.10	235.16	-63.50	-1206.57	130.15	-625.74	46.28
42549	66.94	3.96	-4.10	255.55	3.40	-1016.54	66.95	-719.32	16.55
42550	67.09	5.07	-4.10	253.92	-20.35	-1055.92	88.62	-703.11	28.66
42551	67.29	6.17	-4.10	249.70	-47.79	-1103.63	112.71	-680.37	39.15
42552	67.52	7.26	-4.10	239.84	-76.06	-1160.14	138.76	-649.92	48.88
42553	65.72	3.96	-4.10	241.66	-4.19	-931.43	71.59	-717.98	25.53
42554	65.90	5.07	-4.10	243.20	-28.31	-977.00	92.84	-704.78	39.35
42555	66.11	6.17	-4.10	244.74	-58.23	-1032.40	116.97	-686.43	50.17
42556	66.37	7.26	-4.10	241.87	-90.06	-1099.20	145.42	-660.05	57.71
42557	64.51	3.96	-4.10	227.57	-15.72	-840.80	79.16	-689.08	36.29
42558	64.70	5.07	-4.10	230.30	-37.71	-892.37	99.17	-679.31	54.36
42559	64.94	6.17	-4.10	237.25	-69.17	-953.42	120.96	-668.44	68.83
42560	65.22	7.26	-4.10	243.30	-105.70	-1027.82	150.29	-651.45	75.73
42561	63.30	3.96	-4.10	227.01	-35.15	-757.40	90.60	-633.77	47.26
42562	63.51	5.08	-4.10	227.66	-51.56	-816.31	109.75	-625.26	72.13
42563	63.76	6.18	-4.10	236.97	-82.39	-879.62	127.02	-623.18	95.64
42564	64.07	7.26	-4.10	251.16	-124.11	-954.50	155.01	-621.30	105.71
42565	62.09	3.96	-4.10	257.74	-65.65	-686.81	104.57	-567.61	58.66
42566	62.31	5.08	-4.10	256.26	-74.71	-757.93	124.66	-557.15	91.20
42567	62.59	6.18	-4.10	263.87	-103.02	-822.29	138.41	-561.10	128.35
42568	62.92	7.26	-4.10	279.82	-148.88	-888.04	164.57	-575.62	147.18
42569	60.88	3.96	-4.10	324.98	-107.74	-608.45	117.60	-514.44	75.14
42570	61.12	5.08	-4.10	329.73	-113.46	-693.29	142.41	-507.75	112.20

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
42571	61.41	6.18	-4.10	336.58	-138.44	-762.87	158.39	-515.02	159.27
42572	61.77	7.26	-4.10	345.24	-186.86	-820.10	187.36	-537.24	188.31
42573	59.67	3.96	-4.10	414.27	-156.69	-480.74	124.18	-471.72	94.96
42574	59.92	5.08	-4.10	432.30	-170.27	-558.69	160.91	-487.84	130.00
42575	60.24	6.18	-4.10	440.71	-191.68	-632.67	184.33	-506.29	170.54
42576	60.62	7.26	-4.10	442.61	-229.74	-701.69	222.70	-528.12	200.79
42577	77.84	3.95	-5.50	94.92	130.59	-995.43	9.62	-257.43	-9.55
42578	77.85	5.05	-5.50	90.96	117.91	-1008.50	12.66	-253.00	4.50
42579	77.86	6.15	-5.50	85.73	102.31	-1022.94	15.87	-247.55	19.62
42580	77.87	7.25	-5.50	79.26	84.01	-1039.46	19.27	-241.14	35.81
42581	76.63	3.95	-5.50	98.72	131.44	-1037.02	13.29	-315.10	-11.20
42582	76.66	5.05	-5.50	94.51	118.43	-1050.04	17.41	-308.79	2.31
42583	76.69	6.15	-5.50	88.93	102.53	-1064.40	21.63	-300.95	16.93
42584	76.72	7.25	-5.50	82.01	83.96	-1080.75	25.89	-291.75	32.67
42585	75.42	3.95	-5.50	100.43	131.00	-1071.05	17.00	-374.25	-13.03
42586	75.46	5.06	-5.50	96.17	117.63	-1084.53	22.27	-365.92	-0.23
42587	75.51	6.16	-5.50	90.46	101.44	-1099.48	27.57	-355.51	13.75
42588	75.57	7.25	-5.50	83.32	82.68	-1116.50	32.75	-343.33	28.99
42589	74.21	3.95	-5.50	99.73	129.37	-1096.26	20.61	-433.45	-14.92
42590	74.27	5.06	-5.50	95.72	115.58	-1110.86	27.06	-423.02	-3.00
42591	74.34	6.16	-5.50	90.19	99.08	-1127.18	33.50	-409.95	10.19
42592	74.42	7.25	-5.50	83.12	80.22	-1145.81	39.69	-394.61	24.81
42593	73.00	3.95	-5.50	96.27	126.65	-1111.38	23.92	-491.06	-16.70
42594	73.07	5.06	-5.50	92.90	112.36	-1127.81	31.55	-478.60	-5.81
42595	73.16	6.16	-5.50	87.98	95.52	-1146.41	39.21	-462.88	6.42
42596	73.27	7.25	-5.50	81.39	76.59	-1167.68	46.51	-444.35	20.26
42597	71.78	3.95	-5.50	89.54	122.97	-1115.06	26.73	-545.23	-18.10
42598	71.87	5.06	-5.50	87.34	108.07	-1134.13	35.52	-530.94	-8.35
42599	71.99	6.16	-5.50	83.59	90.80	-1156.00	44.42	-512.79	2.75
42600	72.12	7.26	-5.50	78.04	71.80	-1181.06	52.95	-491.23	15.61
42601	70.57	3.96	-5.50	78.85	118.44	-1105.98	28.86	-593.74	-18.71
42602	70.68	5.06	-5.50	78.48	102.80	-1128.52	38.71	-578.07	-10.15
42603	70.81	6.16	-5.50	76.65	84.99	-1154.71	48.86	-557.93	-0.31
42604	70.97	7.26	-5.50	72.89	65.84	-1184.82	58.72	-533.78	11.36
42605	69.36	3.96	-5.50	63.42	113.12	-1083.00	30.24	-633.94	-18.03
42606	69.48	5.07	-5.50	65.63	96.64	-1109.84	40.93	-617.60	-10.57
42607	69.64	6.17	-5.50	66.66	78.15	-1141.41	52.25	-596.28	-2.04
42608	69.82	7.26	-5.50	65.69	58.75	-1177.85	63.49	-570.31	8.24
42609	68.15	3.96	-5.50	42.54	106.93	-1045.64	30.95	-662.61	-15.50
42610	68.29	5.07	-5.50	48.11	89.63	-1077.42	42.14	-646.62	-8.80
42611	68.46	6.17	-5.50	53.06	70.33	-1115.26	54.37	-625.35	-1.49
42612	68.67	7.26	-5.50	56.12	50.53	-1159.22	66.95	-598.86	7.28
42613	66.94	3.96	-5.50	16.24	99.46	-994.66	31.37	-676.16	-10.61
42614	67.09	5.07	-5.50	25.71	81.64	-1031.76	42.57	-661.78	-4.01
42615	67.29	6.17	-5.50	35.61	61.55	-1076.32	55.20	-642.24	2.52
42616	67.52	7.26	-5.50	44.08	41.17	-1128.56	68.89	-617.12	9.84
42617	65.72	3.96	-5.50	-13.86	89.85	-932.80	32.15	-671.45	-3.11
42618	65.90	5.07	-5.50	-0.43	72.24	-975.20	42.82	-659.88	4.48
42619	66.11	6.17	-5.50	15.00	51.67	-1026.18	55.10	-644.07	11.23
42620	66.37	7.26	-5.50	30.08	30.65	-1086.48	69.31	-622.84	17.52
42621	64.51	3.96	-5.50	-43.72	76.57	-864.64	34.01	-647.70	6.98
42622	64.70	5.07	-5.50	-26.83	60.43	-912.09	43.86	-639.69	16.97
42623	64.94	6.17	-5.50	-6.19	40.21	-968.24	54.96	-629.30	25.61
42624	65.22	7.26	-5.50	15.82	18.81	-1034.86	68.85	-614.72	31.97
42625	63.30	3.96	-5.50	-67.86	57.61	-794.04	37.37	-609.11	19.55
42626	63.51	5.08	-5.50	-48.03	44.52	-846.49	46.64	-604.77	33.23
42627	63.76	6.18	-5.50	-23.34	25.95	-906.13	56.29	-600.36	45.76
42628	64.07	7.26	-5.50	4.35	4.99	-975.82	69.15	-594.05	54.05
42629	62.09	3.96	-5.50	-84.12	30.83	-718.98	42.11	-564.41	34.85
42630	62.31	5.08	-5.50	-60.88	22.12	-776.23	51.74	-564.39	52.61
42631	62.59	6.18	-5.50	-33.11	7.00	-838.34	60.89	-565.29	70.14
42632	62.92	7.26	-5.50	-2.16	-11.89	-908.21	72.75	-566.24	82.28
42633	60.88	3.96	-5.50	-99.46	-5.32	-630.17	47.70	-517.87	53.01
42634	61.12	5.08	-5.50	-72.56	-9.39	-689.20	58.89	-524.95	73.64
42635	61.41	6.18	-5.50	-41.77	-18.99	-753.38	69.66	-531.10	94.72
42636	61.77	7.26	-5.50	-8.81	-31.96	-823.49	81.71	-536.49	111.60
42637	59.67	3.96	-5.50	-128.24	-52.61	-534.29	52.51	-452.69	72.98
42638	59.92	5.08	-5.50	-101.15	-52.91	-587.46	64.98	-469.84	94.50
42639	60.24	6.18	-5.50	-68.20	-55.03	-650.27	79.87	-483.88	114.45
42640	60.62	7.26	-5.50	-32.77	-57.07	-721.14	94.42	-493.24	134.11
42641	77.84	3.95	-6.90	11.57	232.71	-918.18	-3.65	-253.98	-25.31
42642	77.85	5.05	-6.90	11.48	222.51	-930.85	-4.24	-249.21	-15.78
42643	77.86	6.15	-6.90	10.95	209.84	-945.17	-4.55	-243.35	-4.87
42644	77.87	7.25	-6.90	9.98	195.01	-961.78	-4.55	-236.42	7.57
42645	76.63	3.95	-6.90	1.68	235.70	-958.34	-2.17	-307.62	-27.34
42646	76.66	5.05	-6.90	2.02	225.16	-971.04	-2.22	-301.20	-18.40
42647	76.69	6.15	-6.90	1.97	212.19	-985.38	-2.01	-293.25	-8.02
42648	76.72	7.25	-6.90	1.52	197.09	-1001.89	-1.58	-283.94	3.89
42649	75.42	3.95	-6.90	-11.53	237.38	-992.65	-0.87	-362.39	-29.46
42650	75.46	5.06	-6.90	-10.47	226.51	-1005.83	-0.38	-354.22	-21.23
42651	75.51	6.16	-6.90	-9.71	213.26	-1020.76	0.35	-344.10	-11.45
42652	75.57	7.25	-6.90	-9.29	197.96	-1037.87	1.23	-332.33	0.00
42653	74.21	3.95	-6.90	-28.37	237.82	-1020.08	0.11	-416.86	-31.55
42654	74.27	5.06	-6.90	-26.22	226.59	-1034.30	1.10	-406.95	-24.13
42655	74.34	6.16	-6.90	-24.23	213.08	-1050.47	2.34	-394.62	-15.03
42656	74.42	7.25	-6.90	-22.50	197.67	-1068.98	3.69	-380.28	-4.03
42657	73.00	3.95	-6.90	-49.17	237.09	-1039.58	0.61	-469.39	-33.45
42658	73.07	5.06	-6.90	-45.48	225.48	-1055.42	2.03	-457.84	-26.92
42659	73.16	6.16	-6.90	-41.74	211.70	-1073.58	3.75	-443.41	-18.57
42660	73.27	7.25	-6.90	-38.17	196.27	-1094.37	5.58	-426.56	-8.08
42661	71.78	3.95	-6.90	-74.31	235.27	-1050.03	0.47	-518.04	-34.88
42662	71.87	5.06	-6.90	-68.53	223.24	-1068.17	2.21	-505.13	-29.29
42663	71.99	6.16	-6.90	-62.43	209.20	-1089.12	4.36	-488.90	-21.77
42664	72.12	7.26	-6.90	-56.36	193.78	-1113.11	6.66	-469.82	-11.87
42665	70.57	3.96	-6.90	-104.21	232.42	-1050.39	-0.42	-560.60	-35.49
42666	70.68	5.06	-6.90	-95.73	219.94	-1071.50	1.45	-546.81	-30.81
42667	70.81	6.16	-6.90	-86.53	205.63	-1096.07	3.93	-529.30	-24.15
42668	70.97	7.26	-6.90	-77.17	190.25	-1124.22	6.68	-508.55	-14.94
42669	69.36	3.96	-6.90	-139.29	228.51	-1039.79	-2.12	-594.50	-34.86



Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
42670	69.48	5.07	-6.90	-127.42	215.61	-1064.49	-0.34	-580.55	-30.94
42671	69.64	6.17	-6.90	-114.30	201.04	-1093.48	2.28	-562.60	-25.08
42672	69.82	7.26	-6.90	-100.73	185.74	-1126.74	5.39	-541.07	-16.59
42673	68.15	3.96	-6.90	-179.76	223.36	-1017.78	-4.52	-617.02	-32.49
42674	68.29	5.07	-6.90	-163.88	210.20	-1046.59	-3.16	-603.82	-29.00
42675	68.46	6.17	-6.90	-145.98	195.45	-1080.64	-0.68	-586.58	-23.75
42676	68.67	7.26	-6.90	-127.18	180.29	-1119.77	2.62	-565.55	-15.91
42677	66.94	3.96	-6.90	-225.44	216.60	-984.58	-7.36	-625.50	-27.91
42678	67.09	5.07	-6.90	-205.08	203.50	-1017.79	-6.78	-614.17	-24.30
42679	67.29	6.17	-6.90	-181.65	188.80	-1057.21	-4.84	-599.04	-19.21
42680	67.52	7.26	-6.90	-156.63	173.90	-1102.65	-1.65	-580.13	-11.79
42681	65.72	3.96	-6.90	-275.60	207.49	-941.14	-10.14	-618.18	-20.70
42682	65.90	5.07	-6.90	-250.54	195.07	-978.74	-10.71	-609.76	-16.18
42683	66.11	6.17	-6.90	-221.12	180.89	-1023.38	-9.80	-598.22	-10.53
42684	66.37	7.26	-6.90	-189.08	166.51	-1074.96	-7.20	-583.28	-3.02
42685	64.51	3.96	-6.90	-329.29	194.89	-888.52	-12.26	-595.00	-10.57
42686	64.70	5.07	-6.90	-299.56	184.11	-930.29	-14.22	-590.35	-4.19
42687	64.94	6.17	-6.90	-264.08	171.23	-979.52	-14.80	-583.56	3.02
42688	65.22	7.26	-6.90	-224.70	157.97	-1036.28	-13.34	-574.26	11.50
42689	63.30	3.96	-6.90	-386.70	177.20	-826.83	-12.99	-558.04	2.70
42690	63.51	5.08	-6.90	-352.48	169.35	-872.27	-16.39	-557.69	11.84
42691	63.76	6.18	-6.90	-311.07	158.99	-925.19	-18.73	-556.23	21.63
42692	64.07	7.26	-6.90	-264.40	147.74	-985.67	-18.87	-553.34	32.19
42693	62.09	3.96	-6.90	-450.93	152.40	-754.79	-11.63	-509.72	19.22
42694	62.31	5.08	-6.90	-412.59	149.04	-802.95	-16.32	-514.06	31.68
42695	62.59	6.18	-6.90	-365.39	142.93	-858.55	-20.50	-517.85	44.74
42696	62.92	7.26	-6.90	-311.28	135.13	-921.20	-22.63	-521.12	58.37
42697	60.88	3.96	-6.90	-527.42	117.86	-674.47	-7.68	-448.98	38.97
42698	61.12	5.08	-6.90	-486.11	120.84	-723.37	-13.51	-458.24	54.86
42699	61.41	6.18	-6.90	-433.41	121.39	-780.04	-19.59	-466.98	71.03
42700	61.77	7.26	-6.90	-371.30	119.30	-843.13	-24.17	-475.66	88.36
42701	59.67	3.96	-6.90	-616.16	70.87	-598.30	-1.52	-372.61	62.38
42702	59.92	5.08	-6.90	-574.44	82.36	-643.99	-8.22	-386.94	81.62
42703	60.24	6.18	-6.90	-517.94	92.95	-698.20	-16.81	-400.22	100.12
42704	60.62	7.26	-6.90	-447.78	99.93	-758.55	-24.64	-413.02	120.71
42705	77.84	3.95	-8.30	-67.60	347.04	-851.06	-17.80	-240.01	-35.55
42706	77.85	5.05	-8.30	-63.78	339.52	-862.77	-22.22	-235.30	-29.48
42707	77.86	6.15	-8.30	-59.66	329.84	-876.19	-26.24	-229.53	-21.65
42708	77.87	7.25	-8.30	-55.28	318.33	-891.93	-29.84	-222.71	-11.81
42709	76.63	3.95	-8.30	-91.66	352.32	-890.19	-18.53	-288.83	-37.70
42710	76.66	5.05	-8.30	-86.77	344.45	-901.94	-22.91	-282.73	-32.18
42711	76.69	6.15	-8.30	-81.39	334.42	-915.41	-26.86	-275.24	-24.84
42712	76.72	7.25	-8.30	-75.60	322.62	-931.15	-30.36	-266.48	-15.53
42713	75.42	3.95	-8.30	-120.45	356.28	-925.07	-19.65	-338.51	-39.84
42714	75.46	5.06	-8.30	-114.13	348.03	-937.22	-24.05	-330.99	-34.96
42715	75.51	6.16	-8.30	-107.06	337.66	-951.16	-27.96	-321.74	-28.11
42716	75.57	7.25	-8.30	-99.40	325.61	-967.39	-31.39	-311.05	-19.17
42717	74.21	3.95	-8.30	-154.23	358.94	-954.92	-21.29	-387.71	-41.86
42718	74.27	5.06	-8.30	-146.04	350.31	-967.89	-25.80	-378.81	-37.65
42719	74.34	6.16	-8.30	-136.79	339.61	-982.80	-29.74	-367.84	-31.31
42720	74.42	7.25	-8.30	-126.71	327.33	-1000.06	-33.13	-355.16	-22.60
42721	73.00	3.95	-8.30	-193.21	360.37	-978.91	-23.58	-434.80	-43.57
42722	73.07	5.06	-8.30	-182.66	351.34	-993.17	-28.34	-424.69	-40.07
42723	73.16	6.16	-8.30	-170.66	340.31	-1009.59	-32.39	-412.16	-34.23
42724	73.27	7.25	-8.30	-157.54	327.84	-1028.52	-35.80	-397.64	-25.72
42725	71.78	3.95	-8.30	-237.58	360.62	-996.17	-26.64	-477.93	-44.74
42726	71.87	5.06	-8.30	-224.13	351.17	-1012.22	-31.82	-466.92	-41.91
42727	71.99	6.16	-8.30	-208.73	339.82	-1030.76	-36.12	-453.18	-36.57
42728	72.12	7.26	-8.30	-191.88	327.20	-1052.02	-39.60	-437.17	-28.28
42729	70.57	3.96	-8.30	-287.48	359.72	-1005.86	-30.56	-514.94	-45.05
42730	70.68	5.06	-8.30	-270.54	349.87	-1024.21	-36.37	-503.52	-42.81
42731	70.81	6.16	-8.30	-251.04	338.21	-1045.48	-41.08	-489.14	-37.92
42732	70.97	7.26	-8.30	-229.68	325.46	-1069.75	-44.74	-472.27	-29.81
42733	69.36	3.96	-8.30	-342.97	357.61	-1007.21	-35.34	-543.44	-44.12
42734	69.48	5.07	-8.30	-321.95	347.43	-1028.33	-42.05	-532.29	-42.26
42735	69.64	6.17	-8.30	-297.62	335.53	-1052.89	-47.39	-518.10	-37.68
42736	69.82	7.26	-8.30	-270.93	322.71	-1080.80	-51.37	-501.26	-29.71
42737	68.15	3.96	-8.30	-404.03	354.13	-999.61	-40.86	-560.92	-41.51
42738	68.29	5.07	-8.30	-378.39	343.79	-1023.87	-48.78	-550.92	-39.70
42739	68.46	6.17	-8.30	-348.54	331.76	-1052.16	-55.03	-537.96	-35.18
42740	68.67	7.26	-8.30	-315.68	318.96	-1084.21	-59.54	-522.34	-27.18
42741	66.94	3.96	-8.30	-470.52	348.91	-982.59	-46.84	-565.01	-36.77
42742	67.09	5.07	-8.30	-439.87	338.71	-1010.21	-56.31	-557.12	-34.54
42743	67.29	6.17	-8.30	-403.88	326.81	-1042.47	-63.81	-546.60	-29.66
42744	67.52	7.26	-8.30	-364.06	314.19	-1078.92	-69.13	-533.62	-21.33
42745	65.72	3.96	-8.30	-542.48	341.29	-955.72	-52.79	-553.84	-29.51
42746	65.90	5.07	-8.30	-506.57	331.79	-986.76	-64.13	-549.02	-26.18
42747	66.11	6.17	-8.30	-463.98	320.45	-1022.96	-73.30	-542.19	-20.36
42748	66.37	7.26	-8.30	-416.51	308.25	-1063.75	-79.81	-533.33	-11.26
42749	64.51	3.96	-8.30	-620.56	330.24	-918.32	-58.00	-526.31	-19.34
42750	64.70	5.07	-8.30	-579.31	322.28	-952.66	-71.51	-525.40	-14.18
42751	64.94	6.17	-8.30	-529.81	312.19	-992.58	-82.78	-523.29	-6.69
42752	65.22	7.26	-8.30	-474.13	300.92	-1037.32	-90.95	-519.88	3.81
42753	63.30	3.96	-8.30	-706.79	314.26	-869.39	-61.54	-482.01	-6.00
42754	63.51	5.08	-8.30	-660.29	309.04	-906.78	-77.48	-485.59	1.80
42755	63.76	6.18	-8.30	-603.56	301.25	-950.05	-91.33	-488.87	11.68
42756	64.07	7.26	-8.30	-538.99	291.60	-998.15	-101.65	-491.72	24.24
42757	62.09	3.96	-8.30	-804.82	291.16	-808.78	-62.28	-420.65	10.77
42758	62.31	5.08	-8.30	-753.41	290.44	-848.74	-80.92	-428.94	21.93
42759	62.59	6.18	-8.30	-689.05	286.54	-894.81	-98.06	-437.83	34.85
42760	62.92	7.26	-8.30	-614.39	279.50	-945.55	-111.31	-447.20	49.96
42761	60.88	3.96	-8.30	-918.54	258.00	-739.77	-58.94	-342.40	31.41
42762	61.12	5.08	-8.30	-863.15	264.25	-781.19	-80.63	-355.12	46.56
42763	61.41	6.18	-8.30	-790.96	266.67	-829.03	-102.15	-369.19	62.96
42764	61.77	7.26	-8.30	-704.68	264.07	-881.32	-119.74	-384.75	81.04
42765	59.67	3.96	-8.30	-1050.25	210.53	-672.65	-50.17	-249.44	56.93
42766	59.92	5.08	-8.30	-993.28	227.15	-713.19	-75.05	-265.45	76.70
42767	60.24	6.18	-8.30	-914.02	239.71	-760.45	-102.62	-283.31	96.90
42768	60.62	7.26	-8.30	-814.56	244.36	-812.20	-126.82	-303.38	117.86

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
42769	58.63	3.96	-2.70	1350.58	-364.14	-266.52	388.41	-215.05	206.92
42770	58.89	5.08	-2.70	1382.31	-410.56	-207.25	378.37	-193.42	175.01
42771	59.21	6.18	-2.70	1330.38	-474.38	-274.53	384.28	-246.54	187.49
42772	59.59	7.26	-2.70	1239.28	-541.87	-335.41	351.47	-372.00	211.03
42773	57.78	3.96	-2.70	1485.05	-490.69	-283.77	211.03	-89.40	207.30
42774	58.03	5.08	-2.70	1597.12	-427.23	-49.05	179.68	-69.38	65.34
42775	58.33	6.18	-2.70	1599.89	-456.13	-58.04	187.55	-90.16	9.92
42776	58.70	7.26	-2.70	1511.18	-527.24	-169.49	189.53	-179.12	-74.61
42777	56.92	3.96	-2.70	1456.71	-582.38	-462.02	112.77	44.36	315.35
42778	57.16	5.08	-2.70	1571.89	-409.62	-94.39	66.61	15.84	87.38
42779	57.46	6.18	-2.70	1648.08	-446.93	-104.90	6.70	-0.17	12.69
42780	57.81	7.26	-2.70	1625.36	-633.34	-332.93	40.65	-61.50	-148.85
42781	56.07	3.96	-2.70	1307.67	-788.38	-734.54	217.12	233.00	491.28
42782	56.30	5.07	-2.70	1196.99	-267.58	-141.34	137.88	126.11	142.29
42783	56.58	6.18	-2.70	1268.03	-188.79	-153.40	-218.80	144.70	-80.02
42784	56.92	7.26	-2.70	1504.87	-587.51	-564.83	-299.76	177.91	-245.98
42785	55.21	3.96	-2.70	913.13	-966.71	-1317.65	447.04	689.37	1469.21
42786	55.43	5.07	-2.70	449.89	-337.55	-327.57	149.92	130.23	406.88
42787	55.70	6.17	-2.70	403.59	-177.42	-329.11	-239.38	49.71	-141.15
42788	56.03	7.26	-2.70	1021.37	-445.67	-1108.10	-821.53	457.99	-1227.00
42789	58.63	3.96	-4.10	473.51	-212.36	-360.72	109.01	-341.07	115.91
42790	58.89	5.08	-4.10	482.00	-258.84	-377.42	154.14	-386.72	142.09
42791	59.21	6.18	-4.10	488.91	-275.27	-423.59	190.35	-427.58	141.71
42792	59.59	7.26	-4.10	485.79	-287.15	-515.46	248.01	-463.89	149.66
42793	57.78	3.96	-4.10	565.77	-277.99	-378.76	72.24	-121.61	143.88
42794	58.03	5.08	-4.10	577.62	-356.50	-308.84	107.74	-166.71	154.90
42795	58.33	6.18	-4.10	582.93	-365.88	-313.05	145.86	-210.51	94.42
42796	58.70	7.26	-4.10	560.36	-332.16	-420.66	211.22	-254.27	69.37
42797	56.92	3.96	-4.10	573.53	-352.05	-572.54	23.82	121.71	195.60
42798	57.16	5.08	-4.10	585.14	-424.86	-429.16	28.10	81.67	175.34
42799	57.46	6.18	-4.10	612.08	-420.66	-417.23	43.21	52.20	83.27
42800	57.81	7.26	-4.10	612.37	-356.13	-559.73	107.59	16.48	54.22
42801	56.07	3.96	-4.10	502.74	-427.57	-904.36	32.92	442.01	321.93
42802	56.30	5.07	-4.10	419.16	-497.85	-651.23	3.77	348.55	278.95
42803	56.58	6.18	-4.10	461.34	-434.94	-634.66	-64.57	362.34	-22.73
42804	56.92	7.26	-4.10	562.04	-328.36	-874.12	-40.77	428.45	37.57
42805	55.21	3.96	-4.10	372.80	-395.15	-1460.22	82.19	929.37	1273.19
42806	55.43	5.07	-4.10	99.13	-724.79	-1064.59	-87.45	377.38	694.49
42807	55.70	6.17	-4.10	102.63	-684.73	-1023.47	-117.57	290.66	-98.31
42808	56.03	7.26	-4.10	430.35	-275.94	-1368.75	-260.20	771.38	-828.25
42809	58.63	3.96	-5.50	-155.57	-119.92	-468.68	50.27	-335.72	96.37
42810	58.89	5.08	-5.50	-133.70	-116.71	-500.20	63.45	-363.90	117.90
42811	59.21	6.18	-5.50	-106.65	-109.26	-548.36	82.28	-388.06	130.68
42812	59.59	7.26	-5.50	-72.96	-90.11	-611.48	99.72	-402.99	148.80
42813	57.78	3.96	-5.50	-166.33	-207.93	-524.40	32.22	-143.66	127.94
42814	58.03	5.08	-5.50	-155.37	-205.36	-523.01	46.00	-175.88	154.18
42815	58.33	6.18	-5.50	-143.59	-183.59	-544.93	67.59	-206.45	159.67
42816	58.70	7.26	-5.50	-123.41	-133.59	-589.19	85.79	-225.68	175.02
42817	56.92	3.96	-5.50	-133.69	-299.64	-757.18	-6.52	111.31	170.84
42818	57.16	5.08	-5.50	-125.18	-303.56	-723.44	4.05	90.97	185.87
42819	57.46	6.18	-5.50	-127.15	-273.28	-728.57	31.70	69.21	207.86
42820	57.81	7.26	-5.50	-134.85	-186.35	-764.31	53.26	39.80	243.16
42821	56.07	3.96	-5.50	-86.66	-367.27	-1115.91	-54.76	448.88	249.38
42822	56.30	5.07	-5.50	-73.74	-404.43	-1040.52	-61.33	411.63	266.66
42823	56.58	6.18	-5.50	-63.25	-369.67	-1043.01	-26.79	438.46	156.64
42824	56.92	7.26	-5.50	-92.46	-258.06	-1112.88	19.24	479.32	306.76
42825	55.21	3.96	-5.50	-70.07	-454.75	-1532.19	-109.88	900.01	1089.27
42826	55.43	5.07	-5.50	-36.61	-492.72	-1365.51	-106.28	435.52	599.51
42827	55.70	6.17	-5.50	-33.41	-446.84	-1351.72	-82.75	394.82	168.11
42828	56.03	7.26	-5.50	-15.81	-286.14	-1491.24	-55.77	837.04	-418.68
42829	58.63	3.96	-6.90	-720.85	-3.17	-558.69	5.50	-265.69	94.46
42830	58.89	5.08	-6.90	-687.08	19.67	-592.37	-0.77	-283.75	118.28
42831	59.21	6.18	-6.90	-635.31	46.77	-634.26	-12.98	-299.23	139.26
42832	59.59	7.26	-6.90	-562.08	69.98	-681.28	-27.31	-312.48	163.40
42833	57.78	3.96	-6.90	-808.05	-113.47	-636.17	6.21	-126.79	141.62
42834	58.03	5.08	-6.90	-792.00	-83.96	-650.65	7.48	-143.55	177.13
42835	58.33	6.18	-6.90	-765.18	-32.32	-669.18	-3.26	-157.17	204.48
42836	58.70	7.26	-6.90	-708.85	21.42	-688.16	-29.87	-163.00	233.73
42837	56.92	3.96	-6.90	-799.85	-238.20	-917.06	-29.76	32.32	200.77
42838	57.16	5.08	-6.90	-783.59	-229.07	-916.25	-13.20	25.68	237.88
42839	57.46	6.18	-6.90	-799.39	-172.81	-916.51	10.57	21.83	295.17
42840	57.81	7.26	-6.90	-810.50	-63.07	-901.48	-12.67	15.94	349.00
42841	56.07	3.96	-6.90	-670.71	-304.44	-1346.10	-147.78	295.44	264.30
42842	56.30	5.07	-6.90	-554.02	-384.68	-1326.10	-132.11	272.89	317.77
42843	56.58	6.18	-6.90	-563.39	-368.85	-1330.07	-8.37	309.72	282.30
42844	56.92	7.26	-6.90	-732.16	-254.92	-1333.31	59.91	364.01	454.54
42845	55.21	3.96	-6.90	-506.44	-481.51	-1674.35	-341.92	785.64	987.96
42846	55.43	5.07	-6.90	-159.12	-402.34	-1459.27	-153.52	379.96	579.03
42847	55.70	6.17	-6.90	-144.38	-355.52	-1449.30	-67.09	365.16	286.16
42848	56.03	7.26	-6.90	-442.80	-331.51	-1628.33	149.30	778.28	-173.61
42849	58.63	3.96	-8.30	-1217.02	129.56	-629.39	-33.24	-137.78	93.84
42850	58.89	5.08	-8.30	-1167.41	162.10	-663.03	-59.74	-153.10	120.36
42851	59.21	6.18	-8.30	-1088.98	193.13	-702.69	-96.46	-168.94	146.07
42852	59.59	7.26	-8.30	-977.91	212.90	-746.43	-134.42	-187.05	172.10
42853	57.78	3.96	-8.30	-1406.73	-5.18	-674.15	-10.72	-31.39	151.82
42854	58.03	5.08	-8.30	-1378.35	39.83	-694.57	-26.01	-38.86	190.77
42855	58.33	6.18	-8.30	-1325.02	103.85	-715.79	-67.42	-42.18	225.34
42856	58.70	7.26	-8.30	-1219.19	157.89	-737.81	-131.69	-42.29	258.60
42857	56.92	3.96	-8.30	-1548.89	-184.64	-919.84	-21.16	0.66	238.35
42858	57.16	5.08	-8.30	-1525.97	-166.50	-928.31	-5.20	2.74	285.05
42859	57.46	6.18	-8.30	-1534.22	-88.50	-929.13	0.16	22.94	339.68
42860	57.81	7.26	-8.30	-1503.57	46.75	-908.66	-78.95	53.46	389.72
42861	56.07	3.96	-8.30	-1546.56	-321.08	-1471.84	-176.74	12.18	347.31
42862	56.30	5.07	-8.30	-1388.32	-436.34	-1466.32	-135.58	-30.97	415.20
42863	56.58	6.18	-8.30	-1423.81	-427.67	-1473.66	34.38	18.46	399.29
42864	56.92	7.26	-8.30	-1648.11	-272.22	-1455.02	79.26	141.67	520.66
42865	55.21	3.96	-8.30	-1152.86	-507.10	-1973.25	-511.53	428.29	822.81
42866	55.43	5.07	-8.30	-644.07	-434.46	-1664.98	-233.01	30.95	513.63
42867	55.70	6.17	-8.30	-668.46	-431.89	-1622.37	-93.85	25.60	308.27

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
42868	56.03	7.26	-8.30	-1232.87	-506.23	-1857.74	238.39	445.30	23.86
42869	79.01	8.10	-2.70	183.22	-108.06	-1183.93	51.24	-170.70	140.13
42870	80.14	8.10	-2.70	161.74	-107.06	-1126.29	39.05	-122.80	138.78
42871	81.27	8.10	-2.70	140.22	-107.38	-1063.58	28.17	-79.03	136.67
42872	82.40	8.10	-2.70	118.93	-108.96	-997.07	18.54	-40.11	133.97
42873	83.53	8.10	-2.70	98.23	-111.76	-927.98	10.10	-6.55	130.84
42874	84.66	8.10	-2.70	78.50	-115.78	-857.50	2.73	21.35	127.46
42875	85.79	8.10	-2.70	60.10	-121.00	-786.76	-3.65	43.48	124.03
42876	86.92	8.10	-2.70	43.36	-127.44	-716.77	-9.18	59.95	120.73
42877	88.05	8.10	-2.70	28.55	-135.19	-648.45	-13.99	70.97	117.80
42878	89.18	8.10	-2.70	15.92	-144.41	-582.60	-18.28	76.85	115.46
42879	90.30	8.10	-2.70	5.69	-155.38	-519.89	-22.21	78.02	113.93
42880	91.43	8.10	-2.70	-1.93	-168.41	-460.94	-26.08	75.01	113.56
42881	92.56	8.10	-2.70	-6.51	-184.39	-406.47	-30.46	68.30	114.82
42882	93.69	8.10	-2.70	-7.15	-204.93	-357.22	-36.21	58.53	118.24
42883	94.82	8.10	-2.70	-1.50	-234.30	-315.96	-45.63	47.78	124.73
42884	95.95	8.10	-2.70	17.53	-281.03	-253.17	-69.05	54.99	130.65
42885	79.01	8.70	-2.70	173.18	-124.18	-1194.48	55.25	-170.65	155.82
42886	80.12	8.70	-2.70	153.11	-123.05	-1138.00	42.41	-124.38	154.34
42887	81.23	8.70	-2.70	132.87	-123.20	-1076.81	30.96	-81.98	152.10
42888	82.34	8.70	-2.70	112.73	-124.57	-1012.06	20.82	-44.11	149.21
42889	83.45	8.70	-2.70	93.05	-127.13	-944.89	11.89	-11.29	145.85
42890	84.56	8.70	-2.70	74.19	-130.90	-876.39	4.09	16.19	142.21
42891	85.67	8.70	-2.70	56.49	-135.89	-807.64	-2.69	38.19	138.48
42892	86.79	8.70	-2.70	40.29	-142.14	-739.61	-8.57	54.79	134.88
42893	87.90	8.70	-2.70	25.87	-149.74	-673.17	-13.69	66.17	131.64
42894	89.01	8.70	-2.70	13.44	-158.87	-609.13	-18.25	72.67	129.10
42895	90.12	8.70	-2.70	3.12	-169.96	-548.21	-22.50	74.44	127.38
42896	91.23	8.70	-2.70	-4.66	-183.21	-491.00	-26.63	72.24	126.79
42897	92.34	8.70	-2.70	-9.62	-199.69	-438.37	-31.38	66.53	128.10
42898	93.45	8.70	-2.70	-10.72	-221.27	-391.25	-37.56	57.52	131.59
42899	94.56	8.70	-2.70	-5.48	-252.23	-352.93	-47.42	48.10	138.19
42900	95.68	8.70	-2.70	13.57	-303.12	-289.69	-71.97	59.87	145.89
42901	79.01	8.10	-4.10	126.54	-29.84	-1091.36	35.24	-184.12	91.57
42902	80.14	8.10	-4.10	113.13	-30.27	-1038.26	25.86	-138.37	91.95
42903	81.27	8.10	-4.10	99.32	-32.00	-981.21	17.41	-96.22	91.54
42904	82.40	8.10	-4.10	85.32	-34.95	-921.23	9.93	-58.36	90.48
42905	83.53	8.10	-4.10	71.43	-39.07	-859.29	3.37	-25.26	88.90
42906	84.66	8.10	-4.10	57.98	-44.34	-796.31	-2.33	2.77	86.93
42907	85.79	8.10	-4.10	45.31	-50.74	-733.13	-7.20	25.62	84.71
42908	86.92	8.10	-4.10	33.73	-58.25	-670.56	-11.30	43.32	82.38
42909	88.05	8.10	-4.10	23.58	-66.89	-609.28	-14.72	56.05	80.09
42910	89.18	8.10	-4.10	15.16	-76.72	-549.88	-17.54	64.08	77.98
42911	90.30	8.10	-4.10	8.83	-87.84	-492.84	-19.81	67.83	76.11
42912	91.43	8.10	-4.10	5.04	-100.25	-438.52	-21.60	68.01	74.63
42913	92.56	8.10	-4.10	4.50	-114.20	-387.04	-23.10	65.55	73.66
42914	93.69	8.10	-4.10	8.29	-129.96	-337.91	-24.38	62.35	73.10
42915	94.82	8.10	-4.10	17.66	-146.98	-285.70	-25.71	63.26	72.58
42916	95.95	8.10	-4.10	26.96	-162.37	-219.82	-26.57	68.80	69.42
42917	79.01	8.70	-4.10	119.19	-44.07	-1102.95	38.35	-182.84	103.94
42918	80.12	8.70	-4.10	106.80	-44.34	-1050.73	28.40	-138.68	104.15
42919	81.23	8.70	-4.10	93.90	-45.91	-994.89	19.56	-97.88	103.66
42920	82.34	8.70	-4.10	80.75	-48.62	-936.34	11.71	-61.11	102.46
42921	83.45	8.70	-4.10	67.63	-52.47	-875.97	4.81	-28.81	100.70
42922	84.56	8.70	-4.10	54.88	-57.44	-814.64	-1.18	-1.29	98.50
42923	85.67	8.70	-4.10	42.81	-63.53	-753.15	-6.31	21.32	96.02
42924	86.79	8.70	-4.10	31.76	-70.72	-692.26	-10.64	39.03	93.40
42925	87.90	8.70	-4.10	22.04	-79.04	-632.61	-14.23	52.00	90.78
42926	89.01	8.70	-4.10	13.99	-88.55	-574.79	-17.16	60.53	88.41
42927	90.12	8.70	-4.10	7.87	-99.42	-519.32	-19.52	64.82	86.26
42928	91.23	8.70	-4.10	4.33	-111.56	-466.49	-21.31	65.80	84.42
42929	92.34	8.70	-4.10	4.11	-125.17	-416.45	-22.74	64.51	83.37
42930	93.45	8.70	-4.10	8.41	-140.58	-368.61	-23.83	62.61	82.78
42931	94.56	8.70	-4.10	18.59	-156.91	-316.49	-24.69	66.09	82.75
42932	95.68	8.70	-4.10	28.07	-171.07	-247.98	-25.39	74.82	80.57
42933	79.01	8.10	-5.50	69.83	67.17	-1008.53	15.34	-189.57	51.90
42934	80.14	8.10	-5.50	64.97	64.97	-959.33	9.09	-146.04	53.53
42935	81.27	8.10	-5.50	59.15	61.58	-907.16	3.43	-105.64	54.41
42936	82.40	8.10	-5.50	52.56	57.06	-852.85	-1.57	-69.04	54.70
42937	83.53	8.10	-5.50	45.50	51.47	-797.16	-5.92	-36.70	54.48
42938	84.66	8.10	-5.50	38.25	44.86	-740.77	-9.60	-8.87	53.86
42939	85.79	8.10	-5.50	31.14	37.28	-684.32	-12.61	14.33	52.95
42940	86.92	8.10	-5.50	24.51	28.81	-628.37	-14.95	32.93	51.89
42941	88.05	8.10	-5.50	18.68	19.50	-573.40	-16.63	47.11	50.81
42942	89.18	8.10	-5.50	13.95	9.42	-519.76	-17.66	57.17	49.87
42943	90.30	8.10	-5.50	10.64	-1.38	-467.66	-18.02	63.57	49.14
42944	91.43	8.10	-5.50	9.02	-12.69	-417.01	-17.70	67.15	48.82
42945	92.56	8.10	-5.50	9.23	-24.40	-367.21	-16.80	68.86	49.14
42946	93.69	8.10	-5.50	10.94	-36.26	-316.40	-15.40	70.04	50.11
42947	94.82	8.10	-5.50	11.91	-47.81	-261.39	-13.81	70.99	51.43
42948	95.95	8.10	-5.50	9.31	-58.76	-200.84	-12.19	68.47	52.15
42949	79.01	8.70	-5.50	65.56	55.47	-1020.91	17.15	-187.44	62.00
42950	80.12	8.70	-5.50	61.25	53.47	-972.37	10.50	-145.38	63.36
42951	81.23	8.70	-5.50	55.95	50.27	-921.16	4.62	-106.25	64.20
42952	82.34	8.70	-5.50	49.89	46.04	-868.01	-0.60	-70.68	64.40
42953	83.45	8.70	-5.50	43.35	40.79	-813.60	-5.13	-39.11	64.06
42954	84.56	8.70	-5.50	36.61	34.58	-758.58	-8.96	-11.78	63.29
42955	85.67	8.70	-5.50	30.00	27.45	-703.54	-12.09	11.17	62.20
42956	86.79	8.70	-5.50	23.84	19.46	-649.01	-14.51	29.77	60.95
42957	87.90	8.70	-5.50	18.45	10.68	-595.41	-16.22	44.21	59.65
42958	89.01	8.70	-5.50	14.16	1.19	-543.09	-17.22	54.82	58.58
42959	90.12	8.70	-5.50	11.19	-9.00	-492.22	-17.52	61.86	57.74
42960	91.23	8.70	-5.50	9.95	-19.59	-442.62	-17.07	66.41	57.29
42961	92.34	8.70	-5.50	10.63	-30.43	-393.56	-16.00	69.58	57.84
42962	93.45	8.70	-5.50	12.65	-41.36	-342.82	-14.47	72.26	59.17
42963	94.56	8.70	-5.50	13.62	-51.84	-286.71	-12.91	75.14	60.99
42964	95.68	8.70	-5.50	10.47	-61.97	-223.69	-11.87	74.24	61.89
42965	79.01	8.10	-6.90	14.99	179.20	-933.33	-7.47	-187.12	22.04
42966	80.14	8.10	-6.90	19.01	175.00	-887.50	-10.50	-146.12	24.50

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
42967	81.27	8.10	-6.90	21.30	169.68	-839.55	-13.29	-107.81	26.30
42968	82.40	8.10	-6.90	22.08	163.31	-790.17	-15.75	-72.88	27.64
42969	83.53	8.10	-6.90	21.63	155.94	-739.88	-17.82	-41.74	28.60
42970	84.66	8.10	-6.90	20.23	147.63	-689.18	-19.46	-14.63	29.25
42971	85.79	8.10	-6.90	18.20	138.48	-638.50	-20.62	8.38	29.72
42972	86.92	8.10	-6.90	15.88	128.57	-588.19	-21.28	27.31	30.12
42973	88.05	8.10	-6.90	13.56	118.02	-538.52	-21.40	42.35	30.61
42974	89.18	8.10	-6.90	11.49	106.90	-489.61	-21.00	53.73	31.35
42975	90.30	8.10	-6.90	9.87	95.32	-441.39	-20.08	61.83	32.42
42976	91.43	8.10	-6.90	8.71	83.46	-393.47	-18.65	67.24	34.02
42977	92.56	8.10	-6.90	7.77	71.39	-345.06	-16.93	70.34	36.29
42978	93.69	8.10	-6.90	6.34	59.10	-295.09	-15.09	71.16	39.01
42979	94.82	8.10	-6.90	3.57	46.62	-242.96	-13.36	69.06	41.78
42980	95.95	8.10	-6.90	-0.53	33.88	-189.69	-11.70	62.76	44.03
42981	79.01	8.70	-6.90	13.93	170.01	-945.78	-7.24	-184.49	30.91
42982	80.12	8.70	-6.90	17.99	166.02	-900.50	-10.46	-144.80	32.99
42983	81.23	8.70	-6.90	20.39	160.96	-853.32	-13.33	-107.60	34.76
42984	82.34	8.70	-6.90	21.37	154.94	-804.85	-15.87	-73.58	36.07
42985	83.45	8.70	-6.90	21.18	147.97	-755.60	-18.00	-43.12	36.97
42986	84.56	8.70	-6.90	20.09	140.14	-706.01	-19.68	-16.43	37.56
42987	85.67	8.70	-6.90	18.40	131.52	-656.46	-20.86	6.38	37.95
42988	86.79	8.70	-6.90	16.43	122.19	-607.27	-21.50	25.37	38.28
42989	87.90	8.70	-6.90	14.48	112.27	-558.67	-21.59	40.71	38.69
42990	89.01	8.70	-6.90	12.79	101.87	-510.72	-21.12	52.69	39.46
42991	90.12	8.70	-6.90	11.45	90.99	-463.32	-20.13	61.47	40.59
42992	91.23	8.70	-6.90	10.55	79.93	-415.95	-18.63	67.85	42.21
42993	92.34	8.70	-6.90	9.87	68.71	-367.69	-16.89	72.29	44.82
42994	93.45	8.70	-6.90	8.41	57.19	-317.32	-15.16	74.16	47.79
42995	94.56	8.70	-6.90	5.44	45.50	-264.11	-13.68	73.25	50.67
42996	95.68	8.70	-6.90	0.89	33.35	-209.17	-12.49	67.77	52.67
42997	79.01	8.10	-8.30	-35.62	303.05	-864.52	-32.10	-176.80	1.39
42998	80.14	8.10	-8.30	-22.50	296.64	-821.54	-32.04	-138.92	4.26
42999	81.27	8.10	-8.30	-12.11	289.16	-777.28	-32.11	-103.35	6.61
43000	82.40	8.10	-8.30	-4.19	280.61	-732.15	-32.17	-70.82	8.70
43001	83.53	8.10	-8.30	1.54	271.04	-686.51	-32.12	-41.65	10.56
43002	84.66	8.10	-8.30	5.40	260.52	-640.64	-31.89	-16.04	12.27
43003	85.79	8.10	-8.30	7.72	249.16	-594.82	-31.41	5.94	13.93
43004	86.92	8.10	-8.30	8.85	237.05	-549.23	-30.65	24.32	15.64
43005	88.05	8.10	-8.30	9.09	224.31	-503.97	-29.58	39.23	17.55
43006	89.18	8.10	-8.30	8.70	211.01	-459.02	-28.22	50.81	19.78
43007	90.30	8.10	-8.30	7.84	197.22	-414.21	-26.58	59.22	22.38
43008	91.43	8.10	-8.30	6.51	183.09	-369.15	-24.71	64.73	25.44
43009	92.56	8.10	-8.30	4.60	168.60	-323.38	-22.81	67.29	28.93
43010	93.69	8.10	-8.30	1.90	153.70	-276.59	-20.95	66.67	32.55
43011	94.82	8.10	-8.30	-1.60	138.41	-229.01	-19.25	62.70	36.03
43012	95.95	8.10	-8.30	-5.47	122.72	-181.69	-17.58	55.18	39.19
43013	79.01	8.70	-8.30	-33.59	295.81	-876.08	-33.65	-174.02	9.62
43014	80.12	8.70	-8.30	-20.97	289.67	-833.61	-33.55	-137.23	12.04
43015	81.23	8.70	-8.30	-10.85	282.54	-789.97	-33.61	-102.58	14.37
43016	82.34	8.70	-8.30	-3.04	274.38	-745.59	-33.66	-70.79	16.44
43017	83.45	8.70	-8.30	2.70	265.26	-700.76	-33.59	-42.17	18.30
43018	84.56	8.70	-8.30	6.66	255.25	-655.77	-33.33	-16.90	20.01
43019	85.67	8.70	-8.30	9.15	244.44	-610.82	-32.82	4.96	21.67
43020	86.79	8.70	-8.30	10.48	232.92	-566.07	-32.02	23.43	23.40
43021	87.90	8.70	-8.30	10.96	220.81	-521.59	-30.90	38.65	25.30
43022	89.01	8.70	-8.30	10.80	208.19	-477.29	-29.48	50.80	27.64
43023	90.12	8.70	-8.30	10.10	195.04	-432.99	-27.83	59.80	30.33
43024	91.23	8.70	-8.30	8.88	181.60	-388.21	-25.95	66.14	33.38
43025	92.34	8.70	-8.30	7.06	167.79	-342.42	-24.14	69.76	37.10
43026	93.45	8.70	-8.30	4.26	153.46	-295.31	-22.43	69.79	40.75
43027	94.56	8.70	-8.30	0.56	138.81	-247.04	-20.90	66.59	44.09
43028	95.68	8.70	-8.30	-3.68	123.56	-198.70	-19.56	59.51	46.84
43029	96.79	8.70	-2.70	62.84	-330.41	-107.85	-92.14	60.31	80.52
43030	97.87	8.10	-2.70	84.05	-280.26	-1.29	-15.94	1.09	9.83
43031	98.78	8.10	-2.70	64.27	-271.36	-1.84	17.23	-9.22	9.29
43032	99.68	8.10	-2.70	31.19	-264.11	1.12	38.21	-10.65	10.36
43033	100.59	8.10	-2.70	-4.44	-249.37	2.36	58.90	-9.08	17.76
43034	96.69	8.70	-2.70	59.67	-352.45	-126.25	-95.09	70.45	92.87
43035	97.61	8.70	-2.70	84.77	-286.51	-2.09	-14.19	3.27	11.21
43036	98.52	8.70	-2.70	65.41	-272.50	-2.44	20.68	-9.20	9.46
43037	99.44	8.70	-2.70	31.18	-262.39	0.79	41.94	-11.33	10.55
43038	100.36	8.70	-2.70	-7.39	-246.58	2.04	62.27	-11.04	17.38
43039	96.97	8.10	-4.10	22.90	-171.76	-123.49	-22.38	61.77	59.63
43040	97.87	8.10	-4.10	17.49	-178.74	-38.23	-11.03	23.08	39.43
43041	98.78	8.10	-4.10	20.08	-175.99	-5.02	13.12	-8.79	28.33
43042	99.68	8.10	-4.10	10.56	-175.14	4.07	30.67	-19.11	32.56
43043	100.59	8.10	-4.10	-6.40	-170.53	12.23	44.97	-20.06	45.86
43044	96.69	8.70	-4.10	22.41	-178.53	-142.04	-22.51	70.37	70.48
43045	97.61	8.70	-4.10	15.37	-182.58	-45.26	-11.80	28.91	46.14
43046	98.52	8.70	-4.10	18.60	-175.60	-6.98	14.04	-7.24	31.58
43047	99.44	8.70	-4.10	9.19	-172.17	3.27	32.77	-19.86	35.40
43048	100.36	8.70	-4.10	-8.89	-166.03	12.35	47.20	-23.21	48.15
43049	96.97	8.10	-5.50	3.32	-71.03	-127.00	-9.45	54.76	50.09
43050	97.87	8.10	-5.50	-1.36	-83.02	-57.00	-2.24	26.11	45.30
43051	98.78	8.10	-5.50	-1.59	-92.23	-15.27	8.84	-1.84	43.66
43052	99.68	8.10	-5.50	-1.82	-98.82	7.40	20.64	-18.63	49.35
43053	100.59	8.10	-5.50	-6.64	-104.19	25.22	29.32	-23.71	63.05
43054	96.69	8.70	-5.50	3.34	-73.27	-144.04	-9.96	61.47	58.97
43055	97.61	8.70	-5.50	-2.53	-83.77	-66.58	-3.16	31.40	51.96
43056	98.52	8.70	-5.50	-3.24	-91.33	-20.02	8.48	0.47	48.06
43057	99.44	8.70	-5.50	-3.30	-96.07	5.04	21.38	-19.04	53.04
43058	100.36	8.70	-5.50	-8.59	-100.86	24.37	30.25	-27.15	65.79
43059	96.97	8.10	-6.90	-5.65	18.75	-127.80	-8.97	48.53	45.79
43060	97.87	8.10	-6.90	-9.26	1.34	-66.10	-4.36	24.93	47.56
43061	98.78	8.10	-6.90	-8.59	-14.59	-21.68	2.16	1.56	51.37
43062	99.68	8.10	-6.90	-6.22	-29.24	9.39	8.78	-15.31	59.35
43063	100.59	8.10	-6.90	-4.77	-43.39	36.14	13.61	-23.46	71.83
43064	96.69	8.70	-6.90	-5.03	18.85	-143.45	-10.20	53.99	53.65
43065	97.61	8.70	-6.90	-9.57	2.15	-76.55	-5.80	29.31	54.03

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
43066	98.52	8.70	-6.90	-9.39	-13.02	-28.20	1.08	3.74	56.40
43067	99.44	8.70	-6.90	-7.08	-26.54	5.44	8.51	-15.52	63.93
43068	100.36	8.70	-6.90	-5.90	-40.73	33.91	13.42	-26.93	75.20
43069	96.97	8.10	-8.30	-9.42	103.53	-126.97	-15.23	41.73	42.79
43070	97.87	8.10	-8.30	-11.66	80.75	-69.96	-12.02	21.92	47.57
43071	98.78	8.10	-8.30	-10.21	58.45	-24.23	-8.16	2.58	54.05
43072	99.68	8.10	-8.30	-6.19	36.54	12.01	-4.67	-12.60	63.10
43073	100.59	8.10	-8.30	-1.60	14.33	43.98	-2.36	-21.89	74.47
43074	96.69	8.70	-8.30	-8.24	104.71	-141.42	-17.38	46.24	49.74
43075	97.61	8.70	-8.30	-11.16	82.17	-80.71	-14.21	25.51	53.55
43076	98.52	8.70	-8.30	-10.13	60.05	-31.90	-10.05	4.40	59.07
43077	99.44	8.70	-8.30	-6.26	38.80	6.68	-5.86	-12.85	67.91
43078	100.36	8.70	-8.30	-1.94	15.99	40.08	-3.55	-25.27	77.92
43079	60.95	8.10	-2.70	824.55	-456.43	-721.03	370.86	-562.65	403.52
43080	62.08	8.10	-2.70	642.89	-364.02	-836.67	307.10	-569.88	372.11
43081	63.21	8.10	-2.70	532.57	-307.24	-909.26	285.87	-621.64	265.91
43082	64.34	8.10	-2.70	481.12	-266.08	-1002.96	276.41	-662.34	191.63
43083	65.47	8.10	-2.70	452.09	-236.18	-1101.67	265.33	-677.35	149.64
43084	66.60	8.10	-2.70	428.41	-212.56	-1189.26	249.89	-669.95	128.34
43085	67.72	8.10	-2.70	404.23	-193.27	-1258.85	231.61	-647.53	119.34
43086	68.85	8.10	-2.70	379.32	-176.95	-1309.54	211.60	-615.50	117.41
43087	69.98	8.10	-2.70	354.66	-163.10	-1343.06	190.96	-577.04	119.41
43088	71.11	8.10	-2.70	330.96	-151.25	-1361.52	170.39	-533.78	123.30
43089	72.24	8.10	-2.70	308.46	-141.07	-1366.74	150.28	-486.59	127.79
43090	73.37	8.10	-2.70	287.02	-132.39	-1360.13	130.95	-436.22	132.09
43091	74.50	8.10	-2.70	266.27	-125.06	-1342.77	112.61	-383.51	135.72
43092	75.63	8.10	-2.70	245.81	-119.01	-1315.58	95.41	-329.46	138.39
43093	76.76	8.10	-2.70	225.27	-114.14	-1279.45	79.45	-275.16	139.98
43094	77.89	8.10	-2.70	204.43	-110.44	-1235.30	64.72	-221.83	140.55
43095	61.22	8.70	-2.70	847.61	-491.81	-848.52	542.24	-579.53	382.50
43096	62.34	8.70	-2.70	628.37	-426.50	-917.14	419.15	-579.73	334.12
43097	63.45	8.70	-2.70	513.84	-345.36	-993.82	357.03	-609.26	244.21
43098	64.56	8.70	-2.70	454.99	-294.65	-1080.94	324.71	-638.18	186.07
43099	65.67	8.70	-2.70	422.58	-257.99	-1166.56	299.00	-647.81	152.48
43100	66.78	8.70	-2.70	397.36	-231.52	-1240.98	275.06	-640.30	136.47
43101	67.89	8.70	-2.70	373.86	-210.60	-1299.10	251.05	-620.12	130.33
43102	69.00	8.70	-2.70	350.95	-193.54	-1340.65	227.07	-591.00	130.13
43103	70.11	8.70	-2.70	328.74	-179.50	-1367.16	203.68	-555.78	133.29
43104	71.23	8.70	-2.70	307.57	-167.60	-1380.30	181.07	-515.68	137.88
43105	72.34	8.70	-2.70	287.50	-157.47	-1381.56	159.41	-471.51	142.84
43106	73.45	8.70	-2.70	268.30	-148.87	-1372.12	138.86	-424.03	147.48
43107	74.56	8.70	-2.70	249.60	-141.62	-1352.90	119.52	-374.09	151.36
43108	75.67	8.70	-2.70	231.02	-135.62	-1324.69	101.47	-322.69	154.19
43109	76.78	8.70	-2.70	212.23	-130.73	-1288.32	84.79	-270.90	155.82
43110	77.89	8.70	-2.70	192.99	-126.81	-1244.80	69.46	-219.79	156.33
43111	60.95	8.10	-4.10	426.60	-267.90	-763.54	270.98	-537.69	210.67
43112	62.08	8.10	-4.10	349.55	-224.63	-876.17	225.31	-554.07	186.49
43113	63.21	8.10	-4.10	290.77	-185.70	-955.55	198.76	-581.93	142.96
43114	64.34	8.10	-4.10	257.97	-156.18	-1027.29	186.33	-612.17	103.75
43115	65.47	8.10	-4.10	242.26	-132.77	-1096.52	177.90	-630.71	77.48
43116	66.60	8.10	-4.10	233.92	-113.54	-1158.87	169.17	-633.24	63.17
43117	67.72	8.10	-4.10	227.12	-97.32	-1209.61	158.95	-621.31	57.40
43118	68.85	8.10	-4.10	219.76	-83.51	-1246.63	147.22	-597.84	57.13
43119	69.98	8.10	-4.10	211.52	-71.77	-1269.88	134.43	-565.72	60.23
43120	71.11	8.10	-4.10	202.56	-61.78	-1280.31	121.07	-527.10	65.05
43121	72.24	8.10	-4.10	193.16	-53.33	-1279.18	107.49	-483.51	70.49
43122	73.37	8.10	-4.10	183.41	-46.29	-1267.71	94.02	-436.22	75.86
43123	74.50	8.10	-4.10	173.28	-40.58	-1247.02	80.91	-386.39	80.68
43124	75.63	8.10	-4.10	162.63	-36.11	-1218.11	68.38	-335.12	84.70
43125	76.76	8.10	-4.10	151.35	-32.81	-1181.96	56.55	-283.49	87.82
43126	77.89	8.10	-4.10	139.33	-30.69	-1139.50	45.48	-232.72	90.16
43127	61.22	8.70	-4.10	413.79	-277.09	-821.36	294.79	-542.65	214.24
43128	62.34	8.70	-4.10	348.63	-237.74	-943.21	253.25	-554.55	178.09
43129	63.45	8.70	-4.10	290.96	-202.98	-1025.11	226.27	-572.76	135.78
43130	64.56	8.70	-4.10	254.01	-172.15	-1092.39	209.84	-595.66	101.60
43131	65.67	8.70	-4.10	234.48	-147.70	-1153.46	197.04	-608.70	79.28
43132	66.78	8.70	-4.10	222.87	-127.70	-1206.56	184.88	-609.38	68.47
43133	67.89	8.70	-4.10	214.05	-111.08	-1248.47	171.87	-597.68	64.80
43134	69.00	8.70	-4.10	205.84	-97.18	-1277.88	157.92	-575.49	66.01
43135	70.11	8.70	-4.10	197.51	-85.57	-1294.98	143.45	-545.50	70.22
43136	71.23	8.70	-4.10	188.98	-75.74	-1300.59	128.74	-509.33	75.75
43137	72.34	8.70	-4.10	180.30	-67.49	-1295.80	114.09	-468.30	81.70
43138	73.45	8.70	-4.10	171.42	-60.66	-1281.65	99.75	-423.59	87.43
43139	74.56	8.70	-4.10	162.22	-55.11	-1259.11	85.93	-376.30	92.52
43140	75.67	8.70	-4.10	152.57	-50.78	-1229.07	72.80	-327.49	96.70
43141	76.78	8.70	-4.10	142.32	-47.52	-1192.45	60.50	-278.16	99.84
43142	77.89	8.70	-4.10	131.34	-45.19	-1150.29	49.10	-229.20	102.39
43143	60.95	8.10	-5.50	-0.93	-55.51	-781.02	102.66	-501.49	152.52
43144	62.08	8.10	-5.50	18.45	-41.15	-885.84	91.74	-540.78	122.26
43145	63.21	8.10	-5.50	23.33	-25.11	-971.89	84.33	-565.60	88.34
43146	64.34	8.10	-5.50	26.19	-9.79	-1039.27	81.49	-586.23	58.58
43147	65.47	8.10	-5.50	32.06	3.49	-1094.50	81.23	-599.62	36.64
43148	66.60	8.10	-5.50	40.24	15.36	-1139.54	81.04	-602.54	23.40
43149	67.72	8.10	-5.50	48.91	25.99	-1173.98	79.50	-594.22	17.19
43150	68.85	8.10	-5.50	56.81	35.31	-1197.21	76.32	-575.34	15.96
43151	69.98	8.10	-5.50	63.41	43.40	-1209.28	71.64	-547.64	18.11
43152	71.11	8.10	-5.50	68.63	50.30	-1210.82	65.75	-512.92	22.20
43153	72.24	8.10	-5.50	72.55	56.04	-1202.78	59.00	-472.75	27.21
43154	73.37	8.10	-5.50	75.23	60.64	-1186.19	51.71	-428.54	32.45
43155	74.50	8.10	-5.50	76.68	64.11	-1162.07	44.15	-381.58	37.44
43156	75.63	8.10	-5.50	76.91	66.49	-1131.37	36.58	-333.03	41.89
43157	76.76	8.10	-5.50	75.87	67.85	-1095.05	29.20	-283.97	45.76
43158	77.89	8.10	-5.50	73.51	68.12	-1053.94	22.07	-235.66	49.22
43159	61.22	8.70	-5.50	23.24	-56.04	-826.52	109.66	-510.06	168.39
43160	62.34	8.70	-5.50	39.30	-44.98	-937.96	99.22	-543.77	130.00
43161	63.45	8.70	-5.50	41.67	-30.73	-1026.47	93.02	-562.17	93.18
43162	64.56	8.70	-5.50	40.41	-17.10	-1092.28	90.46	-577.40	62.76
43163	65.67	8.70	-5.50	41.60	-5.09	-1142.74	89.90	-585.15	40.98
43164	66.78	8.70	-5.50	45.52	6.22	-1181.57	88.87	-585.18	29.19

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{XX}$ [kPa]	$\sigma_{YY}$ [kPa]	$\sigma_{ZZ}$ [kPa]	$\tau_{XY}$ [kPa]	$\tau_{XZ}$ [kPa]	$\tau_{YZ}$ [kPa]
43165	67.89	8.70	-5.50	50.66	16.33	-1209.55	86.34	-575.62	23.85
43166	69.00	8.70	-5.50	55.92	25.16	-1226.83	82.23	-556.61	23.44
43167	70.11	8.70	-5.50	60.70	32.81	-1233.81	76.71	-529.90	26.34
43168	71.23	8.70	-5.50	64.74	39.33	-1231.21	70.11	-496.75	30.94
43169	72.34	8.70	-5.50	67.95	44.72	-1219.93	62.76	-458.50	36.32
43170	73.45	8.70	-5.50	70.26	49.03	-1200.91	54.97	-416.39	41.82
43171	74.56	8.70	-5.50	71.61	52.27	-1175.07	47.00	-371.60	46.97
43172	75.67	8.70	-5.50	71.92	54.47	-1143.29	39.09	-325.20	51.50
43173	76.78	8.70	-5.50	71.14	55.72	-1106.46	31.45	-278.13	55.23
43174	77.89	8.70	-5.50	69.21	56.18	-1065.61	24.21	-231.11	59.04
43175	60.95	8.10	-6.90	-386.22	101.30	-807.94	-27.74	-424.48	139.26
43176	62.08	8.10	-6.90	-317.96	116.33	-895.96	-25.33	-483.50	103.28
43177	63.21	8.10	-6.90	-265.75	128.93	-974.80	-22.11	-523.63	70.26
43178	64.34	8.10	-6.90	-225.65	139.61	-1037.90	-17.23	-550.31	42.02
43179	65.47	8.10	-6.90	-192.45	148.34	-1085.33	-10.85	-565.43	19.98
43180	66.60	8.10	-6.90	-163.30	155.94	-1119.33	-4.20	-569.62	5.11
43181	67.72	8.10	-6.90	-136.76	162.75	-1141.59	1.35	-563.36	-3.50
43182	68.85	8.10	-6.90	-112.41	168.62	-1153.21	5.41	-547.19	-7.30
43183	69.98	8.10	-6.90	-90.16	173.65	-1155.13	7.85	-522.49	-7.54
43184	71.11	8.10	-6.90	-69.95	177.80	-1148.27	8.75	-490.81	-5.48
43185	72.24	8.10	-6.90	-51.74	181.02	-1133.62	8.36	-453.60	-2.09
43186	73.37	8.10	-6.90	-35.53	183.26	-1112.17	6.92	-412.30	1.95
43187	74.50	8.10	-6.90	-21.34	184.50	-1084.84	4.71	-368.20	6.17
43188	75.63	8.10	-6.90	-9.18	184.73	-1052.53	1.97	-322.45	10.28
43189	76.76	8.10	-6.90	0.94	183.99	-1016.12	-1.08	-276.06	14.30
43190	77.89	8.10	-6.90	8.99	182.20	-976.30	-4.29	-230.39	18.45
43191	61.22	8.70	-6.90	-338.64	100.27	-844.55	-27.27	-434.44	152.96
43192	62.34	8.70	-6.90	-278.24	113.88	-936.37	-23.92	-489.34	114.51
43193	63.45	8.70	-6.90	-232.13	125.47	-1016.61	-20.36	-524.66	80.28
43194	64.56	8.70	-6.90	-197.08	135.22	-1078.81	-15.31	-547.52	50.80
43195	65.67	8.70	-6.90	-169.34	142.56	-1123.63	-8.41	-557.37	27.50
43196	66.78	8.70	-6.90	-145.04	149.50	-1153.77	-1.80	-558.27	12.89
43197	67.89	8.70	-6.90	-122.80	155.62	-1171.72	3.51	-549.97	4.26
43198	69.00	8.70	-6.90	-102.14	160.80	-1179.14	7.30	-532.70	0.62
43199	70.11	8.70	-6.90	-82.86	165.27	-1177.25	9.41	-508.07	0.68
43200	71.23	8.70	-6.90	-64.99	168.89	-1167.16	10.02	-477.15	2.93
43201	72.34	8.70	-6.90	-48.61	171.64	-1149.90	9.37	-441.19	6.47
43202	73.45	8.70	-6.90	-33.81	173.50	-1126.43	7.73	-401.44	10.61
43203	74.56	8.70	-6.90	-20.68	174.46	-1097.65	5.35	-359.04	14.83
43204	75.67	8.70	-6.90	-9.28	174.54	-1064.42	2.47	-315.03	18.85
43205	76.78	8.70	-6.90	0.37	173.85	-1027.59	-0.66	-270.22	22.45
43206	77.89	8.70	-6.90	8.28	172.55	-988.08	-3.85	-225.19	26.97
43207	60.95	8.10	-8.30	-726.62	242.05	-854.38	-140.06	-321.55	135.19
43208	62.08	8.10	-8.30	-630.44	258.60	-924.17	-128.70	-398.37	96.38
43209	63.21	8.10	-8.30	-551.26	272.26	-987.49	-117.75	-455.02	63.72
43210	64.34	8.10	-8.30	-484.86	283.38	-1038.23	-106.73	-493.98	36.60
43211	65.47	8.10	-8.30	-427.70	291.79	-1074.79	-94.96	-516.64	14.72
43212	66.60	8.10	-8.30	-377.21	298.58	-1098.00	-82.93	-525.36	-1.23
43213	67.72	8.10	-8.30	-331.24	304.27	-1109.56	-71.81	-522.29	-11.80
43214	68.85	8.10	-8.30	-288.66	308.80	-1111.20	-61.96	-508.87	-17.99
43215	69.98	8.10	-8.30	-249.01	312.40	-1104.37	-53.64	-486.87	-20.69
43216	71.11	8.10	-8.30	-212.13	315.07	-1090.31	-46.96	-457.97	-20.94
43217	72.24	8.10	-8.30	-178.00	316.75	-1070.09	-41.82	-423.69	-19.56
43218	73.37	8.10	-8.30	-146.73	317.38	-1044.66	-38.04	-385.46	-17.16
43219	74.50	8.10	-8.30	-118.40	316.91	-1014.83	-35.42	-344.57	-14.19
43220	75.63	8.10	-8.30	-93.10	315.29	-981.33	-33.74	-302.13	-10.88
43221	76.76	8.10	-8.30	-70.87	312.47	-944.80	-32.78	-259.04	-7.12
43222	77.89	8.10	-8.30	-51.72	308.37	-905.74	-32.32	-216.68	-2.67
43223	61.22	8.70	-8.30	-658.90	237.46	-885.15	-144.66	-336.65	147.63
43224	62.34	8.70	-8.30	-574.88	253.23	-955.85	-131.26	-408.49	107.55
43225	63.45	8.70	-8.30	-504.44	266.83	-1018.80	-119.76	-460.14	74.96
43226	64.56	8.70	-8.30	-444.32	277.77	-1068.24	-108.63	-495.66	47.21
43227	65.67	8.70	-8.30	-393.42	285.43	-1102.97	-96.19	-513.30	23.96
43228	66.78	8.70	-8.30	-348.26	292.12	-1123.69	-84.03	-518.69	7.92
43229	67.89	8.70	-8.30	-307.05	297.59	-1132.44	-72.92	-513.29	-3.17
43230	69.00	8.70	-8.30	-268.77	301.79	-1131.22	-63.04	-498.27	-9.78
43231	70.11	8.70	-8.30	-232.80	305.18	-1121.64	-54.82	-475.76	-12.76
43232	71.23	8.70	-8.30	-199.03	307.63	-1105.10	-48.23	-447.05	-13.40
43233	72.34	8.70	-8.30	-167.55	309.11	-1082.76	-43.16	-413.47	-12.44
43234	73.45	8.70	-8.30	-138.48	309.59	-1055.63	-39.44	-376.28	-10.47
43235	74.56	8.70	-8.30	-111.99	309.05	-1024.61	-36.87	-336.61	-7.89
43236	75.67	8.70	-8.30	-88.20	307.44	-990.52	-35.24	-295.42	-4.88
43237	76.78	8.70	-8.30	-67.17	304.76	-954.17	-34.33	-253.41	-1.38
43238	77.89	8.70	-8.30	-48.94	300.90	-916.23	-33.89	-211.01	4.45
43239	56.31	8.10	-2.70	1745.36	-431.93	-1929.12	-277.04	1014.95	-429.01
43240	57.22	8.10	-2.70	1576.24	-626.75	-1142.39	-8.42	153.10	-143.94
43241	58.12	8.10	-2.70	1513.71	-498.75	-689.60	186.54	-160.65	-176.92
43242	59.03	8.10	-2.70	1391.43	-417.15	-426.47	267.54	-349.91	-143.34
43243	59.93	8.10	-2.70	1182.87	-494.89	-479.09	401.80	-538.92	141.55
43244	56.54	8.70	-2.70	1650.01	-437.11	-2067.82	111.43	1040.05	521.17
43245	57.46	8.70	-2.70	1480.14	-706.88	-1357.43	214.33	76.34	241.28
43246	58.38	8.70	-2.70	1378.51	-498.75	-917.02	401.82	-244.63	73.92
43247	59.29	8.70	-2.70	1269.41	-475.13	-692.33	510.59	-475.86	49.22
43248	60.21	8.70	-2.70	1147.07	-568.09	-726.64	646.31	-618.32	236.65
43249	56.31	8.10	-4.10	773.80	-51.74	-1633.48	-103.23	1338.48	-147.73
43250	57.22	8.10	-4.10	601.57	-273.61	-1070.58	40.11	406.19	258.82
43251	58.12	8.10	-4.10	588.88	-293.76	-681.49	184.36	-7.45	119.28
43252	59.03	8.10	-4.10	536.25	-298.10	-523.62	279.49	-277.53	107.91
43253	59.93	8.10	-4.10	478.70	-300.95	-599.47	310.18	-474.58	174.41
43254	56.54	8.70	-4.10	701.16	68.18	-1702.58	153.95	1373.63	794.29
43255	57.46	8.70	-4.10	582.16	-206.75	-1097.41	129.46	364.14	397.06
43256	58.38	8.70	-4.10	567.25	-224.90	-710.61	239.62	-23.88	206.37
43257	59.29	8.70	-4.10	528.66	-241.18	-568.27	320.75	-283.30	160.91
43258	60.21	8.70	-4.10	471.93	-271.70	-649.45	331.26	-472.01	200.63
43259	56.31	8.10	-5.50	-84.93	-170.09	-1614.57	49.62	1377.74	147.71
43260	57.22	8.10	-5.50	-130.98	-139.87	-1150.00	27.63	438.97	503.28
43261	58.12	8.10	-5.50	-133.35	-106.37	-780.93	57.56	23.32	294.72
43262	59.03	8.10	-5.50	-98.81	-90.67	-621.14	96.40	-235.58	211.43
43263	59.93	8.10	-5.50	-42.35	-70.47	-662.23	109.47	-412.95	176.30

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
43264	56.54	8.70	-5.50	-195.31	-117.45	-1613.89	-3.15	1397.91	981.88
43265	57.46	8.70	-5.50	-142.13	-68.28	-1116.39	14.02	397.01	582.84
43266	58.38	8.70	-5.50	-119.71	-80.27	-758.96	59.03	14.22	350.54
43267	59.29	8.70	-5.50	-75.43	-78.48	-625.76	105.99	-242.47	245.65
43268	60.21	8.70	-5.50	-18.41	-69.09	-691.90	119.32	-422.86	203.32
43269	56.31	8.10	-6.90	-956.26	-283.92	-1797.15	151.09	1271.24	313.57
43270	57.22	8.10	-6.90	-846.90	-94.95	-1289.41	-15.65	345.48	627.68
43271	58.12	8.10	-6.90	-780.45	15.71	-873.61	-65.52	21.88	385.65
43272	59.03	8.10	-6.90	-639.81	51.02	-698.91	-53.18	-164.50	262.14
43273	59.93	8.10	-6.90	-492.42	80.57	-718.35	-35.76	-322.68	185.59
43274	56.54	8.70	-6.90	-1139.99	-314.06	-1783.91	-174.52	1300.27	1071.30
43275	57.46	8.70	-6.90	-831.69	9.62	-1218.93	-99.00	323.87	669.49
43276	58.38	8.70	-6.90	-716.51	34.76	-840.46	-103.00	31.03	417.98
43277	59.29	8.70	-6.90	-573.58	61.47	-701.69	-63.70	-167.02	280.96
43278	60.21	8.70	-6.90	-435.90	82.81	-744.22	-38.17	-331.97	202.24
43279	56.31	8.10	-8.30	-2082.42	-471.20	-2113.09	183.90	969.66	416.98
43280	57.22	8.10	-8.30	-1738.32	-48.91	-1369.69	-100.06	210.42	661.68
43281	58.12	8.10	-8.30	-1403.99	130.22	-884.81	-185.41	85.62	420.41
43282	59.03	8.10	-8.30	-1098.36	180.12	-755.13	-181.14	-44.18	286.54
43283	59.93	8.10	-8.30	-873.66	217.97	-781.95	-157.89	-203.80	192.62
43284	56.54	8.70	-8.30	-2263.43	-521.86	-2093.69	-423.58	1088.56	1098.19
43285	57.46	8.70	-8.30	-1623.53	77.19	-1276.90	-248.18	246.43	687.72
43286	58.38	8.70	-8.30	-1265.85	136.04	-865.88	-254.08	107.33	448.73
43287	59.29	8.70	-8.30	-990.18	182.51	-766.67	-204.66	-50.56	303.04
43288	60.21	8.70	-8.30	-790.60	214.18	-807.33	-167.68	-218.90	206.98
43289	79.15	20.20	-2.70	-112.89	-1241.33	-1019.89	304.37	-94.78	931.61
43290	80.55	20.10	-2.70	-93.72	-1216.17	-967.62	257.05	-36.79	887.24
43291	81.94	19.90	-2.70	-74.15	-1181.66	-910.59	209.42	15.36	834.97
43292	83.31	19.62	-2.70	-55.35	-1138.48	-849.86	162.55	60.78	776.54
43293	84.65	19.23	-2.70	-38.04	-1087.54	-786.47	117.59	98.77	713.61
43294	85.97	18.76	-2.70	-22.62	-1030.00	-721.36	75.53	128.93	647.86
43295	87.25	18.19	-2.70	-9.22	-967.16	-655.45	37.23	151.16	580.89
43296	88.49	17.54	-2.70	2.21	-900.44	-589.60	3.32	165.65	514.21
43297	89.68	16.80	-2.70	11.89	-831.29	-524.63	-25.81	172.87	449.17
43298	90.82	15.98	-2.70	20.15	-760.64	-460.90	-49.89	173.34	386.39
43299	91.89	15.08	-2.70	27.02	-690.98	-399.98	-68.62	167.41	328.42
43300	92.91	14.11	-2.70	32.91	-623.52	-343.13	-82.51	157.26	275.60
43301	93.85	13.08	-2.70	38.73	-558.17	-289.83	-91.89	143.44	227.25
43302	94.72	11.98	-2.70	44.38	-497.17	-241.27	-97.33	126.53	184.62
43303	95.51	10.82	-2.70	50.01	-439.56	-196.71	-99.29	107.67	146.93
43304	96.21	9.62	-2.70	56.16	-386.19	-155.03	-98.17	87.30	114.14
43305	97.19	21.03	-2.70	136.41	-426.16	-53.17	202.58	-33.36	197.88
43306	80.67	20.93	-2.70	122.52	-429.49	-49.65	187.19	-19.11	187.78
43307	82.14	20.72	-2.70	112.55	-431.15	-45.95	171.65	-6.31	175.79
43308	83.59	20.41	-2.70	105.78	-430.97	-42.15	155.76	4.74	162.34
43309	85.02	19.99	-2.70	101.50	-428.80	-38.30	139.50	13.88	147.91
43310	86.41	19.48	-2.70	99.04	-424.56	-34.49	122.95	21.03	132.92
43311	87.77	18.87	-2.70	97.80	-418.23	-30.75	106.28	26.17	117.77
43312	89.07	18.17	-2.70	97.24	-409.87	-27.13	89.73	29.39	102.81
43313	90.33	17.37	-2.70	96.94	-399.52	-23.64	73.55	30.79	88.31
43314	91.52	16.49	-2.70	96.52	-387.54	-20.39	58.06	30.52	74.70
43315	92.65	15.53	-2.70	95.77	-374.16	-17.35	43.45	28.92	62.15
43316	93.71	14.48	-2.70	94.66	-359.55	-14.40	30.05	26.20	50.65
43317	94.69	13.37	-2.70	93.31	-344.33	-11.67	17.91	22.58	40.36
43318	95.59	12.19	-2.70	91.65	-328.41	-8.95	6.94	18.27	31.23
43319	96.40	10.95	-2.70	89.63	-311.88	-6.25	-2.57	13.50	23.17
43320	97.13	9.66	-2.70	87.57	-294.67	-3.39	-10.44	8.42	15.63
43321	79.23	21.87	-2.70	187.63	-127.19	-40.03	146.21	-39.65	60.45
43322	80.80	21.76	-2.70	159.01	-139.93	-37.47	143.30	-35.30	59.07
43323	82.35	21.54	-2.70	135.87	-153.85	-34.75	140.97	-30.91	57.02
43324	83.88	21.20	-2.70	117.83	-168.58	-31.95	138.43	-26.64	54.38
43325	85.39	20.76	-2.70	104.36	-183.70	-29.11	135.07	-22.65	51.27
43326	86.86	20.20	-2.70	94.74	-198.72	-26.27	130.50	-19.04	47.80
43327	88.28	19.55	-2.70	88.19	-213.18	-23.45	124.49	-15.90	44.08
43328	89.65	18.79	-2.70	83.92	-226.62	-20.68	116.98	-13.27	40.19
43329	90.97	17.94	-2.70	81.20	-238.68	-17.99	108.06	-11.16	36.26
43330	92.22	17.00	-2.70	79.39	-249.06	-15.41	97.92	-9.55	32.37
43331	93.40	15.97	-2.70	77.99	-257.56	-12.94	86.86	-8.39	28.57
43332	94.51	14.85	-2.70	76.69	-264.12	-10.63	75.16	-7.64	24.92
43333	95.53	13.67	-2.70	75.23	-268.69	-8.47	63.07	-7.25	21.43
43334	96.46	12.41	-2.70	73.39	-271.17	-6.45	50.89	-7.17	18.12
43335	97.30	11.08	-2.70	71.19	-271.46	-4.44	38.95	-7.33	14.82
43336	98.05	9.70	-2.70	68.83	-269.65	-2.56	27.59	-7.69	11.24
43337	79.28	22.71	-2.70	212.80	-24.04	-14.77	93.07	-43.37	3.94
43338	80.92	22.59	-2.70	172.26	-35.78	-13.50	90.94	-43.48	6.64
43339	82.56	22.35	-2.70	137.05	-49.07	-12.20	91.52	-42.75	9.20
43340	84.17	21.99	-2.70	107.49	-63.98	-10.90	93.77	-41.31	11.51
43341	85.75	21.52	-2.70	83.58	-80.39	-9.64	96.73	-39.34	13.53
43342	87.30	20.93	-2.70	65.00	-98.05	-8.42	99.59	-36.99	15.22
43343	88.80	20.23	-2.70	51.19	-116.60	-7.23	101.67	-34.39	16.54
43344	90.24	19.42	-2.70	41.47	-135.60	-6.09	102.47	-31.64	17.50
43345	91.62	18.52	-2.70	35.10	-154.59	-5.00	101.66	-28.81	18.09
43346	92.93	17.51	-2.70	31.37	-173.10	-3.95	99.07	-25.98	18.32
43347	94.16	16.41	-2.70	29.60	-190.71	-2.96	94.66	-23.19	18.18
43348	95.31	15.22	-2.70	29.21	-207.05	-2.02	88.47	-20.50	17.71
43349	96.37	13.96	-2.70	29.66	-221.75	-1.14	80.62	-17.95	16.90
43350	97.34	12.62	-2.70	30.52	-234.46	-0.29	71.33	-15.57	15.75
43351	98.20	11.21	-2.70	31.46	-244.86	0.62	60.87	-13.42	14.13
43352	98.96	9.75	-2.70	32.49	-252.62	1.43	49.43	-11.37	11.65
43353	79.32	23.55	-2.70	215.69	-1.88	4.31	30.93	-56.04	-12.25
43354	81.05	23.42	-2.70	164.22	-6.16	4.49	24.35	-58.95	-6.96
43355	82.77	23.17	-2.70	116.98	-11.13	4.61	23.74	-60.21	-1.49
43356	84.46	22.78	-2.70	75.30	-17.75	4.67	27.95	-60.00	3.90
43357	86.12	22.28	-2.70	40.03	-26.66	4.66	35.72	-58.53	8.99
43358	87.74	21.65	-2.70	11.52	-38.21	4.58	45.71	-56.05	13.62
43359	89.31	20.91	-2.70	-10.27	-52.49	4.47	56.68	-52.75	17.68
43360	90.82	20.05	-2.70	-25.71	-69.33	4.32	67.50	-48.82	21.09
43361	92.26	19.09	-2.70	-35.38	-88.38	4.16	77.19	-44.42	23.79
43362	93.63	18.02	-2.70	-40.02	-109.12	4.00	84.96	-39.70	25.73

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
43363	94.92	16.85	-2.70	-40.46	-130.95	3.83	90.20	-34.80	26.89
43364	96.11	15.59	-2.70	-37.59	-153.16	3.66	92.51	-29.87	27.29
43365	97.21	14.25	-2.70	-32.31	-175.04	3.50	91.63	-25.02	26.93
43366	98.21	12.83	-2.70	-25.51	-195.82	3.37	87.52	-20.36	25.81
43367	99.10	11.34	-2.70	-17.89	-214.75	3.42	80.28	-15.99	23.84
43368	99.88	9.79	-2.70	-10.64	-231.29	3.30	70.32	-12.43	20.91
43369	79.15	20.20	-4.10	42.52	-412.95	-1049.91	138.08	-106.65	764.40
43370	80.55	20.10	-4.10	37.92	-409.75	-995.71	120.26	-53.32	729.33
43371	81.94	19.90	-4.10	34.49	-404.09	-937.18	102.72	-5.04	687.80
43372	83.31	19.62	-4.10	31.90	-396.01	-875.41	85.58	37.47	641.20
43373	84.65	19.23	-4.10	29.86	-385.57	-811.41	69.01	73.62	590.82
43374	85.97	18.76	-4.10	28.11	-372.87	-746.12	53.27	103.08	537.94
43375	87.25	18.19	-4.10	26.52	-358.13	-680.38	38.61	125.71	483.79
43376	88.49	17.54	-4.10	24.99	-341.63	-614.99	25.25	141.63	429.54
43377	89.68	16.80	-4.10	23.49	-323.64	-550.60	13.39	151.11	376.18
43378	90.82	15.98	-4.10	22.02	-304.60	-487.81	3.23	154.46	324.54
43379	91.89	15.08	-4.10	20.75	-284.99	-427.48	-5.13	152.05	275.99
43380	92.91	14.11	-4.10	19.83	-264.97	-370.18	-11.66	145.19	230.91
43381	93.85	13.08	-4.10	19.52	-245.01	-315.86	-16.43	134.62	189.14
43382	94.72	11.98	-4.10	19.86	-225.72	-264.64	-19.70	120.50	150.97
43383	95.51	10.82	-4.10	20.71	-207.55	-216.66	-21.61	103.69	117.42
43384	96.21	9.62	-4.10	21.89	-190.92	-172.49	-22.55	85.41	88.70
43385	79.19	21.03	-4.10	117.46	-479.81	-440.07	114.30	-93.24	548.01
43386	80.67	20.93	-4.10	101.01	-467.88	-415.44	87.05	-54.61	522.46
43387	82.14	20.72	-4.10	84.93	-451.88	-389.03	62.84	-19.49	491.86
43388	83.59	20.41	-4.10	69.56	-432.63	-361.30	41.87	11.37	457.29
43389	85.02	19.99	-4.10	55.21	-410.92	-332.75	24.21	37.45	419.82
43390	86.41	19.48	-4.10	42.20	-387.56	-303.78	9.87	58.46	380.50
43391	87.77	18.87	-4.10	30.77	-363.29	-274.77	-1.28	74.27	340.34
43392	89.07	18.17	-4.10	21.14	-338.83	-246.05	-9.46	84.99	300.24
43393	90.33	17.37	-4.10	13.45	-314.79	-217.92	-14.94	90.84	261.02
43394	91.52	16.49	-4.10	7.83	-291.76	-190.68	-18.09	92.16	223.51
43395	92.65	15.53	-4.10	4.30	-270.23	-164.70	-19.39	89.58	188.42
43396	93.71	14.48	-4.10	2.74	-250.40	-140.15	-19.30	83.81	156.08
43397	94.69	13.37	-4.10	3.08	-232.50	-117.11	-18.21	75.35	126.68
43398	95.59	12.19	-4.10	5.09	-216.64	-95.66	-16.66	64.79	100.48
43399	96.40	10.95	-4.10	8.39	-202.70	-75.59	-14.92	52.76	77.50
43400	97.13	9.66	-4.10	12.55	-191.03	-57.36	-13.22	39.80	58.18
43401	79.23	21.87	-4.10	182.40	-264.31	-153.08	81.55	-97.67	235.02
43402	80.80	21.76	-4.10	154.84	-259.08	-143.08	62.16	-80.90	227.27
43403	82.35	21.54	-4.10	128.54	-251.65	-132.57	46.46	-64.69	217.12
43404	83.88	21.20	-4.10	104.15	-242.76	-121.78	34.28	-49.52	204.94
43405	85.39	20.76	-4.10	82.19	-233.13	-110.91	25.33	-35.83	191.18
43406	86.86	20.20	-4.10	62.99	-223.35	-100.08	19.24	-23.96	176.26
43407	88.28	19.55	-4.10	46.76	-213.94	-89.37	15.56	-14.10	160.59
43408	89.65	18.79	-4.10	33.56	-205.29	-78.89	13.81	-6.32	144.57
43409	90.97	17.94	-4.10	23.37	-197.69	-68.71	13.50	-0.60	128.58
43410	92.22	17.00	-4.10	16.08	-191.33	-58.95	14.12	3.18	112.97
43411	93.40	15.97	-4.10	11.44	-186.26	-49.65	15.18	5.22	97.99
43412	94.51	14.85	-4.10	9.18	-182.43	-40.84	16.28	5.71	83.82
43413	95.53	13.67	-4.10	8.97	-179.74	-32.56	17.02	4.89	70.60
43414	96.46	12.41	-4.10	10.39	-177.94	-24.76	17.15	2.98	58.39
43415	97.30	11.08	-4.10	13.03	-176.91	-17.31	16.51	0.22	47.23
43416	98.05	9.70	-4.10	16.42	-176.81	-10.85	15.08	-3.23	37.59
43417	79.28	22.71	-4.10	209.51	-111.54	-84.25	49.40	-112.47	82.88
43418	80.92	22.59	-4.10	173.86	-110.67	-77.67	35.71	-108.07	85.86
43419	82.56	22.35	-4.10	139.98	-108.85	-70.87	26.47	-102.05	87.90
43420	84.17	21.99	-4.10	108.88	-106.87	-64.04	21.21	-94.83	88.90
43421	85.75	21.52	-4.10	81.27	-105.42	-57.32	19.31	-86.90	88.83
43422	87.30	20.93	-4.10	57.59	-105.02	-50.74	20.09	-78.67	87.74
43423	88.80	20.23	-4.10	38.03	-106.02	-44.33	22.80	-70.47	85.67
43424	90.24	19.42	-4.10	22.60	-108.59	-38.10	26.72	-62.54	82.71
43425	91.62	18.52	-4.10	11.13	-112.78	-32.10	31.15	-55.03	78.98
43426	92.93	17.51	-4.10	3.33	-118.48	-26.35	35.44	-48.06	74.58
43427	94.16	16.41	-4.10	-1.21	-125.47	-20.88	39.06	-41.70	69.61
43428	95.31	15.22	-4.10	-2.97	-133.45	-15.72	41.57	-36.00	64.16
43429	96.37	13.96	-4.10	-2.47	-142.03	-10.87	42.64	-30.98	58.30
43430	97.34	12.62	-4.10	-0.28	-150.79	-6.31	42.08	-26.66	52.07
43431	98.20	11.21	-4.10	3.05	-159.46	-1.91	39.85	-23.09	45.54
43432	98.96	9.75	-4.10	6.94	-168.09	1.57	35.96	-20.16	39.28
43433	79.32	23.55	-4.10	227.42	-25.48	-5.72	11.26	-138.71	10.77
43434	81.05	23.42	-4.10	184.06	-24.51	-3.26	-1.16	-142.59	21.30
43435	82.77	23.17	-4.10	142.23	-22.90	-0.93	-7.62	-142.84	31.87
43436	84.46	22.78	-4.10	103.46	-21.78	1.14	-8.76	-139.94	41.93
43437	86.12	22.28	-4.10	68.88	-22.10	2.92	-5.47	-134.48	51.07
43438	87.74	21.65	-4.10	39.26	-24.54	4.44	1.22	-127.02	59.00
43439	89.31	20.91	-4.10	14.99	-29.53	5.75	10.23	-118.06	65.53
43440	90.82	20.05	-4.10	-3.83	-37.23	6.91	20.46	-108.02	70.53
43441	92.26	19.09	-4.10	-17.37	-47.60	7.95	30.89	-97.28	73.91
43442	93.63	18.02	-4.10	-26.00	-60.35	8.88	40.59	-86.15	75.65
43443	94.92	16.85	-4.10	-30.28	-75.07	9.72	48.80	-74.94	75.76
43444	96.11	15.59	-4.10	-30.89	-91.19	10.48	54.89	-63.91	74.28
43445	97.21	14.25	-4.10	-28.58	-108.08	11.18	58.43	-53.31	71.26
43446	98.21	12.83	-4.10	-24.16	-125.06	11.88	59.19	-43.36	66.76
43447	99.10	11.34	-4.10	-18.34	-141.60	12.72	57.10	-34.29	60.98
43448	99.88	9.79	-4.10	-12.54	-157.50	12.83	52.32	-26.83	54.78
43449	79.15	20.20	-5.50	83.27	-174.46	-989.83	61.99	-123.52	622.86
43450	80.55	20.10	-5.50	74.66	-173.13	-938.25	49.77	-76.26	596.41
43451	81.94	19.90	-5.50	66.21	-170.20	-883.06	38.53	-33.03	564.41
43452	83.31	19.62	-5.50	58.04	-165.86	-825.22	28.31	5.49	527.93
43453	84.65	19.23	-5.50	50.21	-160.29	-765.62	19.19	38.77	488.02
43454	85.97	18.76	-5.50	42.79	-153.68	-705.05	11.23	66.42	445.72
43455	87.25	18.19	-5.50	35.85	-146.26	-644.22	4.46	88.31	402.05
43456	88.49	17.54	-5.50	29.44	-138.22	-583.78	-1.09	104.45	357.93
43457	89.68	16.80	-5.50	23.63	-129.79	-524.31	-5.44	115.02	314.26
43458	90.82	15.98	-5.50	18.50	-121.16	-466.33	-8.65	120.30	271.75
43459	91.89	15.08	-5.50	14.11	-112.67	-410.45	-10.81	120.62	231.42
43460	92.91	14.11	-5.50	10.45	-104.35	-357.09	-12.00	116.94	193.79
43461	93.85	13.08	-5.50	7.78	-96.40	-306.35	-12.33	109.95	158.82



Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
43462	94.72	11.98	-5.50	5.90	-89.38	-258.51	-12.16	99.85	126.78
43463	95.51	10.82	-5.50	4.64	-83.07	-213.82	-11.56	87.30	98.69
43464	96.21	9.62	-5.50	4.00	-77.37	-172.53	-10.81	73.33	74.25
43465	79.19	21.03	-5.50	132.50	-235.08	-609.39	49.73	-124.78	543.18
43466	80.67	20.93	-5.50	116.20	-227.80	-574.83	30.52	-84.59	520.35
43467	82.14	20.72	-5.50	99.36	-217.85	-538.13	14.11	-47.47	492.35
43468	83.59	20.41	-5.50	82.55	-205.94	-499.95	0.62	-14.24	460.22
43469	85.02	19.99	-5.50	66.30	-192.72	-460.86	-9.93	14.50	424.95
43470	86.41	19.48	-5.50	51.05	-178.82	-421.39	-17.61	38.34	387.55
43471	87.77	18.87	-5.50	37.16	-164.78	-381.96	-22.62	57.07	348.94
43472	89.07	18.17	-5.50	24.92	-151.11	-342.96	-25.21	70.71	310.03
43473	90.33	17.37	-5.50	14.57	-138.21	-304.78	-25.73	79.42	271.61
43474	91.52	16.49	-5.50	6.26	-126.45	-267.79	-24.57	83.49	234.51
43475	92.65	15.53	-5.50	0.05	-116.02	-232.33	-22.17	83.45	199.36
43476	93.71	14.48	-5.50	-4.10	-106.99	-198.61	-18.93	79.89	166.58
43477	94.69	13.37	-5.50	-6.30	-99.54	-166.78	-15.24	73.33	136.43
43478	95.59	12.19	-5.50	-6.75	-93.62	-136.88	-11.52	64.29	109.26
43479	96.40	10.95	-5.50	-5.83	-89.15	-109.09	-8.07	53.46	85.35
43480	97.13	9.66	-5.50	-3.84	-85.74	-83.61	-5.11	41.52	64.70
43481	79.23	21.87	-5.50	172.91	-205.93	-339.30	34.62	-136.97	350.98
43482	80.80	21.76	-5.50	149.52	-197.45	-317.53	14.12	-111.88	339.70
43483	82.35	21.54	-5.50	125.44	-186.25	-294.70	-2.39	-87.54	324.87
43484	83.88	21.20	-5.50	101.67	-173.28	-271.30	-14.86	-64.73	307.04
43485	85.39	20.76	-5.50	79.03	-159.46	-247.70	-23.38	-44.11	286.83
43486	86.86	20.20	-5.50	58.18	-145.62	-224.15	-28.23	-26.19	264.85
43487	88.28	19.55	-5.50	39.64	-132.45	-200.85	-29.84	-11.24	241.69
43488	89.65	18.79	-5.50	23.78	-120.50	-177.98	-28.73	0.61	217.91
43489	90.97	17.94	-5.50	10.86	-110.21	-155.74	-25.51	9.38	194.06
43490	92.22	17.00	-5.50	0.99	-101.84	-134.30	-20.83	15.22	170.67
43491	93.40	15.97	-5.50	-5.89	-95.50	-113.84	-15.32	18.39	148.13
43492	94.51	14.85	-5.50	-9.98	-91.17	-94.46	-9.56	19.21	126.77
43493	95.53	13.67	-5.50	-11.55	-88.71	-76.22	-4.07	17.99	106.82
43494	96.46	12.41	-5.50	-11.01	-87.92	-59.15	0.73	15.08	88.47
43495	97.30	11.08	-5.50	-8.83	-88.55	-43.38	4.56	10.86	71.93
43496	98.05	9.70	-5.50	-5.46	-90.10	-29.15	7.17	5.71	57.17
43497	79.28	22.71	-5.50	204.52	-106.53	-195.74	18.03	-158.23	174.02
43498	80.92	22.59	-5.50	175.08	-101.24	-180.67	0.89	-148.06	175.21
43499	82.56	22.35	-5.50	145.26	-94.03	-165.11	-11.73	-135.96	174.54
43500	84.17	21.99	-5.50	116.31	-85.89	-149.54	-19.92	-122.67	172.02
43501	85.75	21.52	-5.50	89.23	-77.75	-134.22	-24.01	-108.94	167.75
43502	87.30	20.93	-5.50	64.75	-70.39	-119.22	-24.50	-95.41	161.88
43503	88.80	20.23	-5.50	43.39	-64.41	-104.59	-22.01	-82.51	154.57
43504	90.24	19.42	-5.50	25.51	-60.26	-90.38	-17.28	-70.56	146.05
43505	91.62	18.52	-5.50	11.28	-58.18	-76.66	-11.05	-59.74	136.56
43506	92.93	17.51	-5.50	0.66	-58.25	-63.51	-4.08	-50.17	126.33
43507	94.16	16.41	-5.50	-6.51	-60.37	-51.01	2.93	-41.88	115.57
43508	95.31	15.22	-5.50	-10.58	-64.33	-39.19	9.39	-34.89	104.47
43509	96.37	13.96	-5.50	-11.97	-69.80	-28.11	14.79	-29.15	93.19
43510	97.34	12.62	-5.50	-11.18	-76.43	-17.75	18.79	-24.61	81.89
43511	98.20	11.21	-5.50	-8.79	-83.86	-8.28	21.18	-21.24	70.80
43512	98.96	9.75	-5.50	-5.38	-91.41	0.00	21.78	-18.82	59.87
43513	79.32	23.55	-5.50	231.41	-27.03	-70.29	-0.28	-190.05	54.38
43514	81.05	23.42	-5.50	196.49	-24.06	-61.29	-15.29	-191.93	66.38
43515	82.77	23.17	-5.50	161.24	-19.71	-52.34	-25.07	-189.21	77.98
43516	84.46	22.78	-5.50	127.19	-15.08	-43.86	-29.87	-182.65	88.55
43517	86.12	22.28	-5.50	95.55	-11.14	-35.99	-30.24	-173.14	97.65
43518	87.74	21.65	-5.50	67.18	-8.67	-28.67	-26.89	-161.48	105.00
43519	89.31	20.91	-5.50	42.68	-8.23	-21.80	-20.65	-148.34	110.44
43520	90.82	20.05	-5.50	22.42	-10.19	-15.32	-12.44	-134.23	113.85
43521	92.26	19.09	-5.50	6.51	-14.65	-9.20	-3.18	-119.62	115.23
43522	93.63	18.02	-5.50	-5.12	-21.55	-3.45	6.25	-104.91	114.60
43523	94.92	16.85	-5.50	-12.78	-30.62	1.94	15.08	-90.42	112.02
43524	96.11	15.59	-5.50	-16.91	-41.47	6.98	22.64	-76.47	107.59
43525	97.21	14.25	-5.50	-18.09	-53.61	11.66	28.45	-63.32	101.44
43526	98.21	12.83	-5.50	-16.95	-66.52	16.02	32.15	-51.21	93.72
43527	99.10	11.34	-5.50	-14.09	-79.69	19.88	33.53	-40.36	84.81
43528	99.88	9.79	-5.50	-10.65	-92.33	22.87	32.57	-31.52	74.93
43529	79.15	20.20	-6.90	94.25	-18.57	-927.22	9.18	-135.58	530.03
43530	80.55	20.10	-6.90	87.35	-18.10	-878.08	0.79	-92.78	509.43
43531	81.94	19.90	-6.90	79.55	-16.53	-826.09	-6.62	-53.21	483.86
43532	83.31	19.62	-6.90	71.16	-14.07	-772.05	-12.96	-17.55	454.20
43533	84.65	19.23	-6.90	62.45	-10.95	-716.68	-18.14	13.66	421.33
43534	85.97	18.76	-6.90	53.67	-7.37	-660.64	-22.11	40.04	386.13
43535	87.25	18.19	-6.90	45.02	-3.55	-604.51	-24.88	61.39	349.48
43536	88.49	17.54	-6.90	36.68	0.36	-548.83	-26.47	77.68	312.19
43537	89.68	16.80	-6.90	28.84	4.16	-494.10	-26.98	89.05	275.03
43538	90.82	15.98	-6.90	21.67	7.79	-440.77	-26.51	95.71	238.65
43539	91.89	15.08	-6.90	15.27	10.93	-389.34	-25.22	97.93	203.91
43540	92.91	14.11	-6.90	9.69	13.68	-340.14	-23.24	96.49	171.37
43541	93.85	13.08	-6.90	5.15	15.94	-293.34	-20.72	92.00	141.05
43542	94.72	11.98	-6.90	1.53	17.29	-249.22	-17.95	84.62	113.10
43543	95.51	10.82	-6.90	-1.30	18.12	-207.96	-15.09	74.88	88.51
43544	96.21	9.62	-6.90	-3.44	18.46	-169.76	-12.35	63.76	67.00
43545	79.19	21.03	-6.90	129.93	-82.49	-680.02	4.68	-143.47	492.67
43546	80.67	20.93	-6.90	117.62	-77.40	-640.50	-9.33	-105.52	474.27
43547	82.14	20.72	-6.90	103.83	-70.30	-598.95	-21.09	-69.94	450.97
43548	83.59	20.41	-6.90	89.26	-61.83	-556.09	-30.43	-37.54	423.70
43549	85.02	19.99	-6.90	74.48	-52.56	-512.53	-37.24	-9.01	393.34
43550	86.41	19.48	-6.90	60.02	-43.01	-468.73	-41.55	15.17	360.76
43551	87.77	18.87	-6.90	46.29	-33.66	-425.11	-43.51	34.75	326.77
43552	89.07	18.17	-6.90	33.68	-24.88	-382.07	-43.35	49.69	292.18
43553	90.33	17.37	-6.90	22.48	-17.00	-339.97	-41.41	60.07	257.72
43554	91.52	16.49	-6.90	12.93	-10.28	-299.19	-38.03	66.14	224.13
43555	92.65	15.53	-6.90	5.16	-4.85	-260.05	-33.64	68.29	192.00
43556	93.71	14.48	-6.90	-0.83	-0.75	-222.78	-28.60	67.02	161.78
43557	94.69	13.37	-6.90	-5.07	1.93	-187.53	-23.26	62.78	133.77
43558	95.59	12.19	-6.90	-7.74	3.29	-154.44	-18.00	56.08	108.39
43559	96.40	10.95	-6.90	-9.11	3.53	-123.66	-13.09	47.53	85.82
43560	97.13	9.66	-6.90	-9.40	2.87	-95.38	-8.69	37.83	66.13

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
43561	79.23	21.87	-6.90	162.76	-96.01	-469.95	0.09	-159.81	373.33
43562	80.80	21.76	-6.90	145.36	-89.05	-439.16	-16.51	-132.79	362.77
43563	82.35	21.54	-6.90	126.20	-79.75	-407.10	-29.97	-106.14	348.33
43564	83.88	21.20	-6.90	106.33	-68.98	-374.53	-40.06	-80.79	330.65
43565	85.39	20.76	-6.90	86.59	-57.56	-341.88	-46.73	-57.59	310.35
43566	86.86	20.20	-6.90	67.65	-46.20	-309.42	-50.10	-37.14	288.01
43567	88.28	19.55	-6.90	50.08	-35.52	-277.36	-50.47	-19.79	264.20
43568	89.65	18.79	-6.90	34.35	-26.01	-245.93	-48.29	-5.70	239.52
43569	90.97	17.94	-6.90	20.83	-18.05	-215.37	-44.06	5.11	214.53
43570	92.22	17.00	-6.90	9.74	-11.87	-185.90	-38.38	12.77	189.77
43571	93.40	15.97	-6.90	1.16	-7.57	-157.74	-31.79	17.50	165.70
43572	94.51	14.85	-6.90	-4.98	-5.14	-131.02	-24.84	19.58	142.69
43573	95.53	13.67	-6.90	-8.86	-4.47	-105.85	-17.99	19.34	121.06
43574	96.46	12.41	-6.90	-10.76	-5.37	-82.33	-11.63	17.16	101.07
43575	97.30	11.08	-6.90	-11.04	-7.55	-60.60	-6.07	13.46	82.87
43576	98.05	9.70	-6.90	-10.07	-10.70	-40.86	-1.55	8.71	66.47
43577	79.28	22.71	-6.90	191.88	-62.52	-321.96	-4.19	-184.31	229.19
43578	80.92	22.59	-6.90	169.97	-56.71	-297.14	-20.42	-170.56	229.34
43579	82.56	22.35	-6.90	146.39	-48.80	-271.61	-32.99	-154.51	227.04
43580	84.17	21.99	-6.90	122.42	-39.71	-246.24	-41.75	-137.22	222.43
43581	85.75	21.52	-6.90	99.03	-30.32	-221.37	-46.73	-119.73	215.68
43582	87.30	20.93	-6.90	76.94	-21.41	-197.04	-48.19	-102.79	206.98
43583	88.80	20.23	-6.90	56.77	-13.60	-173.28	-46.58	-86.91	196.55
43584	90.24	19.42	-6.90	39.01	-7.36	-150.18	-42.48	-72.40	184.69
43585	91.62	18.52	-6.90	24.03	-3.03	-127.86	-36.54	-59.48	171.70
43586	92.93	17.51	-6.90	11.98	-0.74	-106.45	-29.44	-48.27	157.90
43587	94.16	16.41	-6.90	2.87	-0.50	-86.07	-21.83	-38.79	143.58
43588	95.31	15.22	-6.90	-3.46	-2.18	-66.82	-14.28	-31.02	129.01
43589	96.37	13.96	-6.90	-7.30	-5.54	-48.75	-7.28	-24.89	114.42
43590	97.34	12.62	-6.90	-8.99	-10.32	-31.96	-1.23	-20.28	100.05
43591	98.20	11.21	-6.90	-8.97	-16.12	-16.63	3.60	-17.08	86.05
43592	98.96	9.75	-6.90	-7.79	-22.50	-2.98	6.99	-15.01	72.38
43593	79.32	23.55	-6.90	220.79	-17.45	-188.67	-7.91	-217.96	86.37
43594	81.05	23.42	-6.90	194.88	-13.91	-169.37	-23.19	-217.97	98.75
43595	82.77	23.17	-6.90	167.39	-8.66	-149.90	-34.36	-212.69	110.34
43596	84.46	22.78	-6.90	139.80	-2.60	-131.17	-41.40	-203.23	120.51
43597	86.12	22.28	-6.90	113.15	3.38	-113.44	-44.52	-190.80	128.87
43598	87.74	21.65	-6.90	88.21	8.53	-96.57	-44.12	-176.36	135.17
43599	89.31	20.91	-6.90	65.64	12.26	-80.43	-40.76	-160.60	139.25
43600	90.82	20.05	-6.90	45.94	14.16	-64.97	-35.11	-144.10	141.06
43601	92.26	19.09	-6.90	29.45	13.98	-50.20	-27.93	-127.33	140.62
43602	93.63	18.02	-6.90	16.29	11.68	-36.17	-19.93	-110.71	138.00
43603	94.92	16.85	-6.90	6.37	7.36	-22.92	-11.82	-94.61	133.33
43604	96.11	15.59	-6.90	-0.52	1.25	-10.48	-4.18	-79.32	126.76
43605	97.21	14.25	-6.90	-4.75	-6.33	1.10	2.50	-65.10	118.46
43606	98.21	12.83	-6.90	-6.75	-14.99	11.73	7.83	-52.17	108.66
43607	99.10	11.34	-6.90	-6.92	-24.23	21.22	11.52	-40.69	97.61
43608	99.88	9.79	-6.90	-6.20	-33.57	29.35	13.45	-31.46	85.61
43609	79.15	20.20	-8.30	88.18	88.44	-871.88	-32.46	-139.21	455.70
43610	80.55	20.10	-8.30	86.00	89.07	-824.57	-38.28	-100.63	439.51
43611	81.94	19.90	-8.30	81.80	90.63	-775.09	-43.38	-64.66	418.84
43612	83.31	19.62	-8.30	76.01	92.88	-724.10	-47.57	-31.97	394.44
43613	84.65	19.23	-8.30	69.04	95.56	-672.19	-50.66	-3.09	367.06
43614	85.97	18.76	-8.30	61.21	98.45	-619.89	-52.54	21.59	337.48
43615	87.25	18.19	-8.30	52.86	101.35	-567.68	-53.18	41.87	306.44
43616	88.49	17.54	-8.30	44.30	104.08	-516.01	-52.60	57.69	274.65
43617	89.68	16.80	-8.30	35.82	106.47	-465.32	-50.91	69.16	242.78
43618	90.82	15.98	-8.30	27.68	108.44	-415.99	-48.22	76.43	211.40
43619	91.89	15.08	-8.30	20.11	109.71	-368.47	-44.69	79.74	181.29
43620	92.91	14.11	-8.30	13.20	110.39	-323.05	-40.50	79.69	152.96
43621	93.85	13.08	-8.30	7.22	110.47	-279.90	-35.80	76.83	126.50
43622	94.72	11.98	-8.30	2.10	109.53	-239.22	-30.87	71.30	101.99
43623	95.51	10.82	-8.30	-2.20	108.05	-201.12	-25.89	63.54	80.41
43624	96.21	9.62	-8.30	-5.75	106.07	-165.78	-21.05	54.47	61.46
43625	79.19	21.03	-8.30	117.74	25.52	-708.49	-30.53	-150.00	435.26
43626	80.67	20.93	-8.30	111.53	29.58	-666.05	-40.69	-115.38	420.76
43627	82.14	20.72	-8.30	102.89	35.29	-621.94	-49.35	-82.47	401.77
43628	83.59	20.41	-8.30	92.53	42.06	-576.86	-56.20	-52.13	379.12
43629	85.02	19.99	-8.30	81.05	49.38	-531.34	-61.00	-25.07	353.58
43630	86.41	19.48	-8.30	68.95	56.84	-485.78	-63.64	-1.79	325.86
43631	87.77	18.87	-8.30	56.73	64.04	-440.57	-64.20	17.44	296.67
43632	89.07	18.17	-8.30	44.83	70.66	-396.05	-62.84	32.55	266.68
43633	90.33	17.37	-8.30	33.65	76.42	-352.58	-59.80	43.58	236.55
43634	91.52	16.49	-8.30	23.51	81.09	-310.51	-55.38	50.70	206.93
43635	92.65	15.53	-8.30	14.63	84.54	-270.14	-49.96	54.21	178.39
43636	93.71	14.48	-8.30	7.13	86.78	-231.71	-43.85	54.52	151.36
43637	94.69	13.37	-8.30	1.06	87.70	-195.37	-37.35	52.01	126.17
43638	95.59	12.19	-8.30	-3.66	87.43	-161.23	-30.80	47.11	103.23
43639	96.40	10.95	-8.30	-7.17	86.13	-129.44	-24.40	40.45	82.70
43640	97.13	9.66	-8.30	-9.59	84.00	-100.16	-18.33	32.65	64.66
43641	79.23	21.87	-8.30	145.76	-11.93	-556.79	-26.81	-167.92	355.94
43642	80.80	21.76	-8.30	135.71	-5.99	-519.14	-39.82	-141.88	347.15
43643	82.35	21.54	-8.30	123.01	2.03	-480.35	-50.82	-115.64	334.55
43644	83.88	21.20	-8.30	108.67	11.32	-441.32	-59.34	-90.35	318.88
43645	85.39	20.76	-8.30	93.41	21.18	-402.47	-65.07	-66.99	300.65
43646	86.86	20.20	-8.30	77.84	31.03	-364.00	-67.96	-46.18	280.35
43647	88.28	19.55	-8.30	62.54	40.38	-326.09	-68.17	-28.28	258.46
43648	89.65	18.79	-8.30	48.04	48.79	-288.97	-66.00	-13.45	235.52
43649	90.97	17.94	-8.30	34.84	55.90	-252.90	-61.86	-1.75	212.06
43650	92.22	17.00	-8.30	23.25	61.47	-218.14	-56.19	6.90	188.60
43651	93.40	15.97	-8.30	13.48	65.41	-184.93	-49.48	12.67	165.60
43652	94.51	14.85	-8.30	5.60	67.69	-153.41	-42.16	15.78	143.45
43653	95.53	13.67	-8.30	-0.44	68.37	-123.71	-34.65	16.54	122.52
43654	96.46	12.41	-8.30	-4.78	67.59	-95.94	-27.29	15.32	103.08
43655	97.30	11.08	-8.30	-7.60	65.56	-70.26	-20.32	12.55	85.26
43656	98.05	9.70	-8.30	-9.16	62.50	-46.87	-14.03	8.72	69.05
43657	79.28	22.71	-8.30	172.26	-18.03	-436.39	-21.01	-193.34	240.92
43658	80.92	22.59	-8.30	158.75	-12.47	-402.06	-35.07	-178.88	241.11
43659	82.56	22.35	-8.30	142.66	-4.80	-367.04	-46.80	-161.52	238.66

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
43660	84.17	21.99	-8.30	125.25	4.16	-332.66	-55.71	-142.76	233.92
43661	85.75	21.52	-8.30	107.22	13.63	-299.15	-61.47	-123.94	227.04
43662	87.30	20.93	-8.30	89.15	22.98	-266.43	-64.12	-105.82	218.11
43663	88.80	20.23	-8.30	71.67	31.63	-234.45	-63.90	-88.85	207.33
43664	90.24	19.42	-8.30	55.37	39.14	-203.35	-61.20	-73.36	194.99
43665	91.62	18.52	-8.30	40.75	45.15	-173.28	-56.52	-59.56	181.39
43666	92.93	17.51	-8.30	28.12	49.46	-144.42	-50.37	-47.58	166.89
43667	94.16	16.41	-8.30	17.65	51.99	-116.95	-43.30	-37.47	151.80
43668	95.31	15.22	-8.30	9.35	52.77	-90.97	-35.80	-29.23	136.44
43669	96.37	13.96	-8.30	3.12	51.93	-66.60	-28.30	-22.76	121.08
43670	97.34	12.62	-8.30	-1.20	49.65	-43.96	-21.16	-17.92	105.96
43671	98.20	11.21	-8.30	-3.87	46.16	-23.26	-14.67	-14.56	91.22
43672	98.96	9.75	-8.30	-5.30	41.77	-4.74	-9.06	-12.40	76.82
43673	79.32	23.55	-8.30	197.95	-7.41	-336.57	-13.10	-226.83	98.32
43674	81.05	23.42	-8.30	181.57	-3.77	-304.72	-27.41	-226.15	110.70
43675	82.77	23.17	-8.30	162.82	1.77	-272.53	-39.03	-219.40	122.05
43676	84.46	22.78	-8.30	143.03	8.51	-241.71	-47.64	-208.31	131.86
43677	86.12	22.28	-8.30	122.86	15.69	-212.41	-53.10	-194.49	139.80
43678	87.74	21.65	-8.30	102.86	22.69	-184.27	-55.49	-178.89	145.58
43679	89.31	20.91	-8.30	83.68	28.96	-157.07	-55.10	-162.15	149.05
43680	90.82	20.05	-8.30	65.94	34.05	-130.83	-52.35	-144.78	150.16
43681	92.26	19.09	-8.30	50.11	37.66	-105.63	-47.75	-127.29	148.95
43682	93.63	18.02	-8.30	36.48	39.62	-81.58	-41.84	-110.08	145.52
43683	94.92	16.85	-8.30	25.18	39.90	-58.78	-35.17	-93.53	140.02
43684	96.11	15.59	-8.30	16.19	38.57	-37.34	-28.22	-77.93	132.64
43685	97.21	14.25	-8.30	9.38	35.79	-17.35	-21.44	-63.50	123.58
43686	98.21	12.83	-8.30	4.54	31.79	0.99	-15.19	-50.46	113.04
43687	99.10	11.34	-8.30	1.48	26.90	17.46	-9.81	-38.93	101.27
43688	99.88	9.79	-8.30	-0.47	21.45	31.83	-5.51	-29.73	88.63
43689	60.69	9.62	-2.70	1004.04	-858.41	-711.86	956.65	-518.73	475.89
43690	61.39	10.82	-2.70	806.39	-846.92	-617.03	864.84	-449.09	432.02
43691	62.18	11.98	-2.70	634.18	-887.08	-732.26	814.37	-498.77	503.30
43692	63.05	13.08	-2.70	477.16	-928.11	-821.15	764.00	-533.34	569.02
43693	63.99	14.11	-2.70	336.22	-971.82	-909.00	720.80	-561.81	640.48
43694	65.01	15.08	-2.70	214.60	-1014.41	-985.26	683.60	-578.76	709.76
43695	66.08	15.98	-2.70	111.19	-1057.41	-1051.34	651.48	-583.58	777.27
43696	67.22	16.80	-2.70	25.98	-1099.63	-1104.55	622.29	-573.12	841.04
43697	68.41	17.54	-2.70	-41.07	-1138.56	-1142.71	594.68	-549.02	895.68
43698	69.65	18.19	-2.70	-91.10	-1174.05	-1167.04	567.11	-512.86	940.83
43699	70.93	18.76	-2.70	-125.48	-1205.00	-1178.10	538.18	-466.38	975.14
43700	72.25	19.23	-2.70	-145.95	-1230.37	-1176.73	506.91	-411.72	997.72
43701	73.59	19.62	-2.70	-154.49	-1249.13	-1163.89	472.62	-351.15	1008.09
43702	74.96	19.90	-2.70	-153.26	-1260.33	-1140.64	435.03	-287.00	1006.17
43703	76.35	20.10	-2.70	-144.47	-1263.16	-1108.05	394.18	-221.51	992.25
43704	77.75	20.20	-2.70	-130.27	-1256.94	-1067.12	350.37	-156.76	966.95
43705	59.77	9.66	-2.70	1212.06	-716.35	-420.40	852.69	-302.82	327.17
43706	60.50	10.95	-2.70	1157.98	-473.98	-27.73	718.61	-115.69	92.96
43707	61.31	12.19	-2.70	1000.60	-396.13	-48.28	666.97	-129.42	88.90
43708	62.21	13.37	-2.70	873.35	-366.50	-49.25	607.37	-133.73	103.72
43709	63.19	14.48	-2.70	766.39	-354.30	-55.37	549.75	-139.75	120.56
43710	64.25	15.53	-2.70	674.91	-351.08	-59.60	497.88	-144.94	137.60
43711	65.38	16.49	-2.70	593.42	-352.90	-62.66	451.84	-147.67	153.76
43712	66.57	17.37	-2.70	519.27	-358.14	-64.75	411.24	-147.16	168.91
43713	67.83	18.17	-2.70	451.48	-365.57	-66.07	375.46	-142.93	182.63
43714	69.13	18.87	-2.70	389.92	-374.05	-66.50	344.02	-135.26	194.13
43715	70.49	19.48	-2.70	334.66	-383.00	-66.20	316.42	-124.61	203.18
43716	71.88	19.99	-2.70	285.88	-391.89	-65.24	292.20	-111.56	209.50
43717	73.31	20.41	-2.70	243.68	-400.41	-63.70	270.82	-96.78	212.93
43718	74.76	20.72	-2.70	208.01	-408.30	-61.66	251.74	-80.94	213.38
43719	76.23	20.93	-2.70	178.57	-415.36	-59.17	234.38	-64.72	210.92
43720	77.71	21.03	-2.70	154.88	-421.39	-56.35	218.15	-48.71	205.69
43721	58.85	9.70	-2.70	1301.85	-698.37	-515.90	758.00	-142.36	383.07
43722	59.60	11.08	-2.70	1234.29	-359.63	-27.13	709.17	-16.97	96.47
43723	60.44	12.41	-2.70	1054.72	-193.93	-41.95	638.40	-16.50	60.00
43724	61.37	13.67	-2.70	929.06	-126.17	-37.51	561.54	-16.52	52.36
43725	62.39	14.85	-2.70	842.60	-94.36	-42.15	493.91	-22.17	50.91
43726	63.50	15.97	-2.70	773.32	-78.18	-45.02	434.68	-29.63	50.02
43727	64.68	17.00	-2.70	710.84	-70.78	-47.43	382.07	-37.29	49.77
43728	65.93	17.94	-2.70	650.20	-68.74	-49.02	335.10	-44.04	50.20
43729	67.25	18.79	-2.70	589.68	-70.08	-49.90	293.54	-49.29	51.36
43730	68.62	19.55	-2.70	529.21	-73.48	-50.16	257.42	-52.78	53.07
43731	70.04	20.20	-2.70	469.57	-78.13	-49.87	226.88	-54.50	55.06
43732	71.51	20.76	-2.70	411.90	-83.67	-49.09	201.94	-54.59	57.06
43733	73.02	21.20	-2.70	357.39	-90.05	-47.91	182.39	-53.28	58.85
43734	74.55	21.54	-2.70	307.10	-97.40	-46.37	167.80	-50.85	60.21
43735	76.10	21.76	-2.70	261.78	-105.94	-44.53	157.49	-47.61	60.99
43736	77.67	21.87	-2.70	221.89	-115.84	-42.41	150.61	-43.81	61.09
43737	57.94	9.75	-2.70	1315.53	-809.56	-690.14	694.78	53.60	557.69
43738	58.70	11.21	-2.70	1105.75	-199.80	-6.24	728.46	72.36	132.38
43739	59.56	12.62	-2.70	872.18	-3.29	-36.86	616.73	58.48	81.07
43740	60.53	13.96	-2.70	784.18	67.72	-20.03	534.75	53.95	56.79
43741	61.59	15.22	-2.70	735.97	94.05	-21.61	475.43	43.88	40.79
43742	62.74	16.41	-2.70	704.77	100.20	-21.65	424.63	32.57	27.34
43743	63.97	17.51	-2.70	676.41	95.04	-22.15	377.32	20.64	16.10
43744	65.28	18.52	-2.70	645.04	83.58	-22.23	331.61	8.86	7.25
43745	66.66	19.42	-2.70	608.15	69.15	-22.02	287.51	-2.17	0.84
43746	68.10	20.23	-2.70	565.35	54.07	-21.54	245.92	-12.05	-3.28
43747	69.60	20.93	-2.70	517.46	39.78	-20.86	208.01	-20.54	-5.42
43748	71.15	21.52	-2.70	465.94	26.97	-20.04	174.85	-27.54	-5.93
43749	72.73	21.99	-2.70	412.56	15.70	-19.12	147.20	-33.09	-5.20
43750	74.34	22.35	-2.70	359.11	5.61	-18.13	125.43	-37.31	-3.58
43751	75.98	22.59	-2.70	307.17	-3.92	-17.09	109.49	-40.35	-1.35
43752	77.62	22.71	-2.70	258.05	-13.59	-15.97	98.95	-42.34	1.22
43753	57.02	9.79	-2.70	962.82	-592.18	-1094.92	595.58	601.80	1270.99
43754	57.80	11.34	-2.70	510.10	82.79	-27.14	456.14	210.25	364.36
43755	58.69	12.83	-2.70	446.90	247.40	-33.45	419.22	163.92	217.37
43756	59.69	14.25	-2.70	447.01	295.49	-8.39	415.01	130.34	146.10
43757	60.79	15.59	-2.70	470.60	298.08	-6.25	408.84	108.07	99.21
43758	61.98	16.85	-2.70	497.82	276.53	-3.65	395.81	88.19	64.20

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
43759	63.27	18.02	-2.70	520.84	241.61	-2.45	373.25	68.93	36.70
43760	64.64	19.09	-2.70	534.64	200.35	-1.32	341.46	49.94	15.23
43761	66.08	20.05	-2.70	536.61	158.00	-0.27	302.26	31.59	-0.91
43762	67.59	20.91	-2.70	525.84	118.40	0.72	258.37	14.39	-12.34
43763	69.16	21.65	-2.70	502.78	84.04	1.61	212.83	-1.27	-19.68
43764	70.78	22.28	-2.70	468.87	56.18	2.37	168.58	-15.10	-23.59
43765	72.44	22.78	-2.70	426.19	34.99	2.99	128.08	-26.99	-24.73
43766	74.13	23.17	-2.70	377.15	19.87	3.47	93.19	-36.95	-23.68
43767	75.85	23.42	-2.70	324.21	9.66	3.83	65.10	-45.07	-20.97
43768	77.58	23.55	-2.70	269.67	2.92	4.09	44.35	-51.42	-17.03
43769	60.69	9.62	-4.10	452.03	-250.05	-699.34	348.15	-499.84	269.03
43770	61.39	10.82	-4.10	419.41	-293.91	-753.96	393.76	-531.89	336.76
43771	62.18	11.98	-4.10	377.89	-285.79	-826.66	396.83	-553.66	377.02
43772	63.05	13.08	-4.10	337.40	-291.34	-922.71	389.77	-575.00	440.39
43773	63.99	14.11	-4.10	298.65	-301.58	-1005.71	374.56	-587.46	505.14
43774	65.01	15.08	-4.10	261.60	-314.73	-1076.41	355.75	-591.33	567.12
43775	66.08	15.98	-4.10	227.23	-328.96	-1133.94	335.26	-584.85	625.68
43776	67.22	16.80	-4.10	195.58	-343.59	-1177.95	314.01	-566.50	679.03
43777	68.41	17.54	-4.10	166.61	-357.90	-1207.94	292.61	-537.40	724.95
43778	69.65	18.19	-4.10	140.61	-371.08	-1224.65	271.52	-498.87	762.63
43779	70.93	18.76	-4.10	117.73	-382.80	-1229.01	250.94	-452.37	791.35
43780	72.25	19.23	-4.10	98.03	-392.80	-1221.92	230.95	-399.65	810.58
43781	73.59	19.62	-4.10	81.49	-400.94	-1204.34	211.56	-342.59	820.05
43782	74.96	19.90	-4.10	67.95	-407.13	-1177.29	192.70	-283.08	819.79
43783	76.35	20.10	-4.10	57.15	-411.30	-1141.78	174.27	-222.93	810.08
43784	77.75	20.20	-4.10	48.75	-413.41	-1098.92	156.16	-163.81	791.51
43785	59.77	9.66	-4.10	495.68	-247.01	-512.71	377.09	-303.48	285.49
43786	60.50	10.95	-4.10	451.23	-314.63	-393.68	450.57	-313.91	319.49
43787	61.31	12.19	-4.10	410.72	-272.26	-355.60	463.98	-327.63	294.41
43788	62.21	13.37	-4.10	369.71	-260.04	-391.04	469.58	-353.06	320.92
43789	63.19	14.48	-4.10	336.37	-269.14	-426.27	463.95	-374.03	358.42
43790	64.25	15.53	-4.10	308.68	-290.55	-458.01	450.79	-389.30	398.51
43791	65.38	16.49	-4.10	285.23	-318.81	-483.70	432.00	-396.77	438.02
43792	66.57	17.37	-4.10	265.01	-350.40	-503.10	408.46	-394.94	475.47
43793	67.83	18.17	-4.10	246.96	-382.27	-516.08	380.75	-383.45	509.21
43794	69.13	18.87	-4.10	230.19	-412.12	-522.91	349.69	-363.05	537.89
43795	70.49	19.48	-4.10	214.11	-438.25	-524.07	316.21	-334.96	560.58
43796	71.88	19.99	-4.10	198.30	-459.51	-520.08	281.25	-300.66	576.56
43797	73.31	20.41	-4.10	182.49	-475.20	-511.44	245.74	-261.80	585.34
43798	74.76	20.72	-4.10	166.53	-484.97	-498.64	210.57	-220.09	586.71
43799	76.23	20.93	-4.10	150.35	-488.84	-482.16	176.54	-177.15	580.74
43800	77.71	21.03	-4.10	133.97	-486.98	-462.47	144.26	-134.44	567.67
43801	58.85	9.70	-4.10	529.65	-225.43	-545.66	319.30	-47.67	355.36
43802	59.60	11.08	-4.10	494.32	-248.73	-527.15	399.30	-51.02	328.06
43803	60.44	12.41	-4.10	462.60	-150.46	-166.02	415.63	-59.28	230.51
43804	61.37	13.67	-4.10	433.55	-99.73	-164.10	420.38	-80.75	204.11
43805	62.39	14.85	-4.10	416.10	-84.95	-171.35	415.86	-104.02	196.50
43806	63.50	15.97	-4.10	403.79	-91.54	-180.90	403.44	-126.98	195.95
43807	64.68	17.00	-4.10	393.30	-110.11	-188.23	384.36	-146.94	198.85
43808	65.93	17.94	-4.10	382.35	-135.07	-193.00	359.70	-162.30	204.24
43809	67.25	18.79	-4.10	369.61	-162.43	-195.26	330.49	-172.15	211.33
43810	68.62	19.55	-4.10	354.28	-189.22	-195.24	297.96	-176.28	219.20
43811	70.04	20.20	-4.10	336.02	-213.34	-193.24	263.48	-175.00	226.93
43812	71.51	20.76	-4.10	314.90	-233.46	-189.54	228.40	-168.93	233.73
43813	73.02	21.20	-4.10	291.24	-248.88	-184.42	194.01	-158.91	238.89
43814	74.55	21.54	-4.10	265.55	-259.37	-178.09	161.39	-145.86	241.90
43815	76.10	21.76	-4.10	238.43	-265.12	-170.70	131.41	-130.77	242.37
43816	77.67	21.87	-4.10	210.50	-266.56	-162.34	104.68	-114.48	240.10
43817	57.94	9.75	-4.10	488.01	-194.82	-784.55	238.78	285.83	625.25
43818	58.70	11.21	-4.10	403.72	-177.78	-325.83	314.04	201.12	519.11
43819	59.56	12.62	-4.10	385.02	-30.36	-143.06	334.26	149.05	316.49
43820	60.53	13.96	-4.10	383.42	45.47	-119.80	349.51	114.37	233.38
43821	61.59	15.22	-4.10	391.81	73.83	-114.03	354.80	79.26	180.18
43822	62.74	16.41	-4.10	403.01	73.78	-116.27	350.42	44.85	142.08
43823	63.97	17.51	-4.10	412.45	57.57	-118.46	336.73	12.05	113.41
43824	65.28	18.52	-4.10	417.37	32.73	-119.45	315.01	-18.12	92.52
43825	66.66	19.42	-4.10	416.23	4.41	-118.93	286.95	-44.70	78.37
43826	68.10	20.23	-4.10	408.32	-23.76	-117.09	254.44	-67.05	69.92
43827	69.60	20.93	-4.10	393.59	-49.31	-114.18	219.52	-84.87	66.03
43828	71.15	21.52	-4.10	372.53	-70.77	-110.44	184.12	-98.20	65.59
43829	72.73	21.99	-4.10	346.04	-87.45	-106.10	150.01	-107.34	67.53
43830	74.34	22.35	-4.10	315.25	-99.31	-101.29	118.61	-112.80	70.94
43831	75.98	22.59	-4.10	281.42	-106.77	-96.08	90.98	-115.15	75.02
43832	77.62	22.71	-4.10	245.77	-110.55	-90.41	67.81	-114.91	79.15
43833	57.02	9.79	-4.10	344.58	15.69	-1237.16	172.36	932.54	1498.82
43834	57.80	11.34	-4.10	125.34	-82.13	-471.62	110.01	488.85	1035.43
43835	58.69	12.83	-4.10	184.77	99.84	-127.76	177.08	377.18	601.76
43836	59.69	14.25	-4.10	222.49	192.54	-77.14	237.83	296.65	405.09
43837	60.79	15.59	-4.10	271.06	225.12	-52.92	276.56	238.21	280.91
43838	61.98	16.85	-4.10	316.52	221.65	-44.92	296.11	186.93	192.51
43839	63.27	18.02	-4.10	356.36	197.62	-40.04	298.69	138.49	125.60
43840	64.64	19.09	-4.10	387.51	162.84	-36.01	287.00	92.17	74.81
43841	66.08	20.05	-4.10	408.17	124.20	-31.94	263.95	48.59	37.41
43842	67.59	20.91	-4.10	417.38	86.44	-27.82	232.68	8.70	11.44
43843	69.16	21.65	-4.10	415.05	52.72	-23.77	196.35	-26.72	-4.94
43844	70.78	22.28	-4.10	401.83	24.86	-19.96	157.97	-57.20	-13.44
43845	72.44	22.78	-4.10	378.99	3.59	-16.49	120.20	-82.64	-15.73
43846	74.13	23.17	-4.10	348.22	-11.18	-13.43	85.27	-103.19	-13.27
43847	75.85	23.42	-4.10	311.41	-20.16	-10.72	54.81	-119.18	-7.35
43848	77.58	23.55	-4.10	270.50	-24.49	-8.20	29.95	-130.96	0.96
43849	60.69	9.62	-5.50	18.87	-70.70	-731.22	136.45	-438.82	234.12
43850	61.39	10.82	-5.50	67.39	-69.66	-789.63	160.27	-462.34	272.53
43851	62.18	11.98	-5.50	104.75	-73.18	-859.06	183.85	-488.55	309.17
43852	63.05	13.08	-5.50	129.56	-71.10	-934.24	199.38	-510.44	349.39
43853	63.99	14.11	-5.50	144.11	-74.92	-1005.58	206.36	-525.08	396.46
43854	65.01	15.08	-5.50	151.19	-82.81	-1064.99	206.07	-531.53	443.63
43855	66.08	15.98	-5.50	152.91	-93.38	-1111.79	200.51	-528.42	489.90
43856	67.22	16.80	-5.50	151.30	-105.88	-1145.70	191.22	-515.08	532.83
43857	68.41	17.54	-5.50	147.28	-118.84	-1166.91	179.10	-492.22	570.89

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
43858	69.65	18.19	-5.50	141.51	-131.38	-1176.24	165.16	-460.80	603.13
43859	70.93	18.76	-5.50	134.51	-142.83	-1174.64	150.13	-422.07	628.65
43860	72.25	19.23	-5.50	126.70	-152.77	-1163.12	134.60	-377.55	646.84
43861	73.59	19.62	-5.50	118.36	-160.92	-1142.65	119.02	-328.86	657.32
43862	74.96	19.90	-5.50	109.71	-167.18	-1114.16	103.75	-277.67	659.98
43863	76.35	20.10	-5.50	100.88	-171.50	-1078.58	89.07	-225.56	654.91
43864	77.75	20.20	-5.50	91.99	-173.95	-1036.86	75.15	-173.93	642.51
43865	59.77	9.66	-5.50	-28.09	-74.94	-604.98	126.65	-256.38	288.14
43866	60.50	10.95	-5.50	37.87	-80.37	-572.85	167.26	-279.48	324.81
43867	61.31	12.19	-5.50	89.31	-85.28	-567.54	210.55	-311.64	333.97
43868	62.21	13.37	-5.50	125.24	-75.82	-596.58	243.29	-345.70	345.31
43869	63.19	14.48	-5.50	149.32	-77.06	-638.11	263.66	-375.87	370.27
43870	64.25	15.53	-5.50	166.02	-88.61	-675.16	271.72	-398.38	400.61
43871	65.38	16.49	-5.50	177.85	-107.19	-704.46	269.88	-411.59	432.85
43872	66.57	17.37	-5.50	186.15	-129.71	-725.14	260.27	-414.50	464.96
43873	67.83	18.17	-5.50	191.36	-153.54	-737.35	244.50	-407.03	495.14
43874	69.13	18.87	-5.50	193.53	-176.44	-741.62	224.03	-389.95	521.86
43875	70.49	19.48	-5.50	192.66	-196.88	-738.67	200.25	-364.45	543.91
43876	71.88	19.99	-5.50	188.81	-213.80	-729.29	174.41	-332.03	560.31
43877	73.31	20.41	-5.50	182.14	-226.60	-714.20	147.66	-294.38	570.41
43878	74.76	20.72	-5.50	172.85	-235.03	-694.09	121.04	-253.24	573.78
43879	76.23	20.93	-5.50	161.24	-239.09	-669.56	95.42	-210.30	570.30
43880	77.71	21.03	-5.50	147.68	-239.00	-641.16	71.49	-167.05	560.01
43881	58.85	9.70	-5.50	-68.69	-71.37	-651.94	75.71	-2.73	405.82
43882	59.60	11.08	-5.50	15.10	-78.56	-492.59	127.87	-23.65	419.00
43883	60.44	12.41	-5.50	86.68	-68.02	-398.28	188.69	-58.22	370.92
43884	61.37	13.67	-5.50	134.68	-37.22	-379.99	237.86	-101.09	329.09
43885	62.39	14.85	-5.50	167.40	-25.35	-392.94	269.58	-143.88	310.00
43886	63.50	15.97	-5.50	192.89	-31.82	-409.34	285.06	-182.03	302.76
43887	64.68	17.00	-5.50	213.46	-50.84	-422.81	287.32	-213.25	303.16
43888	65.93	17.94	-5.50	229.79	-76.88	-431.33	279.01	-236.24	308.74
43889	67.25	18.79	-5.50	241.79	-105.65	-434.82	262.27	-250.46	317.70
43890	68.62	19.55	-5.50	249.12	-133.91	-433.68	239.02	-256.02	328.34
43891	70.04	20.20	-5.50	251.49	-159.32	-428.49	211.11	-253.57	339.16
43892	71.51	20.76	-5.50	248.85	-180.36	-419.81	180.31	-244.09	348.82
43893	73.02	21.20	-5.50	241.38	-196.17	-408.19	148.30	-228.82	356.27
43894	74.55	21.54	-5.50	229.48	-206.39	-394.09	116.58	-209.14	360.69
43895	76.10	21.76	-5.50	213.68	-211.12	-377.80	86.43	-186.48	361.49
43896	77.67	21.87	-5.50	194.59	-210.76	-359.49	58.88	-162.09	358.29
43897	57.94	9.75	-5.50	-101.13	-54.45	-901.16	-0.27	346.53	695.12
43898	58.70	11.21	-5.50	-6.47	-63.27	-564.58	47.52	280.05	667.27
43899	59.56	12.62	-5.50	81.75	-24.32	-355.00	127.06	210.72	514.78
43900	60.53	13.96	-5.50	138.00	37.37	-287.11	190.01	149.12	391.91
43901	61.59	15.22	-5.50	180.67	67.84	-275.29	231.06	89.62	311.53
43902	62.74	16.41	-5.50	216.88	71.57	-276.20	253.32	34.75	254.25
43903	63.97	17.51	-5.50	247.59	57.48	-278.96	260.19	-14.78	213.42
43904	65.28	18.52	-5.50	272.40	33.36	-279.54	254.63	-58.18	185.25
43905	66.66	19.42	-5.50	290.72	4.84	-277.26	239.23	-94.72	167.30
43906	68.10	20.23	-5.50	302.04	-24.01	-272.31	216.38	-123.95	157.43
43907	69.60	20.93	-5.50	306.10	-50.42	-265.13	188.39	-145.84	153.67
43908	71.15	21.52	-5.50	303.02	-72.61	-256.21	157.40	-160.71	154.22
43909	72.73	21.99	-5.50	293.26	-89.61	-246.00	125.43	-169.20	157.48
43910	74.34	22.35	-5.50	277.58	-101.14	-234.84	94.23	-172.22	162.10
43911	75.98	22.59	-5.50	256.91	-107.37	-222.83	65.25	-170.82	166.95
43912	77.62	22.71	-5.50	232.21	-108.89	-209.85	39.61	-165.95	171.14
43913	57.02	9.79	-5.50	-127.42	-82.78	-1309.82	-77.01	966.43	1513.24
43914	57.80	11.34	-5.50	-4.81	-38.11	-754.50	-1.71	579.89	1186.25
43915	58.69	12.83	-5.50	44.74	28.94	-373.91	65.21	490.11	842.54
43916	59.69	14.25	-5.50	102.72	116.45	-228.80	132.55	386.28	583.57
43917	60.79	15.59	-5.50	155.28	160.46	-183.73	183.99	303.44	414.70
43918	61.98	16.85	-5.50	205.68	170.44	-165.77	216.30	229.28	293.09
43919	63.27	18.02	-5.50	250.57	157.94	-156.71	231.03	160.49	202.52
43920	64.64	19.09	-5.50	288.09	132.74	-149.05	230.75	96.31	135.18
43921	66.08	20.05	-5.50	316.82	101.84	-140.93	218.41	37.46	86.66
43922	67.59	20.91	-5.50	335.92	70.14	-132.11	196.94	-15.11	53.72
43923	69.16	21.65	-5.50	345.07	40.93	-122.84	169.19	-60.64	33.54
43924	70.78	22.28	-5.50	344.49	16.23	-113.48	137.83	-98.78	23.53
43925	72.44	22.78	-5.50	334.90	-2.95	-104.34	105.33	-129.56	21.37
43926	74.13	23.17	-5.50	317.43	-16.33	-95.63	73.78	-153.42	24.98
43927	75.85	23.42	-5.50	293.42	-24.25	-87.29	44.89	-171.07	32.60
43928	77.58	23.55	-5.50	264.26	-27.47	-78.96	19.93	-183.16	42.79
43929	60.69	9.62	-6.90	-348.83	81.60	-783.17	-32.57	-350.68	225.98
43930	61.39	10.82	-6.90	-237.35	73.93	-837.59	-10.41	-378.68	253.90
43931	62.18	11.98	-6.90	-144.52	69.18	-896.17	18.96	-410.24	278.11
43932	63.05	13.08	-6.90	-72.85	66.66	-956.18	46.86	-439.50	304.73
43933	63.99	14.11	-6.90	-19.89	63.88	-1011.37	67.73	-461.50	335.85
43934	65.01	15.08	-6.90	18.81	58.48	-1057.22	80.82	-474.72	369.59
43935	66.08	15.98	-6.90	46.92	50.91	-1091.75	87.22	-477.82	404.90
43936	67.22	16.80	-6.90	67.95	41.05	-1114.79	88.37	-470.74	439.07
43937	68.41	17.54	-6.90	83.47	30.55	-1126.61	85.17	-454.34	470.63
43938	69.65	18.19	-6.90	94.53	20.12	-1128.10	78.88	-429.54	498.45
43939	70.93	18.76	-6.90	101.91	10.38	-1120.21	70.42	-397.55	521.43
43940	72.25	19.23	-6.90	106.19	1.79	-1103.93	60.55	-359.77	538.75
43941	73.59	19.62	-6.90	107.81	-5.40	-1080.19	49.93	-317.73	549.90
43942	74.96	19.90	-6.90	107.14	-11.05	-1049.87	39.08	-272.96	554.59
43943	76.35	20.10	-6.90	104.45	-15.10	-1013.78	28.48	-226.93	552.76
43944	77.75	20.20	-6.90	100.01	-17.62	-972.69	18.47	-180.91	544.59
43945	59.77	9.66	-6.90	-453.65	59.88	-699.21	-63.69	-177.48	309.55
43946	60.50	10.95	-6.90	-294.42	46.33	-697.42	-31.08	-202.21	334.48
43947	61.31	12.19	-6.90	-168.00	38.45	-709.80	20.02	-242.52	341.48
43948	62.21	13.37	-6.90	-78.22	38.02	-738.41	68.50	-287.10	344.85
43949	63.19	14.48	-6.90	-15.16	37.81	-773.59	104.93	-327.37	354.00
43950	64.25	15.53	-6.90	30.65	31.23	-805.73	127.83	-358.79	370.36
43951	65.38	16.49	-6.90	65.53	18.88	-829.96	139.30	-379.64	391.37
43952	66.57	17.37	-6.90	92.87	2.68	-845.27	141.71	-389.40	414.90
43953	67.83	18.17	-6.90	114.36	-15.24	-851.82	136.92	-388.36	438.84
43954	69.13	18.87	-6.90	130.72	-32.94	-850.27	126.59	-377.38	461.43
43955	70.49	19.48	-6.90	142.34	-49.07	-841.47	112.22	-357.68	481.18
43956	71.88	19.99	-6.90	149.52	-62.69	-826.29	95.10	-330.70	496.87

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
43957	73.31	20.41	-6.90	152.55	-73.25	-805.56	76.39	-298.06	507.62
43958	74.76	20.72	-6.90	151.74	-80.49	-780.01	57.17	-261.46	512.84
43959	76.23	20.93	-6.90	147.45	-84.35	-750.27	38.37	-222.56	512.17
43960	77.71	21.03	-6.90	140.06	-84.95	-716.80	20.70	-182.82	505.44
43961	58.85	9.70	-6.90	-552.92	37.33	-759.99	-125.64	40.03	451.18
43962	59.60	11.08	-6.90	-327.88	16.92	-655.72	-83.96	32.92	465.54
43963	60.44	12.41	-6.90	-160.79	12.51	-593.80	-2.85	-10.86	434.23
43964	61.37	13.67	-6.90	-57.60	28.04	-577.90	70.04	-69.05	391.15
43965	62.39	14.85	-6.90	8.56	39.57	-587.51	120.42	-126.64	358.09
43966	63.50	15.97	-6.90	57.39	38.21	-602.78	151.38	-176.98	338.76
43967	64.68	17.00	-6.90	95.91	26.17	-614.71	167.06	-217.68	330.37
43968	65.93	17.94	-6.90	127.21	7.42	-620.78	170.87	-247.93	330.19
43969	67.25	18.79	-6.90	152.49	-14.43	-620.66	165.38	-267.63	335.70
43970	68.62	19.55	-6.90	172.05	-36.54	-614.83	152.71	-277.22	344.60
43971	70.04	20.20	-6.90	185.96	-56.82	-604.02	134.70	-277.54	354.90
43972	71.51	20.76	-6.90	194.25	-73.89	-588.98	113.07	-269.72	364.93
43973	73.02	21.20	-6.90	197.14	-86.95	-570.44	89.38	-255.14	373.32
43974	74.55	21.54	-6.90	194.98	-95.61	-549.00	65.07	-235.34	379.06
43975	76.10	21.76	-6.90	188.23	-99.83	-525.07	41.44	-211.94	381.34
43976	77.67	21.87	-6.90	177.32	-99.82	-498.72	19.54	-186.42	379.54
43977	57.94	9.75	-6.90	-619.99	3.64	-1027.34	-212.93	327.80	732.73
43978	58.70	11.21	-6.90	-298.46	-36.34	-751.24	-152.10	315.00	723.33
43979	59.56	12.62	-6.90	-104.30	-3.01	-568.07	-24.07	253.53	613.37
43980	60.53	13.96	-6.90	-15.86	40.39	-492.91	60.73	177.64	493.85
43981	61.59	15.22	-6.90	45.94	69.72	-471.90	117.10	101.44	396.94
43982	62.74	16.41	-6.90	94.07	77.48	-469.57	151.93	32.04	325.82
43983	63.97	17.51	-6.90	134.37	69.40	-469.79	170.01	-29.25	275.33
43984	65.28	18.52	-6.90	168.08	51.62	-467.45	174.95	-81.61	241.31
43985	66.66	19.42	-6.90	195.50	29.15	-461.21	169.57	-124.61	220.27
43986	68.10	20.23	-6.90	216.50	5.66	-451.23	156.21	-158.13	209.19
43987	69.60	20.93	-6.90	230.89	-16.27	-438.09	136.99	-182.40	205.42
43988	71.15	21.52	-6.90	238.61	-34.98	-422.45	113.84	-197.99	206.63
43989	72.73	21.99	-6.90	239.89	-49.48	-404.97	88.56	-205.79	210.86
43990	74.34	22.35	-6.90	235.26	-59.33	-386.21	62.80	-206.98	216.48
43991	75.98	22.59	-6.90	225.33	-64.53	-366.38	38.03	-203.01	222.12
43992	77.62	22.71	-6.90	210.68	-65.38	-345.12	15.44	-195.21	226.64
43993	57.02	9.79	-6.90	-619.96	-268.69	-1455.89	-368.71	919.40	1523.49
43994	57.80	11.34	-6.90	-83.21	-66.20	-946.97	-86.32	587.53	1203.07
43995	58.69	12.83	-6.90	-29.55	14.01	-616.42	4.16	530.02	928.72
43996	59.69	14.25	-6.90	31.15	74.67	-446.65	63.76	430.36	685.68
43997	60.79	15.59	-6.90	79.76	115.26	-382.06	112.65	336.91	497.62
43998	61.98	16.85	-6.90	126.67	129.67	-357.40	146.66	249.47	357.26
43999	63.27	18.02	-6.90	169.25	124.75	-344.29	165.73	167.92	252.18
44000	64.64	19.09	-6.90	206.20	107.96	-332.94	171.60	92.82	174.94
44001	66.08	20.05	-6.90	236.49	85.27	-320.29	166.67	25.10	120.17
44002	67.59	20.91	-6.90	259.42	60.92	-305.90	153.30	-34.34	83.65
44003	69.16	21.65	-6.90	274.60	37.80	-290.13	133.75	-84.92	61.80
44004	70.78	22.28	-6.90	281.94	17.80	-273.51	110.14	-126.43	51.41
44005	72.44	22.78	-6.90	281.75	1.96	-256.65	84.44	-159.07	49.70
44006	74.13	23.17	-6.90	274.73	-9.27	-240.02	58.42	-183.53	54.22
44007	75.85	23.42	-6.90	261.72	-15.91	-223.62	33.60	-200.90	62.90
44008	77.58	23.55	-6.90	243.49	-18.39	-206.79	11.20	-212.24	74.06
44009	60.69	9.62	-8.30	-663.57	205.49	-845.81	-168.78	-246.22	224.55
44010	61.39	10.82	-8.30	-503.39	188.49	-897.14	-148.92	-285.58	244.02
44011	62.18	11.98	-8.30	-370.43	174.99	-946.06	-116.01	-327.29	258.59
44012	63.05	13.08	-8.30	-265.97	166.76	-991.37	-81.04	-365.53	273.54
44013	63.99	14.11	-8.30	-186.04	160.59	-1030.66	-51.27	-395.53	292.59
44014	65.01	15.08	-8.30	-124.55	154.52	-1061.50	-28.48	-415.77	315.10
44015	66.08	15.98	-8.30	-76.69	147.68	-1082.74	-12.33	-425.11	341.02
44016	67.22	16.80	-8.30	-37.82	139.06	-1094.20	-1.83	-423.95	367.65
44017	68.41	17.54	-8.30	-5.99	130.12	-1096.20	3.53	-413.40	393.53
44018	69.65	18.19	-8.30	20.01	121.29	-1089.58	4.97	-394.48	417.34
44019	70.93	18.76	-8.30	41.06	113.01	-1075.21	3.35	-368.40	437.83
44020	72.25	19.23	-8.30	57.73	105.65	-1054.00	-0.54	-336.55	454.03
44021	73.59	19.62	-8.30	70.44	99.47	-1026.77	-6.03	-300.36	465.29
44022	74.96	19.90	-8.30	79.55	94.60	-994.30	-12.49	-261.29	471.20
44023	76.35	20.10	-8.30	85.34	91.14	-957.28	-19.34	-220.70	471.58
44024	77.75	20.20	-8.30	88.04	89.08	-916.32	-26.07	-179.79	466.48
44025	59.77	9.66	-8.30	-803.77	169.51	-783.63	-217.12	-70.97	324.50
44026	60.50	10.95	-8.30	-565.79	142.96	-805.74	-187.00	-111.02	341.10
44027	61.31	12.19	-8.30	-383.94	125.76	-828.53	-129.96	-164.97	339.94
44028	62.21	13.37	-8.30	-256.69	119.34	-854.67	-72.78	-220.71	333.08
44029	63.19	14.48	-8.30	-167.69	116.31	-881.00	-26.96	-270.13	330.11
44030	64.25	15.53	-8.30	-102.34	111.07	-902.95	5.60	-309.11	334.50
44031	65.38	16.49	-8.30	-51.38	102.35	-917.53	26.94	-336.35	345.55
44032	66.57	17.37	-8.30	-9.98	90.78	-923.84	39.26	-351.82	361.29
44033	67.83	18.17	-8.30	24.34	77.70	-922.10	44.23	-356.22	379.41
44034	69.13	18.87	-8.30	52.71	64.59	-912.99	43.35	-350.59	397.94
44035	70.49	19.48	-8.30	75.70	52.45	-897.34	37.98	-336.19	415.17
44036	71.88	19.99	-8.30	93.66	42.01	-876.01	29.24	-314.46	429.72
44037	73.31	20.41	-8.30	106.86	33.73	-849.82	18.20	-286.92	440.54
44038	74.76	20.72	-8.30	115.59	27.85	-819.49	5.85	-255.20	446.93
44039	76.23	20.93	-8.30	120.14	24.49	-785.59	-6.85	-220.91	448.39
44040	77.71	21.03	-8.30	120.78	23.72	-748.50	-19.15	-185.45	444.56
44041	58.85	9.70	-8.30	-968.61	121.77	-830.25	-298.76	121.35	477.02
44042	59.60	11.08	-8.30	-596.67	79.51	-787.07	-250.21	106.02	489.14
44043	60.44	12.41	-8.30	-350.53	65.81	-757.92	-150.84	46.97	457.96
44044	61.37	13.67	-8.30	-209.67	75.83	-749.58	-63.82	-24.26	410.03
44045	62.39	14.85	-8.30	-123.95	83.95	-755.43	-4.33	-92.21	367.19
44046	63.50	15.97	-8.30	-61.76	84.30	-764.04	35.02	-150.75	337.48
44047	64.68	17.00	-8.30	-12.86	77.00	-769.19	59.47	-197.87	320.84
44048	65.93	17.94	-8.30	27.63	64.45	-768.42	72.56	-233.21	314.68
44049	67.25	18.79	-8.30	61.75	49.14	-761.41	76.74	-257.11	316.11
44050	68.62	19.55	-8.30	90.27	33.22	-748.64	73.87	-270.29	322.43
44051	70.04	20.20	-8.30	113.38	18.30	-730.85	65.51	-273.74	331.32
44052	71.51	20.76	-8.30	131.11	5.50	-708.85	53.08	-268.68	340.87
44053	73.02	21.20	-8.30	143.58	-4.52	-683.41	37.86	-256.46	349.57
44054	74.55	21.54	-8.30	151.04	-11.37	-655.28	21.11	-238.65	356.31
44055	76.10	21.76	-8.30	153.80	-14.91	-624.89	4.08	-216.96	360.17

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
44056	77.67	21.87	-8.30	152.00	-15.05	-592.17	-12.10	-193.06	360.27
44057	57.94	9.75	-8.30	-1147.43	39.89	-1102.11	-434.86	319.64	735.88
44058	58.70	11.21	-8.30	-527.88	-40.51	-889.82	-321.84	351.65	737.83
44059	59.56	12.62	-8.30	-230.38	6.40	-755.60	-138.17	286.79	646.71
44060	60.53	13.96	-8.30	-125.56	46.98	-694.33	-40.51	202.62	532.44
44061	61.59	15.22	-8.30	-55.81	71.10	-670.71	20.01	118.31	429.26
44062	62.74	16.41	-8.30	-4.09	79.52	-662.86	59.06	41.23	349.38
44063	63.97	17.51	-8.30	38.83	75.89	-657.41	82.66	-26.34	292.07
44064	65.28	18.52	-8.30	75.54	64.56	-649.10	94.59	-83.49	253.53
44065	66.66	19.42	-8.30	107.05	49.16	-636.51	97.33	-129.96	229.84
44066	68.10	20.23	-8.30	133.50	32.44	-619.73	92.78	-165.89	217.42
44067	69.60	20.93	-8.30	154.70	16.43	-599.35	82.55	-191.74	213.17
44068	71.15	21.52	-8.30	170.46	2.47	-576.11	68.09	-208.21	214.49
44069	72.73	21.99	-8.30	180.73	-8.58	-550.83	50.76	-216.24	219.22
44070	74.34	22.35	-8.30	185.80	-16.26	-524.33	31.91	-217.09	225.65
44071	75.98	22.59	-8.30	186.08	-20.34	-497.00	12.93	-212.53	232.34
44072	77.62	22.71	-8.30	181.62	-20.82	-468.13	-4.95	-204.39	237.84
44073	57.02	9.79	-8.30	-1178.09	-470.25	-1678.34	-694.29	829.86	1490.48
44074	57.80	11.34	-8.30	-137.29	-113.26	-1106.22	-154.74	575.97	1164.98
44075	58.69	12.83	-8.30	-77.27	-3.22	-828.14	-37.84	531.92	931.22
44076	59.69	14.25	-8.30	-17.85	48.97	-680.14	14.54	442.33	715.50
44077	60.79	15.59	-8.30	22.12	79.06	-615.72	55.59	349.99	529.41
44078	61.98	16.85	-8.30	60.84	91.83	-587.62	84.87	257.80	382.03
44079	63.27	18.02	-8.30	96.28	90.72	-570.82	103.25	170.67	270.36
44080	64.64	19.09	-8.30	128.29	80.75	-555.03	111.85	90.74	188.51
44081	66.08	20.05	-8.30	156.24	65.95	-537.01	112.25	19.35	131.03
44082	67.59	20.91	-8.30	179.62	49.36	-516.21	105.94	-42.66	93.19
44083	69.16	21.65	-8.30	197.92	33.09	-493.04	94.36	-94.85	70.91
44084	70.78	22.28	-8.30	210.77	18.61	-468.18	78.86	-137.15	60.65
44085	72.44	22.78	-8.30	218.09	6.82	-442.50	60.77	-169.82	59.41
44086	74.13	23.17	-8.30	220.18	-1.75	-416.91	41.38	-193.65	64.60
44087	75.85	23.42	-8.30	217.52	-6.86	-391.71	21.92	-210.18	73.99
44088	77.58	23.55	-8.30	210.19	-8.61	-365.62	3.50	-221.13	85.71
44089	79.06	-2.50	-2.70	238.70	-9.56	-1036.45	-15.58	-175.10	-97.49
44090	79.06	-3.10	-2.70	235.44	-13.52	-1027.31	-19.36	-175.14	-107.70
44091	80.29	-2.50	-2.70	209.00	-9.86	-971.30	-11.43	-121.28	-96.17
44092	80.28	-3.10	-2.70	206.29	-13.68	-962.71	-14.32	-122.33	-106.26
44093	81.52	-2.50	-2.70	180.36	-11.23	-899.91	-7.85	-73.45	-93.91
44094	81.51	-3.10	-2.70	178.21	-14.89	-892.01	-9.97	-75.35	-103.80
44095	82.75	-2.50	-2.70	153.17	-13.68	-824.00	-4.90	-32.22	-90.81
44096	82.73	-3.10	-2.70	151.56	-17.16	-816.89	-6.35	-34.83	-100.46
44097	83.97	-2.50	-2.70	127.82	-17.19	-745.13	-2.58	2.06	-87.00
44098	83.95	-3.10	-2.70	126.72	-20.48	-738.88	-3.46	-1.10	-96.37
44099	85.20	-2.50	-2.70	104.69	-21.73	-664.78	-0.90	29.27	-82.63
44100	85.17	-3.10	-2.70	104.07	-24.83	-659.40	-1.30	25.71	-91.68
44101	86.43	-2.50	-2.70	84.12	-27.29	-584.20	0.16	49.52	-77.84
44102	86.39	-3.10	-2.70	83.92	-30.17	-579.69	0.16	45.71	-86.56
44103	87.66	-2.50	-2.70	66.41	-33.82	-504.48	0.66	63.08	-72.79
44104	87.62	-3.10	-2.70	66.59	-36.48	-500.79	0.98	59.14	-81.16
44105	88.88	-2.50	-2.70	51.81	-41.31	-426.50	0.64	70.37	-67.60
44106	88.84	-3.10	-2.70	52.32	-43.73	-423.58	1.21	66.42	-75.64
44107	90.11	-2.50	-2.70	40.56	-49.72	-350.95	0.17	71.89	-62.40
44108	90.06	-3.10	-2.70	41.36	-51.92	-348.72	0.94	68.02	-70.14
44109	91.34	-2.50	-2.70	32.93	-59.06	-278.31	-0.67	68.21	-57.31
44110	91.28	-3.10	-2.70	33.98	-61.04	-276.67	0.26	64.49	-64.78
44111	92.57	-2.50	-2.70	29.25	-69.36	-208.83	-1.77	59.92	-52.40
44112	92.50	-3.10	-2.70	30.53	-71.15	-207.68	-0.73	56.40	-59.66
44113	93.79	-2.50	-2.70	30.14	-80.72	-142.42	-3.03	47.60	-47.73
44114	93.73	-3.10	-2.70	31.65	-82.35	-141.65	-1.86	44.31	-54.86
44115	95.02	-2.50	-2.70	36.75	-93.38	-78.55	-4.26	31.78	-43.26
44116	94.95	-3.10	-2.70	38.52	-94.92	-78.02	-2.91	28.74	-50.38
44117	96.25	-2.50	-2.70	51.52	-107.73	-13.19	-4.97	13.43	-38.81
44118	96.17	-3.10	-2.70	53.68	-109.31	-12.78	-3.23	10.61	-46.12
44119	97.48	-2.50	-2.70	81.68	-127.52	51.78	-3.94	-13.30	-29.59
44120	97.39	-3.10	-2.70	84.71	-129.65	52.02	-0.78	-15.72	-36.16
44121	79.06	-2.50	-4.10	165.16	58.33	-952.36	-10.17	-195.69	-84.71
44122	79.06	-3.10	-4.10	162.64	54.26	-944.88	-12.69	-195.24	-91.88
44123	80.29	-2.50	-4.10	146.41	56.49	-893.35	-6.96	-143.30	-84.21
44124	80.28	-3.10	-4.10	144.26	52.57	-886.28	-8.80	-143.79	-91.41
44125	81.52	-2.50	-4.10	127.74	53.50	-829.12	-4.18	-96.25	-82.85
44126	81.51	-3.10	-4.10	125.99	49.73	-822.59	-5.41	-97.55	-90.00
44127	82.75	-2.50	-4.10	109.52	49.34	-761.06	-1.86	-55.13	-80.70
44128	82.73	-3.10	-4.10	108.18	45.74	-755.16	-2.56	-57.12	-87.74
44129	83.97	-2.50	-4.10	92.14	44.04	-690.46	-0.03	-20.32	-77.88
44130	83.95	-3.10	-4.10	91.19	40.63	-685.24	-0.27	-22.84	-84.76
44131	85.20	-2.50	-4.10	75.95	37.63	-618.48	1.31	8.04	-74.49
44132	85.17	-3.10	-4.10	75.38	34.43	-613.97	1.45	5.12	-81.18
44133	86.43	-2.50	-4.10	61.29	30.16	-546.15	2.17	29.99	-70.67
44134	86.39	-3.10	-4.10	61.07	27.18	-542.34	2.63	26.80	-77.14
44135	87.66	-2.50	-4.10	48.46	21.65	-474.34	2.59	45.74	-66.54
44136	87.62	-3.10	-4.10	48.56	18.90	-471.21	3.30	42.41	-72.76
44137	88.88	-2.50	-4.10	37.71	12.14	-403.77	2.61	55.65	-62.20
44138	88.84	-3.10	-4.10	38.11	9.61	-401.26	3.52	52.28	-68.16
44139	90.11	-2.50	-4.10	29.28	1.64	-334.99	2.29	60.18	-57.75
44140	90.06	-3.10	-4.10	29.93	-0.66	-333.05	3.34	56.87	-63.47
44141	91.34	-2.50	-4.10	23.35	-9.87	-268.38	1.70	59.90	-53.27
44142	91.28	-3.10	-4.10	24.24	-11.95	-266.93	2.86	56.72	-58.74
44143	92.57	-2.50	-4.10	20.10	-22.44	-204.13	0.94	55.42	-48.78
44144	92.50	-3.10	-4.10	21.19	-24.33	-203.09	2.18	52.44	-54.02
44145	93.79	-2.50	-4.10	19.63	-36.24	-142.21	0.13	47.39	-44.23
44146	93.73	-3.10	-4.10	20.92	-37.96	-141.47	1.45	44.66	-49.24
44147	95.02	-2.50	-4.10	21.82	-51.63	-82.05	-0.54	36.34	-39.38
44148	94.95	-3.10	-4.10	23.29	-53.22	-81.54	0.91	33.90	-44.11
44149	96.25	-2.50	-4.10	25.47	-69.55	-23.78	-0.80	21.01	-33.18
44150	96.17	-3.10	-4.10	27.15	-71.08	-23.45	0.89	18.91	-37.36
44151	97.48	-2.50	-4.10	28.84	-91.72	22.77	-1.70	-3.81	-24.00
44152	97.39	-3.10	-4.10	30.59	-93.07	22.97	0.08	-5.41	-27.02
44153	79.06	-2.50	-5.50	88.66	138.98	-877.37	-3.43	-206.17	-72.77
44154	79.06	-3.10	-5.50	86.88	134.78	-871.29	-4.40	-205.37	-77.28

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
44155	80.29	-2.50	-5.50	81.36	135.26	-823.49	-1.16	-155.91	-72.89
44156	80.28	-3.10	-5.50	79.77	131.21	-817.72	-1.67	-155.97	-77.54
44157	81.52	-2.50	-5.50	73.01	130.33	-765.39	0.85	-110.40	-72.23
44158	81.51	-3.10	-5.50	71.66	126.43	-760.03	0.76	-111.23	-76.95
44159	82.75	-2.50	-5.50	64.01	124.20	-704.17	2.54	-70.24	-70.85
44160	82.73	-3.10	-5.50	62.92	120.48	-699.31	2.82	-71.70	-75.57
44161	83.97	-2.50	-5.50	54.72	116.90	-640.85	3.89	-35.80	-68.83
44162	83.95	-3.10	-5.50	53.92	113.38	-636.53	4.48	-37.77	-73.49
44163	85.20	-2.50	-5.50	45.53	108.47	-576.33	4.89	-7.26	-66.26
44164	85.17	-3.10	-5.50	45.00	105.16	-572.57	5.74	-9.61	-70.83
44165	86.43	-2.50	-5.50	36.77	98.96	-511.42	5.55	15.39	-63.24
44166	86.39	-3.10	-5.50	36.52	95.88	-508.23	6.61	12.77	-67.69
44167	87.66	-2.50	-5.50	28.75	88.41	-446.80	5.88	32.30	-59.88
44168	87.62	-3.10	-5.50	28.76	85.56	-444.14	7.11	29.53	-64.17
44169	88.88	-2.50	-5.50	21.72	76.87	-383.01	5.93	43.76	-56.25
44170	88.84	-3.10	-5.50	21.97	74.26	-380.86	7.27	40.94	-60.37
44171	90.11	-2.50	-5.50	15.89	64.35	-320.48	5.73	50.15	-52.42
44172	90.06	-3.10	-5.50	16.35	61.98	-318.78	7.15	47.37	-56.36
44173	91.34	-2.50	-5.50	11.36	50.86	-259.51	5.35	51.93	-48.43
44174	91.28	-3.10	-5.50	12.01	48.73	-258.22	6.81	49.26	-52.18
44175	92.57	-2.50	-5.50	8.12	36.36	-200.31	4.86	49.56	-44.27
44176	92.50	-3.10	-5.50	8.92	34.46	-199.35	6.33	47.08	-47.80
44177	93.79	-2.50	-5.50	5.94	20.75	-143.04	4.36	43.39	-39.81
44178	93.73	-3.10	-5.50	6.88	19.06	-142.35	5.81	41.13	-43.10
44179	95.02	-2.50	-5.50	4.32	3.79	-88.27	3.89	33.17	-34.76
44180	94.95	-3.10	-5.50	5.35	2.32	-87.81	5.31	31.17	-37.71
44181	96.25	-2.50	-5.50	2.94	-14.82	-38.90	3.26	17.68	-28.64
44182	96.17	-3.10	-5.50	3.99	-16.03	-38.62	4.55	15.99	-31.11
44183	97.48	-2.50	-5.50	3.75	-34.90	-1.48	1.76	-2.85	-21.44
44184	97.39	-3.10	-5.50	4.70	-35.76	-1.30	2.68	-4.17	-23.33
44185	79.06	-2.50	-6.90	12.40	231.25	-811.32	4.32	-206.59	-61.47
44186	79.06	-3.10	-6.90	11.33	226.85	-806.37	5.11	-205.58	-63.78
44187	80.29	-2.50	-6.90	16.83	225.36	-761.74	5.73	-159.29	-62.03
44188	80.28	-3.10	-6.90	15.77	221.10	-757.02	6.75	-159.05	-64.55
44189	81.52	-2.50	-6.90	18.95	218.23	-708.89	7.02	-116.22	-61.89
44190	81.51	-3.10	-6.90	17.96	214.14	-704.49	8.26	-116.67	-64.56
44191	82.75	-2.50	-6.90	19.16	209.89	-653.63	8.14	-77.95	-61.09
44192	82.73	-3.10	-6.90	18.31	205.99	-649.61	9.57	-78.98	-63.85
44193	83.97	-2.50	-6.90	17.88	200.38	-596.70	9.05	-44.86	-59.71
44194	83.95	-3.10	-6.90	17.20	196.68	-593.11	10.65	-46.35	-62.50
44195	85.20	-2.50	-6.90	15.52	189.74	-538.82	9.75	-17.12	-57.80
44196	85.17	-3.10	-6.90	15.02	186.26	-535.66	11.47	-18.98	-60.58
44197	86.43	-2.50	-6.90	12.45	178.04	-480.56	10.21	5.22	-55.45
44198	86.39	-3.10	-6.90	12.14	174.80	-477.84	12.04	3.11	-58.19
44199	87.66	-2.50	-6.90	9.02	165.33	-422.43	10.46	22.26	-52.73
44200	87.62	-3.10	-6.90	8.91	162.33	-420.14	12.35	19.99	-55.41
44201	88.88	-2.50	-6.90	5.51	151.66	-364.84	10.51	34.20	-49.71
44202	88.84	-3.10	-6.90	5.59	148.92	-362.95	12.43	31.88	-52.29
44203	90.11	-2.50	-6.90	2.16	137.09	-308.12	10.40	41.35	-46.42
44204	90.06	-3.10	-6.90	2.40	134.61	-306.60	12.32	39.05	-48.91
44205	91.34	-2.50	-6.90	-0.93	121.65	-252.54	10.15	44.03	-42.89
44206	91.28	-3.10	-6.90	-0.54	119.42	-251.36	12.04	41.82	-45.26
44207	92.57	-2.50	-6.90	-3.74	105.35	-198.41	9.81	42.52	-39.08
44208	92.50	-3.10	-6.90	-3.22	103.39	-197.51	11.63	40.45	-41.31
44209	93.79	-2.50	-6.90	-6.33	88.20	-146.24	9.40	36.97	-34.90
44210	93.73	-3.10	-6.90	-5.73	86.49	-145.58	11.12	35.08	-36.97
44211	95.02	-2.50	-6.90	-8.67	70.17	-97.24	8.86	27.32	-30.19
44212	94.95	-3.10	-6.90	-8.02	68.74	-96.79	10.41	25.65	-32.06
44213	96.25	-2.50	-6.90	-10.08	51.37	-53.86	7.99	13.82	-24.90
44214	96.17	-3.10	-6.90	-9.44	50.24	-53.57	9.28	12.39	-26.57
44215	97.48	-2.50	-6.90	-9.37	32.12	-19.05	6.52	-1.81	-19.25
44216	97.39	-3.10	-6.90	-8.84	31.34	-18.84	7.44	-3.00	-20.74
44217	79.06	-2.50	-8.30	-60.17	333.62	-754.14	12.74	-197.08	-50.44
44218	79.06	-3.10	-8.30	-60.63	328.89	-750.01	15.43	-195.98	-51.05
44219	80.29	-2.50	-8.30	-43.94	325.33	-708.16	13.40	-153.75	-51.27
44220	80.28	-3.10	-8.30	-44.56	320.76	-704.22	16.10	-153.32	-52.12
44221	81.52	-2.50	-8.30	-31.47	315.79	-659.81	14.08	-114.16	-51.49
44222	81.51	-3.10	-8.30	-32.15	311.40	-656.12	16.79	-114.33	-52.54
44223	82.75	-2.50	-8.30	-22.28	305.04	-609.69	14.72	-78.84	-51.13
44224	82.73	-3.10	-8.30	-22.96	300.84	-606.30	17.45	-79.53	-52.32
44225	83.97	-2.50	-8.30	-15.90	293.11	-558.36	15.28	-48.14	-50.23
44226	83.95	-3.10	-8.30	-16.52	289.13	-555.30	18.03	-49.25	-51.52
44227	85.20	-2.50	-8.30	-11.87	280.08	-506.31	15.73	-22.26	-48.85
44228	85.17	-3.10	-8.30	-12.38	276.33	-503.59	18.47	-23.70	-50.21
44229	86.43	-2.50	-8.30	-9.70	266.00	-453.95	16.05	-1.26	-47.06
44230	86.39	-3.10	-8.30	-10.08	262.50	-451.58	18.78	-2.93	-48.44
44231	87.66	-2.50	-8.30	-8.97	250.94	-401.64	16.24	14.92	-44.89
44232	87.62	-3.10	-8.30	-9.22	247.71	-399.61	18.94	13.11	-46.28
44233	88.88	-2.50	-8.30	-9.31	235.00	-349.67	16.30	26.41	-42.41
44234	88.84	-3.10	-8.30	-9.41	232.03	-347.95	18.94	24.53	-43.78
44235	90.11	-2.50	-8.30	-10.38	218.23	-298.30	16.23	33.42	-39.63
44236	90.06	-3.10	-8.30	-10.35	215.53	-296.88	18.81	31.55	-40.99
44237	91.34	-2.50	-8.30	-11.95	200.71	-247.79	16.05	36.17	-36.58
44238	91.28	-3.10	-8.30	-11.79	198.29	-246.65	18.53	34.37	-37.90
44239	92.57	-2.50	-8.30	-13.82	182.52	-198.51	15.76	34.90	-33.21
44240	92.50	-3.10	-8.30	-13.56	180.37	-197.61	18.11	33.20	-34.51
44241	93.79	-2.50	-8.30	-15.77	163.72	-151.09	15.32	29.80	-29.50
44242	93.73	-3.10	-8.30	-15.43	161.85	-150.40	17.51	28.24	-30.76
44243	95.02	-2.50	-8.30	-17.42	144.41	-106.57	14.66	21.25	-25.42
44244	94.95	-3.10	-8.30	-17.04	142.84	-106.08	16.64	19.85	-26.64
44245	96.25	-2.50	-8.30	-18.17	124.77	-66.45	13.68	10.05	-21.02
44246	96.17	-3.10	-8.30	-17.79	123.50	-66.09	15.38	8.83	-22.24
44247	97.48	-2.50	-8.30	-17.42	105.00	-32.15	12.26	-2.22	-16.49
44248	97.39	-3.10	-8.30	-17.11	104.04	-31.89	13.66	-3.30	-17.77
44249	101.90	-2.50	-2.70	4.97	-271.79	2.16	-26.58	-1.14	0.02
44250	101.05	-2.50	-2.70	23.80	-266.72	2.87	-29.03	-6.20	-0.37
44251	100.20	-2.50	-2.70	49.21	-250.86	3.31	-29.26	-11.85	-0.52
44252	99.36	-2.50	-2.70	82.56	-223.30	3.08	-25.96	-20.05	-0.57
44253	98.51	-2.50	-2.70	128.90	-169.14	47.05	-11.14	-52.89	-8.24



Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
44254	101.82	-3.10	-2.70	3.79	-270.37	2.10	-31.47	-1.34	-0.88
44255	100.97	-3.10	-2.70	23.05	-265.41	2.86	-32.60	-6.32	-0.80
44256	100.13	-3.10	-2.70	49.04	-249.98	3.30	-31.45	-12.04	-0.74
44257	99.28	-3.10	-2.70	83.42	-223.22	3.15	-26.27	-20.32	-0.39
44258	98.43	-3.10	-2.70	132.27	-171.46	47.17	-7.14	-53.89	-10.04
44259	101.90	-2.50	-4.10	5.35	-198.28	12.97	-18.97	-5.27	-0.06
44260	101.05	-2.50	-4.10	20.69	-189.80	13.47	-19.87	-15.96	-0.87
44261	100.20	-2.50	-4.10	36.86	-174.52	12.61	-18.93	-26.97	-1.63
44262	99.36	-2.50	-4.10	49.99	-150.31	21.61	-14.48	-40.18	-4.13
44263	98.51	-2.50	-4.10	38.59	-120.55	35.02	-6.63	-35.35	-11.95
44264	101.82	-3.10	-4.10	4.46	-197.18	12.96	-22.92	-5.73	-3.03
44265	100.97	-3.10	-4.10	20.17	-188.81	13.56	-23.02	-16.37	-2.92
44266	100.13	-3.10	-4.10	36.79	-173.83	12.76	-21.16	-27.51	-3.02
44267	99.28	-3.10	-4.10	50.61	-150.21	21.85	-15.34	-40.92	-5.20
44268	98.43	-3.10	-4.10	39.94	-121.24	35.25	-5.89	-36.37	-13.51
44269	101.90	-2.50	-5.50	3.22	-132.09	32.06	-12.29	-8.05	-0.81
44270	101.05	-2.50	-5.50	12.00	-119.69	28.67	-11.70	-20.66	-1.74
44271	100.20	-2.50	-5.50	18.60	-103.16	25.88	-9.90	-30.84	-3.31
44272	99.36	-2.50	-5.50	17.47	-82.35	25.39	-6.19	-34.39	-6.81
44273	98.51	-2.50	-5.50	10.42	-57.96	19.47	-1.60	-23.87	-13.35
44274	101.82	-3.10	-5.50	2.59	-131.46	32.13	-15.05	-8.69	-4.48
44275	100.97	-3.10	-5.50	11.65	-119.09	28.88	-14.06	-21.31	-4.36
44276	100.13	-3.10	-5.50	18.53	-102.79	26.16	-11.59	-31.61	-5.13
44277	99.28	-3.10	-5.50	17.75	-82.31	25.72	-7.02	-35.29	-8.15
44278	98.43	-3.10	-5.50	11.08	-58.37	19.73	-1.43	-24.90	-14.73
44279	101.90	-2.50	-6.90	1.12	-68.90	54.69	-6.19	-8.42	-1.31
44280	101.05	-2.50	-6.90	3.87	-52.31	44.94	-4.56	-20.66	-2.24
44281	100.20	-2.50	-6.90	3.87	-33.62	35.67	-2.31	-27.79	-4.19
44282	99.36	-2.50	-6.90	0.26	-12.52	24.91	0.75	-27.57	-7.71
44283	98.51	-2.50	-6.90	-5.44	10.52	7.29	4.05	-17.56	-13.10
44284	101.82	-3.10	-6.90	0.75	-68.70	54.91	-7.73	-9.16	-5.47
44285	100.97	-3.10	-6.90	3.67	-52.11	45.27	-5.91	-21.44	-5.37
44286	100.13	-3.10	-6.90	3.83	-33.59	36.06	-3.18	-28.68	-6.47
44287	99.28	-3.10	-6.90	0.41	-12.70	25.30	0.45	-28.53	-9.41
44288	98.43	-3.10	-6.90	-5.09	10.07	7.57	4.42	-18.58	-14.54
44289	101.90	-2.50	-8.30	-0.43	-7.19	77.26	-0.43	-7.24	-1.29
44290	101.05	-2.50	-8.30	-2.02	13.92	60.55	1.92	-18.12	-2.15
44291	100.20	-2.50	-8.30	-5.28	35.79	43.87	4.49	-23.77	-4.04
44292	99.36	-2.50	-8.30	-9.81	58.84	24.22	7.34	-22.77	-7.19
44293	98.51	-2.50	-8.30	-14.43	82.90	-1.66	10.13	-14.41	-11.63
44294	101.82	-3.10	-8.30	-0.55	-7.42	77.66	-0.73	-8.00	-5.54
44295	100.97	-3.10	-8.30	-2.05	13.70	61.02	1.69	-18.93	-5.47
44296	100.13	-3.10	-8.30	-5.23	35.43	44.34	4.62	-24.67	-6.52
44297	99.28	-3.10	-8.30	-9.68	58.33	24.66	7.87	-23.71	-9.05
44298	98.43	-3.10	-8.30	-14.21	82.19	-1.35	11.12	-15.38	-13.07
44299	77.84	-2.50	-2.70	269.12	-10.28	-1093.61	-20.22	-234.01	-97.79
44300	76.61	-2.50	-2.70	299.98	-11.94	-1141.01	-25.24	-296.87	-97.04
44301	75.38	-2.50	-2.70	331.06	-14.39	-1176.94	-30.47	-362.35	-95.27
44302	74.15	-2.50	-2.70	362.23	-17.39	-1199.70	-35.70	-428.95	-92.60
44303	72.93	-2.50	-2.70	393.28	-20.63	-1207.62	-40.68	-495.11	-89.24
44304	71.70	-2.50	-2.70	423.82	-23.66	-1198.93	-45.12	-559.24	-85.56
44305	70.47	-2.50	-2.70	452.98	-25.99	-1171.65	-48.81	-619.55	-82.06
44306	69.24	-2.50	-2.70	479.14	-27.17	-1123.54	-51.74	-673.80	-79.33
44307	68.02	-2.50	-2.70	499.75	-27.07	-1052.25	-54.29	-718.60	-77.94
44308	66.79	-2.50	-2.70	511.81	-26.49	-956.22	-57.42	-748.39	-78.17
44309	65.56	-2.50	-2.70	513.80	-28.19	-836.86	-62.33	-754.41	-79.65
44310	64.33	-2.50	-2.70	510.38	-38.07	-702.61	-68.95	-725.35	-81.74
44311	63.11	-2.50	-2.70	519.89	-64.46	-572.79	-72.92	-653.57	-86.07
44312	61.88	-2.50	-2.70	577.14	-110.95	-470.72	-67.28	-550.53	-101.44
44313	60.65	-2.50	-2.70	714.26	-158.74	-388.92	-57.27	-454.40	-137.63
44314	59.42	-2.50	-2.70	931.45	-161.78	-273.28	-62.06	-372.37	-134.69
44315	77.84	-3.10	-2.70	265.32	-14.38	-1084.11	-25.00	-232.92	-108.05
44316	76.62	-3.10	-2.70	295.68	-16.20	-1131.40	-31.11	-294.56	-107.25
44317	75.39	-3.10	-2.70	326.34	-18.84	-1167.49	-37.53	-358.76	-105.35
44318	74.17	-3.10	-2.70	357.20	-22.09	-1190.73	-44.00	-424.07	-102.45
44319	72.95	-3.10	-2.70	388.11	-25.66	-1199.47	-50.24	-489.01	-98.81
44320	71.73	-3.10	-2.70	418.74	-29.16	-1191.96	-55.91	-552.05	-94.84
44321	70.51	-3.10	-2.70	448.26	-32.07	-1166.22	-60.72	-611.51	-91.11
44322	69.28	-3.10	-2.70	475.05	-33.88	-1119.98	-64.57	-665.25	-88.37
44323	68.06	-3.10	-2.70	496.44	-34.27	-1050.86	-67.81	-709.95	-87.36
44324	66.84	-3.10	-2.70	509.09	-33.65	-957.29	-71.60	-740.01	-88.50
44325	65.62	-3.10	-2.70	511.00	-34.44	-840.73	-78.03	-746.40	-91.30
44326	64.40	-3.10	-2.70	506.67	-42.72	-709.91	-89.20	-717.37	-93.97
44327	63.17	-3.10	-2.70	515.68	-68.72	-584.65	-104.70	-645.41	-94.83
44328	61.95	-3.10	-2.70	575.49	-117.66	-487.04	-119.75	-544.38	-97.84
44329	60.73	-3.10	-2.70	716.39	-173.87	-403.80	-137.56	-456.04	-117.40
44330	59.51	-3.10	-2.70	947.62	-170.99	-298.45	-187.13	-376.35	-142.67
44331	77.84	-2.50	-4.10	183.65	59.02	-1004.72	-13.71	-252.57	-84.29
44332	76.61	-2.50	-4.10	201.54	58.64	-1048.93	-17.50	-312.90	-82.94
44333	75.38	-2.50	-4.10	218.52	57.28	-1083.47	-21.39	-375.40	-80.69
44334	74.15	-2.50	-4.10	234.23	55.10	-1106.78	-25.21	-438.63	-77.67
44335	72.93	-2.50	-4.10	248.22	52.31	-1117.25	-28.79	-500.96	-74.07
44336	71.70	-2.50	-4.10	259.81	49.16	-1113.19	-31.94	-560.53	-70.19
44337	70.47	-2.50	-4.10	268.00	45.88	-1092.86	-34.53	-615.15	-66.44
44338	69.24	-2.50	-4.10	271.41	42.58	-1054.61	-36.58	-661.96	-63.29
44339	68.02	-2.50	-4.10	268.56	39.05	-997.39	-38.37	-697.16	-61.15
44340	66.79	-2.50	-4.10	258.69	34.42	-921.71	-40.45	-715.65	-60.25
44341	65.56	-2.50	-4.10	243.52	26.76	-831.29	-43.38	-711.55	-60.54
44342	64.33	-2.50	-4.10	229.88	12.89	-734.46	-47.13	-680.43	-62.01
44343	63.11	-2.50	-4.10	231.10	-10.71	-642.60	-50.61	-624.60	-65.72
44344	61.88	-2.50	-4.10	261.82	-45.15	-560.54	-53.50	-558.03	-74.01
44345	60.65	-2.50	-4.10	323.18	-86.36	-473.67	-60.66	-497.20	-84.39
44346	59.42	-2.50	-4.10	397.49	-130.95	-361.62	-77.89	-429.43	-82.13
44347	77.84	-3.10	-4.10	180.79	54.82	-996.99	-16.99	-251.08	-91.35
44348	76.62	-3.10	-4.10	198.41	54.30	-1041.15	-21.61	-310.27	-89.81
44349	75.39	-3.10	-4.10	215.20	52.78	-1075.88	-26.37	-371.59	-87.29
44350	74.17	-3.10	-4.10	230.86	50.41	-1099.65	-31.10	-433.64	-83.91
44351	72.95	-3.10	-4.10	244.97	47.37	-1110.88	-35.58	-494.85	-79.91
44352	71.73	-3.10	-4.10	256.89	43.89	-1107.89	-39.57	-553.44	-75.63

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
44353	70.51	-3.10	-4.10	265.65	40.22	-1088.94	-42.92	-607.29	-71.55
44354	69.28	-3.10	-4.10	269.88	36.51	-1052.36	-45.59	-653.64	-68.24
44355	68.06	-3.10	-4.10	268.00	32.67	-997.06	-47.85	-688.74	-66.25
44356	66.84	-3.10	-4.10	259.08	28.05	-923.53	-50.37	-707.49	-65.91
44357	65.62	-3.10	-4.10	244.63	20.88	-835.49	-54.14	-703.88	-67.08
44358	64.40	-3.10	-4.10	231.49	7.93	-741.39	-59.87	-673.32	-69.20
44359	63.17	-3.10	-4.10	233.43	-14.82	-652.58	-67.15	-618.34	-72.18
44360	61.95	-3.10	-4.10	265.39	-49.37	-573.12	-74.85	-553.69	-77.89
44361	60.73	-3.10	-4.10	327.49	-90.99	-487.01	-83.92	-495.89	-87.76
44362	59.51	-3.10	-4.10	400.06	-135.86	-374.44	-92.51	-430.39	-94.27
44363	77.84	-2.50	-5.50	94.56	141.50	-925.85	-5.89	-260.38	-71.83
44364	76.61	-2.50	-5.50	98.67	142.86	-967.71	-8.45	-317.54	-70.07
44365	75.38	-2.50	-5.50	100.63	143.12	-1001.64	-11.00	-376.38	-67.53
44366	74.15	-2.50	-5.50	100.00	142.40	-1026.29	-13.39	-435.45	-64.32
44367	72.93	-2.50	-5.50	96.27	140.82	-1040.24	-15.50	-493.04	-60.62
44368	71.70	-2.50	-5.50	88.77	138.50	-1042.03	-17.18	-547.11	-56.69
44369	70.47	-2.50	-5.50	76.68	135.51	-1030.28	-18.36	-595.27	-52.85
44370	69.24	-2.50	-5.50	59.15	131.78	-1003.87	-19.08	-634.59	-49.47
44371	68.02	-2.50	-5.50	35.56	126.98	-962.42	-19.50	-661.64	-46.91
44372	66.79	-2.50	-5.50	6.21	120.33	-906.89	-19.94	-672.73	-45.44
44373	65.56	-2.50	-5.50	-26.85	110.47	-840.23	-20.75	-664.84	-45.24
44374	64.33	-2.50	-5.50	-59.32	95.51	-767.10	-22.17	-637.54	-46.51
44375	63.11	-2.50	-5.50	-86.00	73.36	-691.46	-24.34	-595.03	-49.66
44376	61.88	-2.50	-5.50	-105.23	42.43	-612.48	-27.82	-544.92	-54.81
44377	60.65	-2.50	-5.50	-123.18	1.63	-525.11	-33.19	-489.60	-60.37
44378	59.42	-2.50	-5.50	-148.63	-49.92	-439.85	-37.62	-414.36	-63.97
44379	77.84	-3.10	-5.50	92.65	137.17	-919.61	-7.37	-258.63	-76.13
44380	76.62	-3.10	-5.50	96.72	138.41	-961.46	-10.47	-314.75	-74.07
44381	75.39	-3.10	-5.50	98.75	138.54	-995.60	-13.56	-372.54	-71.17
44382	74.17	-3.10	-5.50	98.33	137.67	-1020.67	-16.50	-430.56	-67.54
44383	72.95	-3.10	-5.50	94.98	135.91	-1035.30	-19.10	-487.16	-63.38
44384	71.73	-3.10	-5.50	88.07	133.37	-1038.03	-21.23	-540.38	-59.00
44385	70.51	-3.10	-5.50	76.81	130.14	-1027.49	-22.75	-587.89	-54.78
44386	69.28	-3.10	-5.50	60.31	126.19	-1002.53	-23.69	-626.85	-51.17
44387	68.06	-3.10	-5.50	37.93	121.26	-962.74	-24.20	-653.88	-48.64
44388	66.84	-3.10	-5.50	9.86	114.69	-909.06	-24.69	-665.31	-47.53
44389	65.62	-3.10	-5.50	-21.97	105.24	-844.37	-25.66	-658.08	-48.02
44390	64.40	-3.10	-5.50	-53.28	91.06	-773.31	-27.52	-631.71	-50.17
44391	63.17	-3.10	-5.50	-78.87	70.00	-699.72	-30.46	-590.46	-54.23
44392	61.95	-3.10	-5.50	-97.21	40.35	-622.43	-34.62	-542.07	-60.56
44393	60.73	-3.10	-5.50	-114.71	0.94	-536.11	-39.92	-488.94	-68.66
44394	59.51	-3.10	-5.50	-140.17	-48.65	-450.59	-44.86	-416.71	-76.51
44395	77.84	-2.50	-6.90	5.27	235.92	-856.72	2.87	-257.36	-60.20
44396	76.61	-2.50	-6.90	-4.97	239.38	-896.94	1.46	-310.60	-58.21
44397	75.38	-2.50	-6.90	-18.68	241.68	-930.94	0.20	-365.11	-55.56
44398	74.15	-2.50	-6.90	-36.29	242.90	-957.61	-0.80	-419.39	-52.34
44399	72.93	-2.50	-6.90	-58.25	243.09	-975.78	-1.43	-471.72	-48.73
44400	71.70	-2.50	-6.90	-85.03	242.32	-984.28	-1.59	-520.01	-44.93
44401	70.47	-2.50	-6.90	-117.16	240.58	-982.02	-1.23	-561.85	-41.21
44402	69.24	-2.50	-6.90	-155.07	237.72	-968.17	-0.37	-594.49	-37.90
44403	68.02	-2.50	-6.90	-198.92	233.38	-942.40	0.85	-615.00	-35.31
44404	66.79	-2.50	-6.90	-248.34	226.89	-905.13	2.19	-620.65	-33.75
44405	65.56	-2.50	-6.90	-302.34	217.16	-857.53	3.32	-609.68	-33.48
44406	64.33	-2.50	-6.90	-359.77	202.71	-800.97	3.82	-582.19	-34.76
44407	63.11	-2.50	-6.90	-420.59	181.63	-736.03	3.19	-540.31	-37.81
44408	61.88	-2.50	-6.90	-487.41	151.69	-662.47	0.85	-486.47	-42.70
44409	60.65	-2.50	-6.90	-564.39	110.20	-583.88	-3.36	-419.95	-49.38
44410	59.42	-2.50	-6.90	-650.55	54.32	-515.16	-8.83	-337.95	-58.03
44411	77.84	-3.10	-6.90	4.27	231.38	-851.64	3.42	-255.49	-62.23
44412	76.62	-3.10	-6.90	-5.78	234.72	-891.88	1.77	-307.83	-59.90
44413	75.39	-3.10	-6.90	-19.18	236.90	-926.07	0.29	-361.41	-56.85
44414	74.17	-3.10	-6.90	-36.32	237.98	-953.10	-0.88	-414.79	-53.19
44415	72.95	-3.10	-6.90	-57.61	238.04	-971.85	-1.62	-466.28	-49.12
44416	71.73	-3.10	-6.90	-83.54	237.13	-981.13	-1.79	-513.87	-44.88
44417	70.51	-3.10	-6.90	-114.60	235.24	-979.87	-1.34	-555.22	-40.81
44418	69.28	-3.10	-6.90	-151.23	232.28	-967.22	-0.27	-587.63	-37.28
44419	68.06	-3.10	-6.90	-193.64	227.93	-942.83	1.28	-608.24	-34.70
44420	66.84	-3.10	-6.90	-241.52	221.61	-907.06	3.03	-614.33	-33.45
44421	65.62	-3.10	-6.90	-293.99	212.33	-861.04	4.58	-604.15	-33.84
44422	64.40	-3.10	-6.90	-349.96	198.70	-806.09	5.43	-577.74	-36.16
44423	63.17	-3.10	-6.90	-409.51	178.92	-742.70	5.02	-537.20	-40.65
44424	61.95	-3.10	-6.90	-475.42	150.81	-670.47	2.75	-484.92	-47.48
44425	60.73	-3.10	-6.90	-552.11	111.84	-592.70	-1.70	-420.21	-56.67
44426	59.51	-3.10	-6.90	-639.12	59.08	-523.72	-7.63	-340.16	-68.63
44427	77.84	-2.50	-8.30	-80.59	340.66	-797.06	12.18	-243.43	-49.00
44428	76.61	-2.50	-8.30	-105.59	346.45	-836.19	11.80	-291.88	-46.95
44429	75.38	-2.50	-8.30	-135.56	351.04	-870.72	11.71	-341.26	-44.35
44430	74.15	-2.50	-8.30	-170.83	354.48	-899.82	12.00	-390.14	-41.30
44431	72.93	-2.50	-8.30	-211.70	356.80	-922.59	12.77	-436.82	-37.93
44432	71.70	-2.50	-8.30	-258.44	358.04	-938.11	14.10	-479.30	-34.43
44433	70.47	-2.50	-8.30	-311.23	358.16	-945.53	16.03	-515.26	-31.03
44434	69.24	-2.50	-8.30	-370.12	357.00	-944.14	18.52	-542.13	-28.00
44435	68.02	-2.50	-8.30	-435.00	354.21	-933.40	21.44	-557.26	-25.64
44436	66.79	-2.50	-8.30	-505.60	349.20	-913.02	24.57	-558.20	-24.24
44437	65.56	-2.50	-8.30	-581.73	341.01	-882.78	27.53	-543.06	-24.09
44438	64.33	-2.50	-8.30	-663.78	328.25	-842.25	29.82	-510.87	-25.43
44439	63.11	-2.50	-8.30	-753.46	308.97	-790.80	30.75	-461.45	-28.52
44440	61.88	-2.50	-8.30	-853.86	280.55	-728.80	29.51	-394.90	-33.62
44441	60.65	-2.50	-8.30	-967.99	239.52	-660.47	25.30	-311.96	-41.17
44442	59.42	-2.50	-8.30	-1096.60	181.53	-597.50	17.69	-216.07	-52.11
44443	77.84	-3.10	-8.30	-80.78	335.78	-792.83	14.89	-241.59	-49.30
44444	76.62	-3.10	-8.30	-105.38	341.44	-831.97	14.56	-289.27	-46.90
44445	75.39	-3.10	-8.30	-134.78	345.90	-866.64	14.58	-337.86	-43.90
44446	74.17	-3.10	-8.30	-169.32	349.20	-896.02	15.05	-385.99	-40.43
44447	72.95	-3.10	-8.30	-209.27	351.40	-919.21	16.09	-432.00	-36.64
44448	71.73	-3.10	-8.30	-254.87	352.52	-935.33	17.81	-473.93	-32.75
44449	70.51	-3.10	-8.30	-306.33	352.52	-943.52	20.25	-509.53	-29.05
44450	69.28	-3.10	-8.30	-363.70	351.30	-943.03	23.38	-536.31	-25.87
44451	68.06	-3.10	-8.30	-426.91	348.54	-933.34	27.08	-551.64	-23.57

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
44452	66.84	-3.10	-8.30	-495.77	343.72	-914.11	31.07	-553.11	-22.51
44453	65.62	-3.10	-8.30	-570.14	335.98	-885.09	34.93	-538.84	-23.04
44454	64.40	-3.10	-8.30	-650.54	324.05	-845.83	38.08	-507.81	-25.46
44455	63.17	-3.10	-8.30	-738.79	306.14	-795.65	39.72	-459.77	-30.08
44456	61.95	-3.10	-8.30	-838.19	279.80	-734.83	38.92	-394.75	-37.19
44457	60.73	-3.10	-8.30	-952.09	241.75	-667.38	34.70	-313.39	-47.33
44458	59.51	-3.10	-8.30	-1081.68	187.55	-604.58	26.17	-218.85	-61.53
44459	58.39	-2.50	-2.70	1317.57	-180.59	-204.51	-64.21	-207.70	-25.21
44460	57.54	-2.50	-2.70	1472.62	-298.16	-374.66	-31.44	-48.68	68.65
44461	56.70	-2.50	-2.70	1466.31	-433.13	-715.31	-23.17	118.75	110.40
44462	55.85	-2.50	-2.70	1462.18	-719.15	-1243.29	52.51	391.71	154.42
44463	55.01	-2.50	-2.70	1637.08	-688.81	-2069.20	200.45	1315.26	498.85
44464	58.47	-3.10	-2.70	1320.04	-204.27	-258.40	-203.15	-231.98	-96.61
44465	57.62	-3.10	-2.70	1445.34	-310.37	-427.13	-86.89	-81.85	-63.82
44466	56.77	-3.10	-2.70	1433.42	-418.18	-752.40	-38.20	103.62	-112.25
44467	55.93	-3.10	-2.70	1432.74	-729.23	-1280.23	-27.76	373.26	-220.89
44468	55.08	-3.10	-2.70	1626.67	-683.01	-2078.83	-85.12	1324.54	-530.37
44469	58.39	-2.50	-4.10	474.02	-191.54	-294.22	-78.48	-278.93	-52.51
44470	57.54	-2.50	-4.10	563.39	-264.66	-385.20	-49.18	-64.61	-23.40
44471	56.70	-2.50	-4.10	589.74	-348.30	-645.96	-18.72	178.70	-11.37
44472	55.85	-2.50	-4.10	592.53	-453.93	-1076.15	46.21	525.00	-27.89
44473	55.01	-2.50	-4.10	767.42	-266.91	-1661.38	143.29	1490.23	440.01
44474	58.47	-3.10	-4.10	478.79	-187.73	-306.35	-87.57	-282.18	-82.49
44475	57.62	-3.10	-4.10	565.46	-251.52	-393.98	-57.01	-72.64	-75.62
44476	56.77	-3.10	-4.10	582.97	-328.45	-647.27	-20.36	169.88	-98.35
44477	55.93	-3.10	-4.10	584.07	-441.77	-1074.11	-12.59	502.14	-170.76
44478	55.08	-3.10	-4.10	745.96	-243.45	-1667.84	-81.67	1493.13	-589.16
44479	58.39	-2.50	-5.50	-170.05	-120.42	-402.46	-37.12	-288.19	-64.20
44480	57.54	-2.50	-5.50	-168.43	-210.95	-496.75	-26.00	-98.68	-67.87
44481	56.70	-2.50	-5.50	-130.65	-297.65	-766.08	-6.14	150.89	-75.62
44482	55.85	-2.50	-5.50	-76.73	-368.86	-1166.24	11.52	497.51	-119.68
44483	55.01	-2.50	-5.50	-18.05	-341.00	-1621.27	1.19	1446.79	310.01
44484	58.47	-3.10	-5.50	-163.92	-116.75	-409.95	-42.55	-293.83	-84.25
44485	57.62	-3.10	-5.50	-165.52	-204.25	-499.19	-27.09	-105.44	-98.03
44486	56.77	-3.10	-5.50	-131.24	-288.67	-763.35	3.08	144.40	-123.04
44487	55.93	-3.10	-5.50	-82.65	-353.85	-1159.00	32.28	475.16	-178.46
44488	55.08	-3.10	-5.50	-58.69	-331.81	-1620.04	41.82	1444.54	-561.54
44489	58.39	-2.50	-6.90	-745.05	-29.14	-492.93	-13.04	-228.40	-70.61
44490	57.54	-2.50	-6.90	-820.19	-141.89	-595.36	-10.98	-94.71	-93.41
44491	56.70	-2.50	-6.90	-818.05	-247.94	-900.09	1.07	60.51	-118.95
44492	55.85	-2.50	-6.90	-744.92	-294.05	-1357.63	-12.59	335.60	-169.69
44493	55.01	-2.50	-6.90	-792.79	-355.52	-1833.05	-108.62	1282.47	231.09
44494	58.47	-3.10	-6.90	-736.11	-21.23	-499.27	-12.73	-232.22	-86.09
44495	57.62	-3.10	-6.90	-814.50	-132.48	-597.78	-10.05	-99.34	-115.72
44496	56.77	-3.10	-6.90	-813.21	-241.09	-898.23	18.12	56.45	-156.08
44497	55.93	-3.10	-6.90	-746.69	-268.22	-1345.39	68.56	316.36	-202.60
44498	55.08	-3.10	-6.90	-861.15	-368.01	-1827.90	145.99	1278.77	-531.95
44499	58.39	-2.50	-8.30	-1252.95	89.08	-565.40	6.69	-105.66	-69.92
44500	57.54	-2.50	-8.30	-1429.33	-46.93	-628.00	-5.32	-7.73	-103.09
44501	56.70	-2.50	-8.30	-1582.75	-198.65	-896.94	-8.89	21.63	-146.12
44502	55.85	-2.50	-8.30	-1662.69	-270.92	-1480.35	-33.47	65.55	-200.02
44503	55.01	-2.50	-8.30	-1695.37	-356.58	-2227.57	-191.47	886.61	154.42
44504	58.47	-3.10	-8.30	-1241.05	98.73	-571.11	12.77	-109.03	-84.47
44505	57.62	-3.10	-8.30	-1421.42	-36.08	-630.46	-1.32	-10.86	-124.82
44506	56.77	-3.10	-8.30	-1574.72	-194.62	-895.73	9.47	18.29	-189.75
44507	55.93	-3.10	-8.30	-1660.26	-247.24	-1463.60	72.93	51.91	-252.03
44508	55.08	-3.10	-8.30	-1758.32	-367.11	-2218.56	279.93	897.87	-478.05
44509	97.23	-3.96	-2.70	88.95	-134.44	48.83	3.36	-18.63	-45.81
44510	96.02	-3.96	-2.70	56.67	-113.23	-15.79	-0.92	6.50	-56.58
44511	94.81	-3.96	-2.70	40.95	-98.52	-80.52	-1.18	24.14	-60.58
44512	93.60	-3.96	-2.70	33.72	-86.01	-143.56	-0.40	39.24	-65.01
44513	92.39	-3.96	-2.70	32.30	-75.01	-208.83	0.55	50.90	-69.94
44514	91.18	-3.96	-2.70	35.41	-65.18	-276.91	1.35	58.61	-75.30
44515	89.96	-3.96	-2.70	42.42	-56.37	-347.88	1.80	61.85	-80.98
44516	88.75	-3.96	-2.70	52.93	-48.53	-421.53	1.78	60.08	-86.85
44517	87.54	-3.96	-2.70	66.66	-41.62	-497.40	1.17	52.80	-92.76
44518	86.33	-3.96	-2.70	83.37	-35.66	-574.86	-0.10	39.54	-98.56
44519	85.12	-3.95	-2.70	102.81	-30.65	-653.07	-2.12	19.94	-104.09
44520	83.90	-3.95	-2.70	124.67	-26.63	-731.04	-4.94	-6.23	-109.15
44521	82.69	-3.95	-2.70	148.63	-23.60	-807.58	-8.60	-39.07	-113.59
44522	81.48	-3.95	-2.70	174.35	-21.59	-881.33	-13.14	-78.43	-117.23
44523	80.27	-3.95	-2.70	201.45	-20.62	-950.81	-18.54	-123.98	-119.91
44524	79.06	-3.95	-2.70	229.58	-20.68	-1014.45	-24.77	-175.12	-121.48
44525	96.98	-5.08	-2.70	93.98	-144.36	39.68	8.01	-21.93	-58.47
44526	95.78	-5.08	-2.70	60.19	-121.01	-24.53	1.63	0.96	-70.26
44527	94.59	-5.08	-2.70	43.81	-105.66	-88.16	0.63	17.79	-73.93
44528	93.39	-5.08	-2.70	36.16	-93.07	-150.15	1.06	32.13	-78.25
44529	92.20	-5.07	-2.70	34.36	-82.25	-214.15	1.74	43.10	-83.26
44530	91.00	-5.07	-2.70	37.04	-72.75	-280.74	2.26	50.21	-88.85
44531	89.81	-5.07	-2.70	43.53	-64.35	-350.03	2.40	52.98	-94.83
44532	88.61	-5.07	-2.70	53.41	-56.96	-421.79	1.98	50.93	-101.08
44533	87.42	-5.07	-2.70	66.38	-50.53	-495.61	0.90	43.60	-107.40
44534	86.22	-5.06	-2.70	82.18	-45.05	-570.89	-0.95	30.57	-113.63
44535	85.03	-5.06	-2.70	100.56	-40.51	-646.85	-3.66	11.53	-119.57
44536	83.83	-5.06	-2.70	121.23	-36.92	-722.53	-7.29	-13.74	-125.04
44537	82.63	-5.06	-2.70	143.88	-34.30	-796.84	-11.91	-45.27	-129.85
44538	81.44	-5.06	-2.70	168.16	-32.67	-868.50	-17.55	-82.94	-133.80
44539	80.24	-5.05	-2.70	193.74	-32.04	-936.15	-24.22	-126.40	-136.71
44540	79.05	-5.05	-2.70	220.31	-32.42	-998.32	-31.91	-175.06	-138.43
44541	96.66	-6.18	-2.70	98.45	-158.06	24.15	11.61	-24.62	-71.54
44542	95.49	-6.18	-2.70	63.25	-132.00	-39.50	3.52	-4.78	-84.05
44543	94.31	-6.18	-2.70	46.29	-115.61	-101.49	1.89	11.00	-87.40
44544	93.14	-6.18	-2.70	38.28	-102.76	-162.02	1.94	24.40	-91.55
44545	91.96	-6.17	-2.70	36.12	-92.04	-224.39	2.31	34.53	-96.56
44546	90.79	-6.17	-2.70	38.38	-82.83	-289.15	2.53	40.91	-102.25
44547	89.61	-6.17	-2.70	44.32	-74.82	-356.40	2.32	43.12	-108.43
44548	88.44	-6.17	-2.70	53.50	-67.89	-425.92	1.50	40.71	-114.92
44549	87.26	-6.17	-2.70	65.62	-61.97	-497.33	-0.06	33.28	-121.53
44550	86.09	-6.16	-2.70	80.40	-57.00	-570.05	-2.47	20.48	-128.07

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
44551	84.91	-6.16	-2.70	97.57	-52.96	-643.35	-5.83	2.04	-134.33
44552	83.74	-6.16	-2.70	116.85	-49.86	-716.37	-10.22	-22.21	-140.10
44553	82.56	-6.16	-2.70	137.95	-47.69	-788.08	-15.71	-52.29	-145.18
44554	81.39	-6.16	-2.70	160.54	-46.48	-857.31	-22.35	-88.04	-149.36
44555	80.21	-6.15	-2.70	184.30	-46.22	-922.81	-30.17	-129.11	-152.46
44556	79.04	-6.15	-2.70	208.95	-46.93	-983.25	-39.16	-174.92	-154.29
44557	96.28	-7.26	-2.70	102.35	-175.58	2.32	14.04	-26.62	-85.23
44558	95.13	-7.26	-2.70	65.85	-146.26	-60.88	4.73	-10.78	-98.06
44559	93.98	-7.26	-2.70	48.32	-128.39	-120.63	2.50	3.72	-101.17
44560	92.83	-7.26	-2.70	39.99	-115.11	-179.28	2.13	16.06	-105.09
44561	91.68	-7.26	-2.70	37.50	-104.40	-239.65	2.16	25.23	-109.98
44562	90.53	-7.26	-2.70	39.34	-95.42	-302.26	2.05	30.76	-115.65
44563	89.38	-7.26	-2.70	44.71	-87.79	-367.15	1.46	32.30	-121.90
44564	88.23	-7.26	-2.70	53.15	-81.32	-434.11	0.22	29.47	-128.50
44565	87.08	-7.26	-2.70	64.33	-75.92	-502.77	-1.81	21.92	-135.27
44566	85.93	-7.26	-2.70	77.95	-71.49	-572.61	-4.74	9.36	-141.98
44567	84.78	-7.26	-2.70	93.77	-67.99	-642.94	-8.71	-8.44	-148.43
44568	83.63	-7.25	-2.70	111.50	-65.40	-712.97	-13.78	-31.58	-154.39
44569	82.48	-7.25	-2.70	130.84	-63.72	-781.77	-20.06	-60.06	-159.65
44570	81.33	-7.25	-2.70	151.50	-62.95	-848.28	-27.58	-93.68	-164.00
44571	80.18	-7.25	-2.70	173.17	-63.09	-911.39	-36.38	-132.10	-167.22
44572	79.03	-7.25	-2.70	195.59	-64.14	-969.90	-46.50	-174.77	-169.13
44573	97.23	-3.96	-4.10	33.46	-96.01	20.33	2.34	-7.02	-31.43
44574	96.02	-3.96	-4.10	29.81	-74.35	-26.12	3.03	16.05	-43.33
44575	94.81	-3.96	-4.10	25.56	-56.61	-83.82	2.75	30.27	-50.81
44576	93.60	-3.96	-4.10	22.85	-41.52	-143.24	3.12	40.47	-56.31
44577	92.39	-3.96	-4.10	22.82	-28.14	-204.21	3.73	47.79	-61.38
44578	91.18	-3.96	-4.10	25.53	-16.08	-267.27	4.28	51.71	-66.39
44579	89.96	-3.96	-4.10	30.86	-5.13	-332.48	4.59	51.60	-71.42
44580	88.75	-3.96	-4.10	38.62	4.79	-399.67	4.55	46.89	-76.42
44581	87.54	-3.96	-4.10	48.60	13.71	-468.50	4.05	37.05	-81.31
44582	86.33	-3.96	-4.10	60.58	21.63	-538.44	3.02	21.66	-85.98
44583	85.12	-3.95	-4.10	74.30	28.54	-608.83	1.40	0.40	-90.29
44584	83.90	-3.95	-4.10	89.48	34.41	-678.87	-0.84	-26.91	-94.10
44585	82.69	-3.95	-4.10	105.79	39.22	-747.59	-3.74	-60.30	-97.26
44586	81.48	-3.95	-4.10	122.91	42.93	-813.92	-7.31	-99.61	-99.62
44587	80.27	-3.95	-4.10	140.48	45.53	-876.66	-11.52	-144.49	-101.07
44588	79.06	-3.95	-4.10	158.19	47.00	-934.53	-16.34	-194.35	-101.48
44589	96.98	-5.08	-4.10	37.49	-101.53	12.90	4.62	-8.33	-37.38
44590	95.78	-5.08	-4.10	33.48	-80.53	-33.84	5.19	12.47	-51.13
44591	94.59	-5.08	-4.10	28.58	-62.91	-90.85	4.59	25.34	-59.49
44592	93.39	-5.08	-4.10	25.39	-48.04	-149.34	4.76	34.64	-65.44
44593	92.20	-5.07	-4.10	24.90	-35.00	-209.22	5.20	41.23	-70.85
44594	91.00	-5.07	-4.10	27.15	-23.36	-271.00	5.58	44.57	-76.17
44595	89.81	-5.07	-4.10	31.96	-12.88	-334.76	5.67	44.04	-81.51
44596	88.61	-5.07	-4.10	39.12	-3.47	-400.36	5.34	39.11	-86.83
44597	87.42	-5.07	-4.10	48.41	4.94	-467.45	4.48	29.29	-92.04
44598	86.22	-5.06	-4.10	59.61	12.35	-535.57	3.01	14.19	-97.00
44599	85.03	-5.06	-4.10	72.46	18.77	-604.09	0.86	-6.47	-101.59
44600	83.83	-5.06	-4.10	86.69	24.18	-672.24	-2.03	-32.84	-105.62
44601	82.63	-5.06	-4.10	101.98	28.55	-739.15	-5.68	-64.93	-108.96
44602	81.44	-5.06	-4.10	118.04	31.87	-803.80	-10.10	-102.58	-111.43
44603	80.24	-5.05	-4.10	134.54	34.12	-865.10	-15.30	-145.42	-112.89
44604	79.05	-5.05	-4.10	151.19	35.27	-921.85	-21.24	-192.91	-113.21
44605	96.66	-6.18	-4.10	41.85	-108.80	0.36	5.91	-8.63	-43.86
44606	95.49	-6.18	-4.10	37.40	-88.69	-47.00	6.46	9.14	-59.04
44607	94.31	-6.18	-4.10	31.71	-71.25	-103.09	5.68	20.23	-68.17
44608	93.14	-6.18	-4.10	27.95	-56.62	-160.35	5.68	28.39	-74.52
44609	91.96	-6.17	-4.10	26.96	-43.94	-218.82	5.96	34.08	-80.20
44610	90.79	-6.17	-4.10	28.69	-32.75	-279.02	6.15	36.70	-85.76
44611	89.61	-6.17	-4.10	32.92	-22.79	-341.02	6.03	35.66	-91.33
44612	88.44	-6.17	-4.10	39.40	-13.92	-404.70	5.41	30.44	-96.88
44613	87.26	-6.17	-4.10	47.92	-6.07	-469.74	4.20	20.61	-102.31
44614	86.09	-6.16	-4.10	58.23	0.77	-535.70	2.31	5.83	-107.49
44615	84.91	-6.16	-4.10	70.08	6.64	-602.00	-0.34	-14.16	-112.26
44616	83.74	-6.16	-4.10	83.21	11.53	-667.95	-3.80	-39.48	-116.45
44617	82.56	-6.16	-4.10	97.32	15.43	-732.73	-8.12	-70.09	-119.90
44618	81.39	-6.16	-4.10	112.13	18.31	-795.43	-13.32	-105.84	-122.42
44619	80.21	-6.15	-4.10	127.34	20.17	-855.03	-19.40	-146.36	-123.88
44620	79.04	-6.15	-4.10	142.71	20.99	-910.48	-26.33	-191.13	-124.12
44621	96.28	-7.26	-4.10	46.41	-117.60	-17.22	6.05	-8.01	-51.11
44622	95.13	-7.26	-4.10	41.48	-98.61	-65.52	6.67	6.09	-67.29
44623	93.98	-7.26	-4.10	34.91	-81.47	-120.58	5.82	14.98	-77.02
44624	92.83	-7.26	-4.10	30.50	-67.13	-176.32	5.71	21.77	-83.67
44625	91.68	-7.26	-4.10	28.96	-54.87	-233.11	5.85	26.40	-89.53
44626	90.53	-7.26	-4.10	30.13	-44.18	-291.44	5.88	28.17	-95.24
44627	89.38	-7.26	-4.10	33.71	-34.75	-351.40	5.54	26.52	-100.96
44628	88.23	-7.26	-4.10	39.45	-26.46	-412.88	4.64	20.97	-106.64
44629	87.08	-7.26	-4.10	47.10	-19.23	-475.58	3.11	11.11	-112.20
44630	85.93	-7.26	-4.10	56.42	-12.99	-539.11	0.83	-3.35	-117.50
44631	84.78	-7.26	-4.10	67.15	-7.71	-602.94	-2.27	-22.61	-122.37
44632	83.63	-7.25	-4.10	79.04	-3.38	-666.42	-6.25	-46.75	-126.64
44633	82.48	-7.25	-4.10	91.81	-0.01	-728.83	-11.15	-75.74	-130.14
44634	81.33	-7.25	-4.10	105.20	2.41	-789.34	-17.02	-109.38	-132.68
44635	80.18	-7.25	-4.10	118.95	3.85	-847.06	-23.84	-147.32	-134.11
44636	79.03	-7.25	-4.10	132.81	4.32	-901.05	-31.60	-189.06	-134.29
44637	97.23	-3.96	-5.50	6.36	-37.33	-3.48	3.83	-5.38	-26.19
44638	96.02	-3.96	-5.50	5.86	-18.34	-40.94	6.18	13.93	-34.69
44639	94.81	-3.96	-5.50	7.12	-0.48	-89.87	7.12	28.38	-41.91
44640	93.60	-3.96	-5.50	8.45	15.87	-143.98	7.67	37.78	-47.73
44641	92.39	-3.96	-5.50	10.26	30.89	-200.42	8.19	43.28	-52.75
44642	91.18	-3.96	-5.50	13.08	44.78	-258.62	8.65	45.12	-57.38
44643	89.96	-3.96	-5.50	17.11	57.63	-318.42	8.92	42.99	-61.80
44644	88.75	-3.96	-5.50	22.37	69.51	-379.64	8.93	36.46	-66.03
44645	87.54	-3.96	-5.50	28.76	80.42	-442.01	8.60	25.11	-70.03
44646	86.33	-3.96	-5.50	36.10	90.35	-505.12	7.88	8.58	-73.73
44647	85.12	-3.95	-5.50	44.13	99.27	-568.46	6.72	-13.38	-77.02
44648	83.90	-3.95	-5.50	52.58	107.14	-631.42	5.10	-40.91	-79.77
44649	82.69	-3.95	-5.50	61.11	113.93	-693.25	3.01	-73.99	-81.89

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
44650	81.48	-3.95	-5.50	69.40	119.60	-753.10	0.46	-112.45	-83.24
44651	80.27	-3.95	-5.50	77.10	124.11	-810.05	-2.52	-155.92	-83.72
44652	79.06	-3.95	-5.50	83.87	127.47	-863.07	-5.88	-203.85	-83.26
44653	96.98	-5.08	-5.50	8.78	-40.13	-9.60	4.92	-6.11	-30.25
44654	95.78	-5.08	-5.50	8.61	-22.33	-47.60	7.77	11.68	-39.54
44655	94.59	-5.08	-5.50	9.70	-5.29	-96.20	8.91	24.84	-47.46
44656	93.39	-5.08	-5.50	10.70	10.43	-149.58	9.53	33.27	-53.77
44657	92.20	-5.07	-5.50	12.14	24.86	-205.10	10.07	38.03	-59.14
44658	91.00	-5.07	-5.50	14.54	38.15	-262.21	10.49	39.29	-64.06
44659	89.81	-5.07	-5.50	18.11	50.41	-320.79	10.69	36.77	-68.73
44660	88.61	-5.07	-5.50	22.85	61.70	-380.66	10.55	30.05	-73.18
44661	87.42	-5.07	-5.50	28.67	72.03	-441.58	10.01	18.75	-77.39
44662	86.22	-5.06	-5.50	35.37	81.40	-503.18	9.01	2.53	-81.26
44663	85.03	-5.06	-5.50	42.74	89.78	-564.98	7.51	-18.82	-84.67
44664	83.83	-5.06	-5.50	50.48	97.15	-626.41	5.46	-45.43	-87.51
44665	82.63	-5.06	-5.50	58.32	103.47	-686.77	2.87	-77.27	-89.64
44666	81.44	-5.06	-5.50	65.93	108.72	-745.30	-0.27	-114.15	-90.94
44667	80.24	-5.05	-5.50	73.01	112.87	-801.12	-3.91	-155.72	-91.28
44668	79.05	-5.05	-5.50	79.25	115.90	-853.31	-8.02	-201.45	-90.58
44669	96.66	-6.18	-5.50	11.50	-43.55	-19.91	5.47	-5.77	-34.94
44670	95.49	-6.18	-5.50	11.74	-27.21	-58.86	8.64	10.04	-44.81
44671	94.31	-6.18	-5.50	12.61	-11.22	-107.18	9.96	21.49	-53.23
44672	93.14	-6.18	-5.50	13.22	3.69	-159.67	10.65	28.66	-59.91
44673	91.96	-6.17	-5.50	14.22	17.39	-214.03	11.20	32.47	-65.54
44674	90.79	-6.17	-5.50	16.14	29.98	-269.79	11.59	33.00	-70.67
44675	89.61	-6.17	-5.50	19.17	41.55	-326.87	11.71	29.97	-75.50
44676	88.44	-6.17	-5.50	23.32	52.16	-385.11	11.44	23.00	-80.11
44677	87.26	-6.17	-5.50	28.48	61.82	-444.31	10.71	11.71	-84.45
44678	86.09	-6.16	-5.50	34.47	70.54	-504.11	9.46	-4.18	-88.42
44679	84.91	-6.16	-5.50	41.06	78.31	-564.09	7.65	-24.86	-91.91
44680	83.74	-6.16	-5.50	48.01	85.11	-623.72	5.23	-50.43	-94.78
44681	82.56	-6.16	-5.50	55.03	90.92	-682.37	2.20	-80.85	-96.90
44682	81.39	-6.16	-5.50	61.85	95.70	-739.34	-1.44	-115.92	-98.12
44683	80.21	-6.15	-5.50	68.19	99.44	-793.84	-5.66	-155.31	-98.33
44684	79.04	-6.15	-5.50	73.79	102.12	-845.04	-10.42	-198.51	-97.42
44685	96.28	-7.26	-5.50	14.42	-47.45	-34.27	5.40	-4.51	-40.57
44686	95.13	-7.26	-5.50	15.12	-32.80	-74.57	8.69	8.98	-50.77
44687	93.98	-7.26	-5.50	15.77	-18.06	-122.71	10.09	18.40	-59.46
44688	92.83	-7.26	-5.50	15.94	-4.14	-174.24	10.85	24.05	-66.33
44689	91.68	-7.26	-5.50	16.45	8.68	-227.26	11.42	26.69	-72.09
44690	90.53	-7.26	-5.50	17.83	20.43	-281.47	11.81	26.33	-77.30
44691	89.38	-7.26	-5.50	20.27	31.22	-336.82	11.86	22.68	-82.23
44692	88.23	-7.26	-5.50	23.75	41.06	-393.21	11.47	15.38	-86.92
44693	87.08	-7.26	-5.50	28.18	49.98	-450.44	10.58	4.08	-91.31
44694	85.93	-7.26	-5.50	33.36	57.98	-508.22	9.12	-11.46	-95.32
44695	84.78	-7.26	-5.50	39.10	65.08	-566.15	7.04	-31.41	-98.82
44696	83.63	-7.25	-5.50	45.16	71.26	-623.77	4.31	-55.83	-101.68
44697	82.48	-7.25	-5.50	51.28	76.50	-680.50	0.92	-84.68	-103.76
44698	81.33	-7.25	-5.50	57.21	80.78	-735.73	-3.13	-117.75	-104.90
44699	80.18	-7.25	-5.50	62.72	84.08	-788.77	-7.82	-154.72	-104.99
44700	79.03	-7.25	-5.50	67.57	86.40	-838.87	-13.10	-195.09	-103.93
44701	97.23	-3.96	-6.90	-7.84	30.16	-20.63	8.67	-4.06	-23.02
44702	96.02	-3.96	-6.90	-8.22	48.42	-55.47	10.99	10.80	-29.03
44703	94.81	-3.96	-6.90	-6.77	66.34	-98.53	12.45	23.50	-34.79
44704	93.60	-3.96	-6.90	-4.57	83.59	-146.96	13.37	32.45	-39.92
44705	92.39	-3.96	-6.90	-2.23	100.01	-198.42	14.02	37.42	-44.46
44706	91.18	-3.96	-6.90	0.24	115.60	-251.71	14.51	38.48	-48.57
44707	89.96	-3.96	-6.90	2.93	130.33	-306.32	14.83	35.51	-52.34
44708	88.75	-3.96	-6.90	5.84	144.20	-361.97	14.94	28.26	-55.84
44709	87.54	-3.96	-6.90	8.85	157.19	-418.41	14.81	16.44	-59.05
44710	86.33	-3.96	-6.90	11.77	169.24	-475.32	14.41	-0.23	-61.90
44711	85.12	-3.95	-6.90	14.32	180.32	-532.34	13.71	-21.91	-64.33
44712	83.90	-3.95	-6.90	16.19	190.36	-588.99	12.71	-48.69	-66.23
44713	82.69	-3.95	-6.90	17.03	199.34	-644.73	11.41	-80.54	-67.51
44714	81.48	-3.95	-6.90	16.48	207.19	-698.94	9.85	-117.25	-68.08
44715	80.27	-3.95	-6.90	14.15	213.88	-750.89	8.06	-158.48	-67.87
44716	79.06	-3.95	-6.90	9.70	219.39	-799.83	6.10	-203.68	-66.82
44717	96.98	-5.08	-6.90	-6.31	28.38	-25.75	10.03	-4.67	-26.36
44718	95.78	-5.08	-6.90	-6.32	45.59	-61.03	12.85	9.26	-32.56
44719	94.59	-5.08	-6.90	-4.81	62.58	-103.96	14.67	20.98	-38.57
44720	93.39	-5.08	-6.90	-2.77	79.01	-151.86	15.82	29.08	-43.94
44721	92.20	-5.07	-6.90	-0.69	94.69	-202.57	16.63	33.37	-48.67
44722	91.00	-5.07	-6.90	1.46	109.56	-254.95	17.21	33.90	-52.92
44723	89.81	-5.07	-6.90	3.77	123.60	-308.54	17.58	30.57	-56.82
44724	88.61	-5.07	-6.90	6.26	136.81	-363.08	17.69	23.15	-60.42
44725	87.42	-5.07	-6.90	8.82	149.14	-418.33	17.50	11.38	-63.70
44726	86.22	-5.06	-6.90	11.27	160.58	-474.01	17.00	-4.98	-66.60
44727	85.03	-5.06	-6.90	13.35	171.07	-529.78	16.15	-26.09	-69.03
44728	83.83	-5.06	-6.90	14.78	180.58	-585.20	14.95	-52.01	-70.89
44729	82.63	-5.06	-6.90	15.23	189.05	-639.78	13.41	-82.70	-72.07
44730	81.44	-5.06	-6.90	14.36	196.46	-692.93	11.56	-117.97	-72.47
44731	80.24	-5.05	-6.90	11.86	202.75	-744.01	9.43	-157.48	-72.01
44732	79.05	-5.05	-6.90	7.39	207.91	-792.30	7.12	-200.71	-70.62
44733	96.66	-6.18	-6.90	-4.52	26.49	-34.43	11.10	-4.33	-30.33
44734	95.49	-6.18	-6.90	-4.05	42.45	-70.47	14.23	8.43	-36.66
44735	94.31	-6.18	-6.90	-2.48	58.32	-113.38	16.29	18.89	-42.81
44736	93.14	-6.18	-6.90	-0.62	73.74	-160.72	17.62	25.89	-48.31
44737	91.96	-6.17	-6.90	1.17	88.50	-210.53	18.55	29.28	-53.13
44738	90.79	-6.17	-6.90	2.94	102.50	-261.81	19.22	29.11	-57.44
44739	89.61	-6.17	-6.90	4.83	115.72	-314.15	19.63	25.30	-61.38
44740	88.44	-6.17	-6.90	6.84	128.14	-367.34	19.74	17.63	-65.02
44741	87.26	-6.17	-6.90	8.89	139.72	-421.17	19.52	5.88	-68.32
44742	86.09	-6.16	-6.90	10.81	150.44	-475.39	18.94	-10.17	-71.21
44743	84.91	-6.16	-6.90	12.36	160.26	-529.67	17.97	-30.64	-73.61
44744	83.74	-6.16	-6.90	13.29	169.15	-583.64	16.62	-55.60	-75.40
44745	82.56	-6.16	-6.90	13.30	177.05	-636.85	14.88	-84.98	-76.47
44746	81.39	-6.16	-6.90	12.09	183.95	-688.76	12.79	-118.60	-76.72
44747	80.21	-6.15	-6.90	9.38	189.79	-738.81	10.41	-156.13	-76.04
44748	79.04	-6.15	-6.90	4.90	194.57	-786.35	7.80	-197.08	-74.38

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
44749	96.28	-7.26	-6.90	-2.52	24.53	-46.54	11.87	-3.19	-35.18
44750	95.13	-7.26	-6.90	-1.54	39.12	-83.63	15.09	8.21	-41.59
44751	93.98	-7.26	-6.90	0.14	53.71	-126.67	17.23	17.21	-47.78
44752	92.83	-7.26	-6.90	1.83	67.97	-173.46	18.65	22.92	-53.26
44753	91.68	-7.26	-6.90	3.30	81.65	-222.30	19.66	25.23	-58.04
44754	90.53	-7.26	-6.90	4.67	94.64	-272.35	20.41	24.20	-62.30
44755	89.38	-7.26	-6.90	6.07	106.92	-323.29	20.87	19.78	-66.21
44756	88.23	-7.26	-6.90	7.56	118.44	-374.96	20.99	11.79	-69.81
44757	87.08	-7.26	-6.90	9.04	129.17	-427.18	20.75	0.02	-73.06
44758	85.93	-7.26	-6.90	10.38	139.08	-479.74	20.12	-15.70	-75.91
44759	84.78	-7.26	-6.90	11.36	148.15	-532.36	19.08	-35.50	-78.24
44760	83.63	-7.25	-6.90	11.74	156.35	-584.71	17.61	-59.40	-79.94
44761	82.48	-7.25	-6.90	11.28	163.63	-636.38	15.74	-87.34	-80.90
44762	81.33	-7.25	-6.90	9.71	169.97	-686.92	13.49	-119.13	-81.01
44763	80.18	-7.25	-6.90	6.78	175.33	-735.81	10.91	-154.46	-80.17
44764	79.03	-7.25	-6.90	2.28	179.69	-782.51	8.09	-192.89	-78.32
44765	97.23	-3.96	-8.30	-16.43	102.75	-33.35	15.60	-4.26	-19.73
44766	96.02	-3.96	-8.30	-16.96	121.65	-67.58	17.75	7.54	-24.09
44767	94.81	-3.96	-8.30	-16.18	140.45	-107.42	19.34	18.18	-28.47
44768	93.60	-3.96	-8.30	-14.63	158.95	-151.44	20.48	26.20	-32.61
44769	92.39	-3.96	-8.30	-12.88	176.97	-198.25	21.30	30.83	-36.38
44770	91.18	-3.96	-8.30	-11.29	194.40	-246.81	21.88	31.74	-39.79
44771	89.96	-3.96	-8.30	-10.05	211.16	-296.52	22.29	28.76	-42.89
44772	88.75	-3.96	-8.30	-9.33	227.19	-347.02	22.52	21.68	-45.69
44773	87.54	-3.96	-8.30	-9.37	242.41	-398.07	22.58	10.32	-48.17
44774	86.33	-3.96	-8.30	-10.46	256.77	-449.41	22.46	-5.50	-50.30
44775	85.12	-3.95	-8.30	-12.96	270.18	-500.79	22.18	-25.90	-52.02
44776	83.90	-3.95	-8.30	-17.26	282.60	-551.87	21.73	-50.93	-53.24
44777	82.69	-3.95	-8.30	-23.79	293.95	-602.27	21.15	-80.51	-53.89
44778	81.48	-3.95	-8.30	-32.97	304.18	-651.55	20.48	-114.45	-53.91
44779	80.27	-3.95	-8.30	-45.24	313.25	-699.19	19.76	-152.42	-53.23
44780	79.06	-3.95	-8.30	-61.01	321.11	-744.65	19.09	-193.93	-51.82
44781	96.98	-5.08	-8.30	-15.33	101.08	-37.68	17.99	-4.83	-22.64
44782	95.78	-5.08	-8.30	-15.59	119.09	-72.13	20.57	6.42	-26.87
44783	94.59	-5.08	-8.30	-14.72	137.04	-111.85	22.53	16.39	-31.20
44784	93.39	-5.08	-8.30	-13.25	154.71	-155.46	23.97	23.75	-35.31
44785	92.20	-5.07	-8.30	-11.69	171.95	-201.64	25.02	27.80	-39.07
44786	91.00	-5.07	-8.30	-10.35	188.62	-249.45	25.80	28.26	-42.46
44787	89.81	-5.07	-8.30	-9.40	204.64	-298.31	26.35	24.95	-45.53
44788	88.61	-5.07	-8.30	-9.01	219.96	-347.90	26.70	17.73	-48.30
44789	87.42	-5.07	-8.30	-9.38	234.49	-397.99	26.85	6.42	-50.75
44790	86.22	-5.06	-8.30	-10.79	248.19	-448.35	26.80	-9.12	-52.82
44791	85.03	-5.06	-8.30	-13.57	260.99	-498.72	26.56	-29.00	-54.44
44792	83.83	-5.06	-8.30	-18.09	272.83	-548.82	26.14	-53.25	-55.52
44793	82.63	-5.06	-8.30	-24.72	283.65	-598.29	25.57	-81.81	-55.99
44794	81.44	-5.06	-8.30	-33.87	293.39	-646.73	24.89	-114.48	-55.77
44795	80.24	-5.05	-8.30	-45.90	302.02	-693.68	24.17	-150.94	-54.78
44796	79.05	-5.05	-8.30	-61.20	309.49	-738.62	23.51	-190.73	-53.01
44797	96.66	-6.18	-8.30	-13.97	99.53	-45.10	20.21	-4.56	-26.14
44798	95.49	-6.18	-8.30	-13.87	116.52	-80.00	23.08	5.99	-30.26
44799	94.31	-6.18	-8.30	-12.87	133.45	-119.67	25.29	15.10	-34.52
44800	93.14	-6.18	-8.30	-11.47	150.15	-162.85	26.93	21.61	-38.56
44801	91.96	-6.17	-8.30	-10.10	166.43	-208.31	28.17	24.92	-42.24
44802	90.79	-6.17	-8.30	-9.03	182.19	-255.22	29.11	24.77	-45.55
44803	89.61	-6.17	-8.30	-8.41	197.35	-303.06	29.81	21.02	-48.54
44804	88.44	-6.17	-8.30	-8.37	211.82	-351.56	30.27	13.58	-51.23
44805	87.26	-6.17	-8.30	-9.11	225.55	-400.50	30.52	2.28	-53.59
44806	86.09	-6.16	-8.30	-10.87	238.49	-449.68	30.55	-12.98	-55.57
44807	84.91	-6.16	-8.30	-13.96	250.57	-498.86	30.37	-32.29	-57.07
44808	83.74	-6.16	-8.30	-18.70	261.74	-547.80	30.00	-55.68	-58.02
44809	82.56	-6.16	-8.30	-25.43	271.95	-596.17	29.46	-83.08	-58.31
44810	81.39	-6.16	-8.30	-34.49	281.14	-643.62	28.81	-114.30	-57.88
44811	80.21	-6.15	-8.30	-46.23	289.26	-689.74	28.13	-149.03	-56.65
44812	79.04	-6.15	-8.30	-60.96	296.28	-734.07	27.50	-186.85	-54.58
44813	96.28	-7.26	-8.30	-12.35	98.12	-55.53	22.28	-3.59	-30.45
44814	95.13	-7.26	-8.30	-11.86	113.98	-91.04	25.27	6.14	-34.51
44815	93.98	-7.26	-8.30	-10.71	129.81	-130.77	27.57	14.27	-38.69
44816	92.83	-7.26	-8.30	-9.35	145.39	-173.53	29.33	19.81	-42.61
44817	91.68	-7.26	-8.30	-8.17	160.60	-218.24	30.69	22.23	-46.14
44818	90.53	-7.26	-8.30	-7.38	175.32	-264.17	31.75	21.32	-49.30
44819	89.38	-7.26	-8.30	-7.10	189.49	-310.88	32.57	17.03	-52.16
44820	88.23	-7.26	-8.30	-7.44	203.02	-358.16	33.15	9.29	-54.72
44821	87.08	-7.26	-8.30	-8.57	215.84	-405.81	33.50	-2.03	-56.95
44822	85.93	-7.26	-8.30	-10.70	227.92	-453.66	33.63	-17.01	-58.80
44823	84.78	-7.26	-8.30	-14.11	239.20	-501.52	33.53	-35.72	-60.17
44824	83.63	-7.25	-8.30	-19.07	249.63	-549.15	33.23	-58.17	-60.98
44825	82.48	-7.25	-8.30	-25.87	259.15	-596.29	32.76	-84.30	-61.12
44826	81.33	-7.25	-8.30	-34.82	267.72	-642.63	32.18	-113.92	-60.52
44827	80.18	-7.25	-8.30	-46.20	275.29	-687.82	31.56	-146.75	-59.12
44828	79.03	-7.25	-8.30	-60.25	281.83	-731.47	31.01	-182.38	-56.87
44829	101.69	-3.96	-2.70	2.14	-266.06	2.40	-38.48	-1.69	-2.63
44830	100.83	-3.96	-2.70	22.24	-261.50	3.20	-37.68	-6.61	-1.71
44831	99.98	-3.96	-2.70	49.29	-247.04	3.63	-34.61	-12.34	-1.38
44832	99.12	-3.96	-2.70	85.18	-221.95	3.57	-26.81	-20.49	-0.48
44833	98.27	-3.96	-2.70	137.09	-175.63	45.79	-1.86	-54.03	-13.18
44834	101.47	-5.07	-2.70	-0.63	-261.56	2.44	-47.17	-2.21	-4.80
44835	100.60	-5.07	-2.70	20.76	-258.37	3.22	-44.16	-7.06	-3.05
44836	99.74	-5.08	-2.70	49.45	-245.63	3.56	-38.76	-12.72	-2.35
44837	98.87	-5.08	-2.70	87.31	-223.63	3.64	-27.83	-20.43	-0.86
44838	98.01	-5.08	-2.70	142.63	-186.16	41.16	4.03	-52.63	-17.83
44839	101.20	-6.17	-2.70	-3.93	-256.13	2.42	-55.47	-2.94	-6.88
44840	100.32	-6.18	-2.70	19.30	-254.78	3.17	-50.41	-7.65	-4.25
44841	99.44	-6.18	-2.70	49.86	-244.35	3.35	-42.93	-13.15	-3.25
44842	98.57	-6.18	-2.70	89.68	-226.29	3.64	-29.25	-20.05	-1.36
44843	97.69	-6.18	-2.70	147.55	-200.41	33.29	8.69	-49.22	-23.49
44844	100.87	-7.26	-2.70	-7.52	-249.86	2.39	-63.35	-3.80	-8.79
44845	99.98	-7.26	-2.70	17.74	-250.94	3.04	-56.26	-8.47	-5.23
44846	99.09	-7.26	-2.70	50.49	-243.11	3.03	-47.13	-13.61	-4.12
44847	98.20	-7.26	-2.70	92.24	-229.82	3.53	-31.13	-19.37	-2.05

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
44848	97.31	-7.26	-2.70	151.75	-218.23	22.29	11.95	-44.03	-30.56
44849	101.69	-3.96	-4.10	2.96	-195.30	13.12	-28.55	-6.56	-7.18
44850	100.83	-3.96	-4.10	19.15	-187.29	13.76	-27.47	-17.11	-5.53
44851	99.98	-3.96	-4.10	36.41	-172.92	12.95	-24.30	-28.18	-4.77
44852	99.12	-3.96	-4.10	51.17	-150.52	21.68	-16.58	-41.33	-6.57
44853	98.27	-3.96	-4.10	41.95	-123.02	33.78	-4.95	-36.76	-15.80
44854	101.47	-5.07	-4.10	0.75	-191.59	13.27	-35.47	-7.86	-12.08
44855	100.60	-5.07	-4.10	17.63	-184.38	13.81	-33.03	-18.20	-8.75
44856	99.74	-5.08	-4.10	35.68	-171.16	12.86	-28.24	-28.87	-6.89
44857	98.87	-5.08	-4.10	51.52	-150.98	20.43	-18.21	-40.98	-8.47
44858	98.01	-5.08	-4.10	44.62	-126.23	29.25	-4.14	-35.90	-19.14
44859	101.20	-6.17	-4.10	-2.02	-187.04	13.22	-41.99	-9.61	-16.91
44860	100.32	-6.18	-4.10	15.72	-180.96	13.53	-38.23	-19.51	-11.92
44861	99.44	-6.18	-4.10	34.51	-169.28	12.28	-31.91	-29.42	-9.17
44862	98.57	-6.18	-4.10	51.29	-152.02	17.86	-19.76	-39.58	-10.97
44863	97.69	-6.18	-4.10	47.24	-130.65	21.33	-3.89	-33.39	-23.40
44864	100.87	-7.26	-4.10	-5.15	-181.67	12.99	-48.00	-11.77	-21.48
44865	99.98	-7.26	-4.10	13.38	-177.03	12.89	-42.92	-21.18	-14.90
44866	99.09	-7.26	-4.10	32.95	-167.22	11.22	-35.29	-29.81	-11.58
44867	98.20	-7.26	-4.10	50.58	-153.63	13.98	-21.25	-37.22	-14.12
44868	97.31	-7.26	-4.10	49.76	-136.19	10.09	-4.26	-29.37	-28.83
44869	101.69	-3.96	-5.50	1.58	-129.86	32.23	-19.02	-9.82	-9.98
44870	100.83	-3.96	-5.50	10.88	-117.85	28.98	-17.35	-22.36	-8.15
44871	99.98	-3.96	-5.50	18.15	-101.92	26.14	-13.98	-32.53	-7.83
44872	99.12	-3.96	-5.50	17.95	-82.11	25.28	-8.19	-36.00	-10.24
44873	98.27	-3.96	-5.50	12.09	-59.04	18.35	-1.26	-25.56	-16.93
44874	101.47	-5.07	-5.50	-0.03	-127.36	32.28	-23.87	-11.59	-16.73
44875	100.60	-5.07	-5.50	9.58	-115.78	28.84	-21.41	-23.84	-12.99
44876	99.74	-5.08	-5.50	17.26	-100.60	25.53	-16.90	-33.44	-11.33
44877	98.87	-5.08	-5.50	17.93	-81.95	23.44	-9.67	-36.13	-13.13
44878	98.01	-5.08	-5.50	13.41	-60.37	14.21	-1.22	-25.34	-20.14
44879	101.20	-6.17	-5.50	-2.05	-123.98	32.16	-28.40	-13.92	-23.30
44880	100.32	-6.18	-5.50	7.87	-113.00	28.27	-25.12	-25.52	-17.71
44881	99.44	-6.18	-5.50	15.90	-98.81	24.08	-19.51	-34.04	-14.96
44882	98.57	-6.18	-5.50	17.58	-81.66	19.92	-11.02	-35.31	-16.46
44883	97.69	-6.18	-5.50	14.73	-61.98	7.01	-1.37	-23.83	-24.02
44884	100.87	-7.26	-5.50	-4.32	-119.76	31.93	-32.50	-16.72	-29.78
44885	99.98	-7.26	-5.50	5.73	-109.58	27.29	-28.35	-27.51	-22.45
44886	99.09	-7.26	-5.50	14.15	-96.59	21.86	-21.78	-34.34	-18.98
44887	98.20	-7.26	-5.50	16.98	-81.32	14.76	-12.21	-33.60	-20.52
44888	97.31	-7.26	-5.50	16.08	-63.87	-3.20	-1.74	-21.17	-28.93
44889	101.69	-3.96	-6.90	0.20	-67.72	55.13	-9.99	-10.45	-11.60
44890	100.83	-3.96	-6.90	3.21	-51.54	45.40	-7.76	-22.67	-9.83
44891	99.98	-3.96	-6.90	3.58	-33.22	36.00	-4.40	-29.78	-9.79
44892	99.12	-3.96	-6.90	0.50	-12.72	24.83	0.04	-29.44	-11.96
44893	98.27	-3.96	-6.90	-4.52	9.53	6.37	4.92	-19.39	-16.77
44894	101.47	-5.07	-6.90	-0.72	-66.29	55.13	-12.73	-12.45	-19.24
44895	100.60	-5.07	-6.90	2.39	-50.32	45.09	-9.99	-24.36	-15.61
44896	99.74	-5.08	-6.90	3.01	-32.42	35.10	-5.85	-30.94	-14.15
44897	98.87	-5.08	-6.90	0.46	-12.59	22.81	-0.42	-29.98	-15.44
44898	98.01	-5.08	-6.90	-3.73	8.79	2.63	5.48	-19.57	-19.98
44899	101.20	-6.17	-6.90	-1.92	-64.24	54.85	-15.24	-15.03	-26.75
44900	100.32	-6.18	-6.90	1.27	-48.54	44.16	-11.95	-26.23	-21.34
44901	99.44	-6.18	-6.90	2.13	-31.17	33.11	-7.06	-31.82	-18.67
44902	98.57	-6.18	-6.90	0.24	-12.17	18.99	-0.77	-29.75	-19.34
44903	97.69	-6.18	-6.90	-2.86	8.13	-3.90	5.99	-18.72	-23.78
44904	100.87	-7.26	-6.90	-3.25	-61.64	54.31	-17.45	-18.11	-34.08
44905	99.98	-7.26	-6.90	-0.19	-46.29	42.61	-13.52	-28.38	-27.02
44906	99.09	-7.26	-6.90	1.00	-29.50	30.07	-7.99	-32.43	-23.49
44907	98.20	-7.26	-6.90	-0.07	-11.55	13.39	-0.94	-28.81	-23.79
44908	97.31	-7.26	-6.90	-1.91	7.53	-13.16	6.46	-16.95	-28.40
44909	101.69	-3.96	-8.30	-0.63	-7.07	78.03	-1.26	-9.32	-11.82
44910	100.83	-3.96	-8.30	-2.14	13.55	61.20	1.43	-20.21	-10.20
44911	99.98	-3.96	-8.30	-5.25	35.21	44.29	4.81	-25.83	-10.14
44912	99.12	-3.96	-8.30	-9.52	57.86	24.21	8.64	-24.70	-11.81
44913	98.27	-3.96	-8.30	-13.79	81.39	-2.40	12.53	-16.24	-15.30
44914	101.47	-5.07	-8.30	-0.85	-6.82	78.03	-1.85	-11.36	-19.66
44915	100.60	-5.07	-8.30	-2.36	13.74	60.79	1.21	-21.98	-16.34
44916	99.74	-5.08	-8.30	-5.38	35.16	43.24	5.14	-27.13	-14.88
44917	98.87	-5.08	-8.30	-9.36	57.44	22.18	9.67	-25.47	-15.55
44918	98.01	-5.08	-8.30	-13.14	80.45	-5.76	14.31	-16.64	-18.46
44919	101.20	-6.17	-8.30	-1.18	-6.18	77.52	-2.33	-13.97	-27.38
44920	100.32	-6.18	-8.30	-2.73	14.32	59.55	1.15	-23.93	-22.43
44921	99.44	-6.18	-8.30	-5.65	35.52	40.92	5.63	-28.22	-19.75
44922	98.57	-6.18	-8.30	-9.22	57.36	18.30	10.78	-25.63	-19.62
44923	97.69	-6.18	-8.30	-12.36	79.76	-11.71	16.06	-16.19	-22.12
44924	100.87	-7.26	-8.30	-1.51	-5.21	76.49	-2.63	-17.08	-34.92
44925	99.98	-7.26	-8.30	-3.29	15.25	57.44	1.36	-26.18	-28.46
44926	99.09	-7.26	-8.30	-6.00	36.27	37.33	6.27	-29.11	-24.88
44927	98.20	-7.26	-8.30	-9.05	57.55	12.56	12.01	-25.23	-24.16
44928	97.31	-7.26	-8.30	-11.42	79.28	-20.19	17.82	-15.01	-26.46
44929	77.84	-3.95	-2.70	258.43	-21.75	-1070.57	-31.77	-231.03	-121.88
44930	76.63	-3.95	-2.70	287.76	-23.78	-1117.53	-39.39	-290.59	-121.01
44931	75.42	-3.95	-2.70	317.47	-26.68	-1153.78	-47.46	-352.56	-118.92
44932	74.21	-3.95	-2.70	347.52	-30.30	-1177.75	-55.71	-415.61	-115.71
44933	73.00	-3.95	-2.70	377.85	-34.39	-1187.86	-63.81	-478.34	-111.65
44934	71.79	-3.96	-2.70	408.25	-38.63	-1182.40	-71.38	-539.35	-107.19
44935	70.57	-3.96	-2.71	438.01	-42.56	-1159.43	-78.01	-597.15	-103.01
44936	69.36	-3.96	-2.71	465.60	-45.59	-1116.67	-83.43	-649.80	-100.02
44937	68.15	-3.96	-2.71	488.28	-47.16	-1051.67	-87.79	-694.22	-99.27
44938	66.94	-3.96	-2.71	502.19	-47.01	-962.75	-92.16	-724.86	-101.59
44939	65.73	-3.96	-2.71	503.89	-46.20	-851.38	-99.17	-732.28	-106.81
44940	64.52	-3.96	-2.71	495.20	-49.03	-726.86	-113.34	-702.98	-112.43
44941	63.30	-3.96	-2.71	492.37	-64.78	-611.37	-139.33	-625.46	-113.24
44942	62.09	-3.96	-2.71	532.57	-102.79	-534.70	-176.51	-508.09	-106.40
44943	60.88	-3.97	-2.71	653.50	-148.85	-486.63	-218.29	-396.04	-109.57
44944	59.67	-3.97	-2.71	851.24	-189.47	-373.78	-285.27	-304.93	-182.37
44945	77.85	-5.05	-2.70	247.52	-33.79	-1053.39	-40.55	-228.12	-138.84
44946	76.66	-5.05	-2.70	275.16	-36.13	-1099.85	-50.04	-284.55	-137.89

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
44947	75.46	-5.06	-2.71	303.26	-39.39	-1136.35	-60.18	-343.16	-135.54
44948	74.27	-5.06	-2.71	331.85	-43.49	-1161.45	-70.74	-402.73	-131.91
44949	73.07	-5.06	-2.71	361.00	-48.28	-1173.67	-81.38	-462.00	-127.27
44950	71.88	-5.06	-2.71	390.65	-53.54	-1171.41	-91.67	-519.76	-122.07
44951	70.68	-5.07	-2.71	420.34	-58.94	-1152.82	-101.12	-574.73	-117.06
44952	69.49	-5.07	-2.72	448.84	-63.98	-1115.63	-109.22	-625.36	-113.30
44953	68.29	-5.07	-2.72	473.63	-67.93	-1057.36	-115.67	-669.00	-112.21
44954	67.10	-5.07	-2.72	490.64	-69.83	-976.02	-120.75	-700.69	-115.38
44955	65.90	-5.08	-2.72	494.92	-68.88	-872.61	-126.16	-711.09	-124.00
44956	64.71	-5.08	-2.72	484.00	-65.57	-756.19	-136.19	-685.05	-137.36
44957	63.51	-5.08	-2.73	466.49	-64.76	-651.21	-157.83	-604.72	-150.73
44958	62.32	-5.08	-2.73	475.04	-80.02	-598.52	-194.82	-466.68	-157.83
44959	61.12	-5.09	-2.73	566.86	-126.84	-599.09	-233.10	-321.24	-176.80
44960	59.93	-5.09	-2.73	761.60	-232.49	-473.27	-279.64	-244.76	-244.95
44961	77.86	-6.15	-2.70	234.17	-48.62	-1037.15	-49.29	-224.72	-154.72
44962	76.69	-6.15	-2.70	259.81	-51.28	-1083.17	-60.47	-277.52	-153.68
44963	75.51	-6.16	-2.71	285.93	-54.89	-1120.09	-72.54	-332.23	-151.13
44964	74.34	-6.16	-2.71	312.63	-59.41	-1146.62	-85.30	-387.71	-147.15
44965	73.17	-6.16	-2.71	340.08	-64.80	-1161.42	-98.46	-442.83	-141.98
44966	71.99	-6.16	-2.71	368.41	-70.97	-1163.04	-111.64	-496.52	-136.04
44967	70.82	-6.17	-2.71	397.45	-77.76	-1149.77	-124.35	-547.75	-130.05
44968	69.64	-6.17	-2.72	426.44	-84.90	-1119.48	-135.98	-595.32	-125.09
44969	68.47	-6.17	-2.72	453.57	-91.88	-1069.66	-145.83	-637.27	-122.77
44970	67.29	-6.17	-2.72	475.51	-97.80	-998.03	-153.25	-669.73	-125.30
44971	66.12	-6.18	-2.72	487.55	-101.18	-904.45	-157.94	-685.00	-135.51
44972	64.94	-6.18	-2.72	485.44	-100.15	-795.69	-160.78	-669.29	-156.38
44973	63.77	-6.18	-2.73	471.71	-94.54	-693.40	-164.98	-603.10	-189.53
44974	62.60	-6.19	-2.73	470.12	-94.99	-639.88	-176.93	-473.84	-232.41
44975	61.42	-6.19	-2.73	540.71	-142.61	-650.22	-204.39	-322.43	-280.09
44976	60.25	-6.19	-2.73	728.81	-280.73	-550.07	-277.73	-250.25	-317.11
44977	77.87	-7.25	-2.70	218.51	-66.14	-1022.57	-57.90	-220.93	-169.60
44978	76.72	-7.25	-2.70	241.84	-69.07	-1068.21	-70.53	-269.71	-168.53
44979	75.57	-7.25	-2.70	265.61	-72.94	-1105.70	-84.27	-320.07	-165.87
44980	74.42	-7.25	-2.70	289.97	-77.76	-1133.91	-99.00	-370.95	-161.69
44981	73.27	-7.26	-2.70	315.14	-83.53	-1151.67	-114.50	-421.32	-156.17
44982	72.12	-7.26	-2.70	341.37	-90.27	-1157.73	-130.48	-470.21	-149.68
44983	70.97	-7.26	-2.71	368.75	-98.01	-1150.57	-146.60	-516.75	-142.83
44984	69.82	-7.26	-2.71	397.02	-106.75	-1128.31	-162.33	-560.02	-136.58
44985	68.67	-7.26	-2.71	425.23	-116.44	-1088.65	-176.99	-598.70	-132.45
44986	67.52	-7.26	-2.71	451.51	-126.83	-1029.17	-189.55	-630.19	-132.73
44987	66.37	-7.26	-2.71	473.10	-137.36	-948.65	-198.66	-649.32	-140.93
44988	65.22	-7.26	-2.71	487.88	-147.09	-850.31	-202.53	-646.68	-162.43
44989	64.07	-7.26	-2.71	498.62	-155.31	-747.79	-199.66	-608.49	-204.97
44990	62.92	-7.27	-2.71	523.06	-165.80	-671.02	-192.60	-523.80	-275.77
44991	61.77	-7.27	-2.71	604.02	-201.85	-641.51	-198.87	-413.19	-363.59
44992	60.62	-7.27	-2.71	756.03	-340.47	-548.41	-267.26	-352.19	-401.12
44993	77.84	-3.95	-4.10	175.69	47.37	-986.16	-21.68	-248.42	-100.80
44994	76.63	-3.95	-4.10	192.71	46.65	-1030.16	-27.43	-305.66	-98.99
44995	75.42	-3.95	-4.10	209.03	44.92	-1065.15	-33.42	-364.92	-96.08
44996	74.21	-3.95	-4.10	224.41	42.27	-1089.68	-39.44	-424.88	-92.22
44997	73.00	-3.95	-4.10	238.49	38.86	-1102.22	-45.24	-484.07	-87.64
44998	71.79	-3.96	-4.10	250.73	34.87	-1101.14	-50.54	-540.83	-82.74
44999	70.57	-3.96	-4.10	260.26	30.53	-1084.71	-55.11	-593.19	-78.08
45000	69.36	-3.96	-4.11	265.73	26.05	-1051.25	-58.81	-638.60	-74.37
45001	68.15	-3.96	-4.11	265.52	21.51	-999.60	-61.81	-673.47	-72.39
45002	66.94	-3.96	-4.11	258.36	16.63	-930.12	-64.78	-692.79	-72.74
45003	65.73	-3.96	-4.11	245.08	10.27	-846.47	-69.01	-690.28	-75.44
45004	64.52	-3.96	-4.11	231.68	-0.17	-757.42	-76.14	-660.53	-79.57
45005	63.30	-3.96	-4.11	231.87	-18.69	-675.65	-86.95	-604.86	-83.66
45006	62.09	-3.96	-4.11	263.09	-48.43	-606.48	-99.93	-538.70	-88.23
45007	60.88	-3.96	-4.11	329.90	-89.96	-530.33	-111.78	-484.66	-97.93
45008	59.67	-3.97	-4.11	418.33	-139.51	-409.91	-117.68	-439.05	-110.62
45009	77.85	-5.05	-4.10	167.65	35.35	-972.75	-27.83	-244.30	-112.33
45010	76.66	-5.05	-4.10	183.69	34.36	-1016.51	-34.98	-298.60	-110.20
45011	75.46	-5.06	-4.10	199.19	32.33	-1051.92	-42.50	-354.74	-106.83
45012	74.27	-5.06	-4.11	213.98	29.31	-1077.62	-50.19	-411.48	-102.36
45013	73.07	-5.06	-4.11	227.83	25.39	-1092.20	-57.78	-467.51	-97.03
45014	71.88	-5.06	-4.11	240.34	20.70	-1094.11	-64.95	-521.34	-91.26
45015	70.68	-5.07	-4.11	250.79	15.40	-1081.69	-71.38	-571.24	-85.69
45016	69.49	-5.07	-4.11	258.04	9.68	-1053.26	-76.78	-614.96	-81.16
45017	68.29	-5.07	-4.11	260.52	3.77	-1007.52	-81.07	-649.33	-78.73
45018	67.10	-5.07	-4.12	256.70	-2.22	-944.50	-84.55	-669.69	-79.54
45019	65.90	-5.08	-4.12	246.49	-8.53	-867.41	-88.27	-669.76	-84.38
45020	64.71	-5.08	-4.12	234.17	-16.41	-784.81	-94.13	-643.12	-93.12
45021	63.51	-5.08	-4.12	232.15	-28.99	-710.83	-104.16	-588.58	-104.20
45022	62.32	-5.08	-4.12	260.89	-51.14	-654.11	-118.29	-520.61	-116.34
45023	61.12	-5.08	-4.12	332.74	-89.26	-592.02	-135.03	-470.16	-130.15
45024	59.93	-5.09	-4.13	432.17	-146.02	-467.47	-152.52	-445.90	-140.12
45025	77.86	-6.15	-4.10	157.91	20.76	-960.56	-34.04	-239.41	-123.07
45026	76.69	-6.15	-4.10	172.79	19.48	-1004.15	-42.45	-290.31	-120.66
45027	75.51	-6.16	-4.10	187.28	17.16	-1040.13	-51.39	-342.81	-116.91
45028	74.34	-6.16	-4.11	201.28	13.81	-1067.30	-60.67	-395.79	-111.91
45029	73.17	-6.16	-4.11	214.67	9.46	-1084.36	-70.05	-448.04	-105.91
45030	71.99	-6.16	-4.11	227.24	4.16	-1089.91	-79.21	-498.26	-99.30
45031	70.82	-6.17	-4.11	238.49	-2.04	-1082.38	-87.79	-544.96	-92.71
45032	69.64	-6.17	-4.11	247.60	-9.03	-1060.14	-95.41	-586.30	-87.04
45033	68.47	-6.17	-4.11	253.32	-16.68	-1021.77	-101.72	-619.63	-83.53
45034	67.29	-6.17	-4.12	254.27	-24.78	-966.83	-106.53	-641.06	-83.77
45035	66.12	-6.18	-4.12	249.97	-33.16	-897.45	-110.12	-645.12	-89.55
45036	64.94	-6.18	-4.12	243.10	-42.14	-820.56	-113.58	-625.50	-102.47
45037	63.77	-6.18	-4.12	243.39	-53.61	-749.04	-119.24	-579.14	-122.92
45038	62.59	-6.18	-4.12	270.39	-72.84	-693.86	-130.21	-516.51	-148.58
45039	61.42	-6.19	-4.12	341.30	-107.48	-637.99	-149.62	-468.63	-171.78
45040	60.25	-6.19	-4.12	442.04	-160.37	-520.02	-174.63	-454.57	-175.48
45041	77.87	-7.25	-4.10	146.58	3.80	-950.27	-40.27	-233.88	-133.10
45042	76.72	-7.25	-4.10	160.11	2.26	-993.74	-49.75	-281.01	-130.51
45043	75.57	-7.25	-4.10	173.38	-0.28	-1030.44	-59.92	-329.45	-126.49
45044	74.42	-7.25	-4.10	186.34	-3.85	-1059.31	-70.63	-378.19	-121.14
45045	73.27	-7.25	-4.10	198.98	-8.46	-1079.21	-81.66	-426.13	-114.64



Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
45046	72.12	-7.26	-4.10	211.22	-14.13	-1088.91	-92.76	-472.12	-107.36
45047	70.97	-7.26	-4.10	222.83	-20.90	-1087.01	-103.60	-514.89	-99.85
45048	69.82	-7.26	-4.11	233.33	-28.82	-1071.99	-113.81	-552.93	-92.95
45049	68.67	-7.26	-4.11	241.98	-37.94	-1042.43	-122.96	-584.22	-87.90
45050	67.52	-7.26	-4.11	247.96	-48.32	-997.50	-130.57	-605.84	-86.43
45051	66.37	-7.26	-4.11	251.06	-60.01	-938.05	-136.32	-613.68	-90.84
45052	65.22	-7.26	-4.11	253.36	-73.29	-868.32	-140.46	-602.98	-103.98
45053	64.07	-7.26	-4.11	261.86	-89.47	-797.01	-144.71	-570.86	-128.39
45054	62.92	-7.26	-4.11	290.79	-112.39	-733.16	-154.05	-523.20	-163.22
45055	61.77	-7.27	-4.11	355.32	-149.20	-670.18	-176.57	-481.66	-196.50
45056	60.62	-7.27	-4.11	450.75	-192.80	-564.66	-211.12	-467.09	-201.32
45057	77.84	-3.95	-5.50	89.38	129.66	-911.06	-9.54	-255.49	-81.81
45058	76.63	-3.95	-5.50	93.30	130.71	-952.87	-13.36	-309.84	-79.37
45059	75.42	-3.95	-5.50	95.35	130.66	-987.31	-17.22	-365.77	-75.97
45060	74.21	-3.95	-5.50	95.19	129.58	-1013.12	-20.93	-421.93	-71.76
45061	73.00	-3.95	-5.50	92.38	127.55	-1028.94	-24.29	-476.76	-66.97
45062	71.79	-3.96	-5.50	86.37	124.69	-1033.38	-27.10	-528.41	-61.93
45063	70.57	-3.96	-5.50	76.41	121.07	-1025.06	-29.21	-574.70	-57.10
45064	69.36	-3.96	-5.50	61.66	116.71	-1002.82	-30.54	-612.95	-53.07
45065	68.15	-3.96	-5.50	41.39	111.48	-966.18	-31.24	-639.93	-50.45
45066	66.94	-3.96	-5.50	15.61	104.94	-915.93	-31.71	-652.04	-49.75
45067	65.73	-3.96	-5.51	-14.05	96.12	-854.88	-32.59	-646.10	-51.29
45068	64.51	-3.96	-5.51	-43.55	83.44	-787.69	-34.59	-621.37	-55.03
45069	63.30	-3.96	-5.51	-67.50	64.82	-718.32	-38.10	-581.96	-60.95
45070	62.09	-3.96	-5.51	-83.89	38.05	-645.16	-42.97	-536.33	-69.32
45071	60.88	-3.96	-5.51	-99.42	1.49	-560.14	-48.73	-488.41	-80.20
45072	59.67	-3.96	-5.51	-127.50	-46.55	-471.67	-53.67	-422.03	-92.47
45073	77.85	-5.05	-5.50	84.33	117.81	-900.80	-12.49	-250.62	-88.78
45074	76.66	-5.05	-5.50	87.99	118.60	-942.54	-17.21	-302.29	-85.88
45075	75.46	-5.06	-5.50	90.02	118.29	-977.47	-22.02	-355.40	-81.91
45076	74.27	-5.06	-5.50	90.16	116.92	-1004.42	-26.73	-408.71	-77.02
45077	73.07	-5.06	-5.51	88.07	114.56	-1022.12	-31.12	-460.78	-71.43
45078	71.88	-5.06	-5.51	83.30	111.26	-1029.25	-34.94	-509.95	-65.54
45079	70.68	-5.06	-5.51	75.24	107.10	-1024.46	-37.97	-554.26	-59.87
45080	69.49	-5.07	-5.51	63.13	102.13	-1006.58	-40.03	-591.31	-55.11
45081	68.29	-5.07	-5.51	46.22	96.31	-974.97	-41.14	-618.16	-52.11
45082	67.10	-5.07	-5.51	24.30	89.47	-930.15	-41.54	-631.42	-51.71
45083	65.90	-5.07	-5.51	-1.49	81.10	-874.57	-41.88	-627.89	-54.59
45084	64.71	-5.08	-5.51	-27.71	70.08	-812.67	-43.09	-606.33	-61.03
45085	63.51	-5.08	-5.51	-48.99	54.63	-748.65	-46.10	-570.23	-70.80
45086	62.32	-5.08	-5.52	-62.45	32.24	-680.83	-51.43	-528.49	-83.22
45087	61.12	-5.08	-5.52	-74.97	0.26	-598.78	-58.75	-487.02	-96.84
45088	59.93	-5.09	-5.52	-103.38	-44.00	-506.74	-64.81	-430.17	-110.04
45089	77.86	-6.15	-5.50	78.37	103.72	-891.98	-15.61	-244.82	-95.34
45090	76.69	-6.15	-5.50	81.72	104.24	-933.71	-21.13	-293.39	-92.06
45091	75.51	-6.16	-5.50	83.70	103.68	-969.29	-26.83	-343.23	-87.63
45092	74.34	-6.16	-5.50	84.13	102.07	-997.64	-32.50	-393.20	-82.17
45093	73.16	-6.16	-5.51	82.79	99.42	-1017.62	-37.93	-442.01	-75.91
45094	71.99	-6.16	-5.51	79.36	95.77	-1028.01	-42.85	-488.18	-69.24
45095	70.81	-6.17	-5.51	73.41	91.14	-1027.52	-46.99	-530.00	-62.70
45096	69.64	-6.17	-5.51	64.33	85.57	-1014.97	-50.10	-565.41	-57.07
45097	68.47	-6.17	-5.51	51.50	79.05	-989.56	-52.01	-591.89	-53.32
45098	67.29	-6.17	-5.51	34.63	71.53	-951.39	-52.75	-606.50	-52.64
45099	66.12	-6.18	-5.51	14.42	62.79	-902.18	-52.70	-606.28	-56.21
45100	64.94	-6.18	-5.51	-6.58	52.21	-845.49	-52.79	-589.68	-64.93
45101	63.77	-6.18	-5.51	-23.84	38.43	-785.20	-54.48	-558.99	-78.80
45102	62.59	-6.18	-5.52	-34.20	19.40	-720.47	-59.44	-521.95	-96.18
45103	61.42	-6.18	-5.52	-43.61	-7.26	-641.58	-68.30	-485.17	-113.18
45104	60.24	-6.19	-5.52	-69.67	-44.23	-549.82	-77.99	-435.84	-125.36
45105	77.87	-7.25	-5.50	71.56	87.70	-885.23	-18.89	-238.23	-101.63
45106	76.72	-7.25	-5.50	74.54	87.97	-927.01	-25.08	-283.37	-98.10
45107	75.57	-7.25	-5.50	76.42	87.23	-963.35	-31.52	-329.57	-93.36
45108	74.42	-7.25	-5.50	77.08	85.48	-993.32	-38.05	-375.81	-87.51
45109	73.27	-7.25	-5.50	76.43	82.70	-1015.90	-44.45	-420.92	-80.78
45110	72.12	-7.26	-5.50	74.29	78.89	-1029.99	-50.47	-463.61	-73.51
45111	70.97	-7.26	-5.50	70.39	74.05	-1034.42	-55.83	-502.41	-66.23
45112	69.82	-7.26	-5.50	64.38	68.16	-1028.05	-60.24	-535.63	-59.71
45113	68.67	-7.26	-5.50	55.86	61.16	-1009.95	-63.41	-561.25	-54.99
45114	67.52	-7.26	-5.50	44.67	53.01	-979.81	-65.19	-576.89	-53.41
45115	66.37	-7.26	-5.51	31.25	43.56	-938.40	-65.66	-580.20	-56.51
45116	65.22	-7.26	-5.51	17.31	32.51	-887.83	-65.49	-569.73	-65.81
45117	64.07	-7.26	-5.51	5.89	19.01	-830.67	-66.32	-546.62	-81.94
45118	62.92	-7.26	-5.51	-0.79	1.74	-766.72	-70.52	-516.02	-103.16
45119	61.77	-7.27	-5.51	-7.37	-19.56	-689.22	-79.67	-483.15	-124.52
45120	60.62	-7.27	-5.51	-29.92	-46.43	-599.47	-91.52	-437.83	-139.00
45121	77.84	-3.95	-6.90	2.76	223.71	-844.87	4.08	-252.16	-64.89
45122	76.63	-3.95	-6.90	-6.99	226.85	-885.11	2.12	-302.93	-62.11
45123	75.42	-3.95	-6.90	-19.88	228.84	-919.60	0.34	-354.89	-58.53
45124	74.21	-3.95	-6.90	-36.23	229.73	-947.27	-1.10	-406.67	-54.29
45125	73.00	-3.95	-6.90	-56.43	229.58	-967.04	-2.02	-456.68	-49.59
45126	71.78	-3.95	-6.90	-80.90	228.45	-977.76	-2.29	-503.00	-44.74
45127	70.57	-3.96	-6.90	-110.11	226.33	-978.34	-1.78	-543.43	-40.14
45128	69.36	-3.96	-6.90	-144.51	223.18	-967.93	-0.47	-575.42	-36.26
45129	68.15	-3.96	-6.90	-184.34	218.79	-946.10	1.51	-596.21	-33.64
45130	66.94	-3.96	-6.90	-229.44	212.68	-913.13	3.89	-603.16	-32.77
45131	65.73	-3.96	-6.90	-279.07	204.09	-870.03	6.17	-594.46	-34.08
45132	64.51	-3.96	-6.90	-332.30	191.81	-818.05	7.76	-570.06	-37.90
45133	63.30	-3.96	-6.90	-389.31	174.21	-757.52	8.01	-531.97	-44.46
45134	62.09	-3.96	-6.90	-453.12	149.25	-687.64	6.24	-482.57	-53.90
45135	60.88	-3.96	-6.90	-528.91	114.38	-611.15	2.10	-421.03	-66.27
45136	59.67	-3.96	-6.90	-616.47	67.05	-540.94	-3.92	-344.75	-82.25
45137	77.85	-5.05	-6.90	0.64	211.92	-836.99	4.72	-246.97	-68.28
45138	76.66	-5.05	-6.90	-8.68	214.78	-877.25	2.36	-295.38	-64.99
45139	75.46	-5.06	-6.90	-20.81	216.50	-912.21	0.20	-344.88	-60.82
45140	74.27	-5.06	-6.90	-36.01	217.14	-940.89	-1.59	-394.23	-55.91
45141	73.07	-5.06	-6.90	-54.59	216.72	-962.26	-2.82	-441.95	-50.50
45142	71.88	-5.06	-6.90	-76.88	215.29	-975.23	-3.29	-486.31	-44.92
45143	70.68	-5.06	-6.90	-103.29	212.87	-978.74	-2.84	-525.30	-39.66
45144	69.49	-5.07	-6.91	-134.24	209.45	-971.89	-1.37	-556.59	-35.29

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
45145	68.29	-5.07	-6.91	-170.02	204.91	-954.13	1.07	-577.66	-32.51
45146	67.09	-5.07	-6.91	-210.61	199.00	-925.55	4.23	-586.00	-32.03
45147	65.90	-5.07	-6.91	-255.56	191.19	-886.92	7.64	-579.77	-34.49
45148	64.70	-5.08	-6.91	-304.17	180.60	-839.28	10.57	-558.68	-40.34
45149	63.51	-5.08	-6.91	-356.76	165.91	-782.82	12.19	-524.44	-49.74
45150	62.31	-5.08	-6.91	-416.51	145.38	-716.36	11.72	-479.29	-62.49
45151	61.12	-5.08	-6.91	-489.34	116.75	-641.75	8.82	-422.33	-78.26
45152	59.92	-5.08	-6.91	-576.43	77.86	-569.88	3.92	-351.06	-97.66
45153	77.86	-6.15	-6.90	-1.64	198.23	-830.65	5.07	-240.80	-71.71
45154	76.69	-6.15	-6.90	-10.44	200.80	-870.97	2.37	-286.48	-68.03
45155	75.51	-6.16	-6.90	-21.68	202.27	-906.52	-0.15	-333.15	-63.41
45156	74.34	-6.16	-6.90	-35.56	202.68	-936.42	-2.31	-379.68	-57.99
45157	73.16	-6.16	-6.90	-52.28	202.04	-959.72	-3.89	-424.71	-52.02
45158	71.99	-6.16	-6.90	-72.09	200.38	-975.41	-4.68	-466.73	-45.85
45159	70.81	-6.16	-6.90	-95.27	197.72	-982.45	-4.46	-503.94	-40.00
45160	69.64	-6.17	-6.91	-122.16	194.08	-979.90	-3.08	-534.34	-35.13
45161	68.46	-6.17	-6.91	-153.05	189.39	-967.09	-0.47	-555.67	-32.06
45162	67.29	-6.17	-6.91	-188.05	183.54	-943.79	3.23	-565.68	-31.72
45163	66.11	-6.17	-6.91	-226.95	176.22	-910.35	7.62	-562.59	-35.03
45164	64.94	-6.18	-6.91	-269.45	166.88	-867.43	11.97	-545.78	-42.64
45165	63.76	-6.18	-6.91	-316.02	154.60	-815.02	15.27	-516.34	-54.71
45166	62.59	-6.18	-6.91	-369.79	138.15	-751.96	16.61	-475.98	-70.67
45167	61.42	-6.18	-6.91	-436.83	115.96	-679.51	15.73	-423.67	-89.46
45168	60.24	-6.19	-6.91	-519.76	86.85	-606.60	13.60	-356.94	-111.17
45169	77.87	-7.25	-6.90	-4.01	183.03	-826.40	5.13	-233.79	-75.42
45170	76.72	-7.25	-6.90	-12.24	185.33	-866.81	2.15	-276.46	-71.50
45171	75.57	-7.25	-6.90	-22.53	186.61	-903.05	-0.67	-320.00	-66.61
45172	74.42	-7.25	-6.90	-34.99	186.88	-934.34	-3.17	-363.38	-60.89
45173	73.27	-7.25	-6.90	-49.73	186.15	-959.82	-5.11	-405.40	-54.59
45174	72.12	-7.26	-6.90	-66.88	184.42	-978.56	-6.28	-444.75	-48.05
45175	70.97	-7.26	-6.90	-86.61	181.72	-989.60	-6.44	-479.88	-41.79
45176	69.82	-7.26	-6.90	-109.13	178.05	-991.97	-5.37	-509.09	-36.50
45177	68.67	-7.26	-6.90	-134.64	173.38	-984.84	-2.94	-530.52	-33.11
45178	67.52	-7.26	-6.90	-163.28	167.66	-967.68	0.85	-542.26	-32.68
45179	66.37	-7.26	-6.90	-195.06	160.71	-940.28	5.76	-542.69	-36.38
45180	65.22	-7.26	-6.90	-230.11	152.31	-902.61	11.14	-530.99	-45.18
45181	64.07	-7.26	-6.90	-269.20	141.82	-854.28	15.90	-507.39	-59.38
45182	62.92	-7.26	-6.90	-315.18	128.55	-794.17	19.15	-472.67	-78.30
45183	61.77	-7.26	-6.90	-373.70	111.80	-723.35	20.73	-425.45	-100.55
45184	60.62	-7.27	-6.90	-447.99	91.39	-649.15	22.01	-362.82	-125.24
45185	77.84	-3.95	-8.30	-80.67	327.75	-787.29	18.57	-238.31	-49.68
45186	76.63	-3.95	-8.30	-104.55	333.18	-826.43	18.32	-284.64	-46.82
45187	75.42	-3.95	-8.30	-132.97	337.41	-861.33	18.47	-331.88	-43.31
45188	74.21	-3.95	-8.30	-166.21	340.50	-891.19	19.16	-378.69	-39.29
45189	73.00	-3.95	-8.30	-204.53	342.47	-915.17	20.55	-423.51	-34.95
45190	71.78	-3.95	-8.30	-248.14	343.37	-932.38	22.75	-464.48	-30.56
45191	70.57	-3.96	-8.30	-297.22	343.17	-941.97	25.83	-499.47	-26.46
45192	69.36	-3.96	-8.30	-351.85	341.81	-943.18	29.81	-526.09	-23.06
45193	68.15	-3.96	-8.30	-412.04	339.05	-935.42	34.54	-541.83	-20.83
45194	66.94	-3.96	-8.30	-477.65	334.48	-918.31	39.75	-544.31	-20.23
45195	65.73	-3.96	-8.30	-548.71	327.39	-891.53	44.97	-531.67	-21.69
45196	64.51	-3.96	-8.30	-625.86	316.73	-854.56	49.54	-502.82	-25.63
45197	63.30	-3.96	-8.30	-711.09	300.95	-806.67	52.61	-457.37	-32.36
45198	62.09	-3.96	-8.30	-807.98	277.96	-747.99	53.12	-395.18	-42.21
45199	60.88	-3.96	-8.30	-920.41	244.88	-682.08	49.92	-316.67	-55.77
45200	59.67	-3.96	-8.30	-1050.70	197.61	-619.37	41.75	-224.47	-74.30
45201	77.85	-5.05	-8.30	-80.10	315.76	-780.98	23.03	-233.20	-50.43
45202	76.66	-5.05	-8.30	-102.88	320.84	-820.12	22.86	-277.53	-47.07
45203	75.46	-5.06	-8.30	-129.79	324.75	-855.38	23.16	-322.71	-43.03
45204	74.27	-5.06	-8.30	-161.07	327.52	-886.01	24.10	-367.53	-38.43
45205	73.07	-5.06	-8.30	-196.91	329.18	-911.22	25.84	-410.54	-33.51
45206	71.88	-5.06	-8.30	-237.47	329.77	-930.14	28.54	-450.05	-28.57
45207	70.68	-5.06	-8.30	-282.91	329.29	-941.94	32.34	-484.09	-24.04
45208	69.48	-5.07	-8.30	-333.32	327.71	-945.81	37.25	-510.47	-20.41
45209	68.29	-5.07	-8.30	-388.75	324.91	-941.10	43.20	-526.85	-18.28
45210	67.09	-5.07	-8.30	-449.21	320.59	-927.29	49.93	-530.98	-18.26
45211	65.90	-5.07	-8.30	-514.86	314.28	-903.95	56.98	-520.97	-20.95
45212	64.70	-5.07	-8.30	-586.52	305.21	-870.46	63.66	-495.60	-26.82
45213	63.51	-5.08	-8.30	-666.29	292.21	-825.99	69.11	-454.26	-36.23
45214	62.31	-5.08	-8.30	-758.02	273.72	-770.51	72.34	-396.48	-49.46
45215	61.12	-5.08	-8.30	-866.13	247.62	-706.97	72.28	-322.28	-67.06
45216	59.92	-5.08	-8.30	-994.48	210.72	-644.50	67.47	-233.49	-90.31
45217	77.86	-6.15	-8.30	-78.94	302.15	-776.10	27.07	-227.14	-51.68
45218	76.69	-6.15	-8.30	-100.42	306.87	-815.26	26.98	-269.15	-47.98
45219	75.51	-6.16	-8.30	-125.59	310.45	-850.96	27.40	-311.97	-43.55
45220	74.34	-6.16	-8.30	-154.59	312.92	-882.52	28.50	-354.48	-38.56
45221	73.16	-6.16	-8.30	-187.56	314.30	-909.18	30.48	-395.39	-33.25
45222	71.99	-6.16	-8.30	-224.60	314.61	-930.14	33.52	-433.18	-27.95
45223	70.81	-6.16	-8.30	-265.80	313.89	-944.56	37.79	-466.09	-23.13
45224	69.64	-6.17	-8.30	-311.25	312.11	-951.61	43.37	-492.18	-19.36
45225	68.46	-6.17	-8.30	-361.01	309.22	-950.53	50.24	-509.33	-17.35
45226	67.29	-6.17	-8.30	-415.21	305.06	-940.63	58.22	-515.44	-17.86
45227	66.11	-6.17	-8.30	-474.14	299.32	-921.28	66.89	-508.65	-21.62
45228	64.94	-6.18	-8.30	-538.72	291.50	-891.69	75.61	-487.56	-29.25
45229	63.76	-6.18	-8.30	-611.05	280.79	-850.99	83.60	-451.22	-41.11
45230	62.59	-6.18	-8.30	-694.85	266.17	-799.01	90.12	-398.75	-57.38
45231	61.41	-6.18	-8.30	-794.75	246.37	-738.19	94.51	-329.60	-78.47
45232	60.24	-6.18	-8.30	-915.60	219.59	-676.27	95.89	-244.70	-105.58
45233	77.87	-7.25	-8.30	-77.21	287.29	-773.14	30.65	-220.26	-53.78
45234	76.72	-7.25	-8.30	-97.23	291.67	-812.34	30.64	-259.73	-49.89
45235	75.57	-7.25	-8.30	-120.46	294.97	-848.52	31.14	-299.95	-45.29
45236	74.42	-7.25	-8.30	-146.96	297.21	-881.09	32.35	-339.92	-40.14
45237	73.27	-7.25	-8.30	-176.80	298.40	-909.36	34.46	-378.50	-34.68
45238	72.12	-7.26	-8.30	-210.00	298.55	-932.57	37.68	-414.35	-29.27
45239	70.97	-7.26	-8.30	-246.59	297.69	-949.91	42.19	-445.95	-24.37
45240	69.82	-7.26	-8.30	-286.58	295.82	-960.51	48.13	-471.64	-20.62
45241	68.67	-7.26	-8.30	-330.07	292.92	-963.49	55.55	-489.58	-18.78
45242	67.52	-7.26	-8.30	-377.20	288.89	-957.96	64.31	-497.89	-19.76
45243	66.37	-7.26	-8.30	-428.37	283.54	-943.01	74.13	-494.77	-24.43

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
45244	65.22	-7.26	-8.30	-484.59	276.60	-917.63	84.47	-478.66	-33.56
45245	64.07	-7.26	-8.30	-547.81	267.47	-880.79	94.55	-448.13	-47.52
45246	62.92	-7.26	-8.30	-621.22	255.44	-832.23	104.01	-401.86	-66.36
45247	61.77	-7.26	-8.30	-709.12	240.09	-774.01	112.80	-338.72	-90.41
45248	60.62	-7.27	-8.30	-816.35	220.58	-712.75	120.90	-258.41	-120.43
45249	56.03	-7.26	-2.70	1002.26	-461.63	-1113.43	795.03	458.06	1229.25
45250	56.92	-7.26	-2.70	1490.08	-562.22	-560.56	284.25	184.08	245.17
45251	57.81	-7.26	-2.71	1617.32	-591.35	-318.82	-47.34	-45.68	143.71
45252	58.71	-7.27	-2.71	1516.16	-469.74	-144.62	-184.75	-148.40	67.85
45253	59.60	-7.27	-2.71	1275.79	-460.83	-246.27	-323.21	-300.29	-192.92
45254	55.70	-6.17	-2.70	398.50	-175.17	-326.26	231.14	46.53	148.15
45255	56.58	-6.18	-2.71	1249.76	-177.13	-151.20	210.37	142.18	84.79
45256	57.46	-6.18	-2.72	1627.44	-419.78	-100.24	-3.81	0.16	-9.76
45257	58.34	-6.19	-2.72	1588.44	-419.73	-52.94	-171.69	-81.31	-7.14
45258	59.22	-6.19	-2.73	1359.79	-416.85	-207.47	-348.85	-191.82	-168.68
45259	55.43	-5.07	-2.70	445.35	-320.74	-323.83	-151.61	125.03	-392.34
45260	56.30	-5.08	-2.71	1185.95	-252.83	-138.23	-134.43	121.92	-132.66
45261	57.17	-5.08	-2.72	1553.64	-387.11	-90.80	-53.74	14.09	-80.22
45262	58.03	-5.08	-2.72	1583.14	-398.60	-46.58	-156.89	-66.47	-61.05
45263	58.90	-5.09	-2.73	1405.80	-367.45	-155.17	-342.05	-152.17	-164.01
45264	55.21	-3.96	-2.70	928.34	-929.01	-1273.33	-453.73	679.35	-1429.35
45265	56.07	-3.96	-2.70	1312.70	-764.79	-699.22	-203.93	233.03	-466.09
45266	56.92	-3.96	-2.71	1457.45	-551.66	-427.42	-89.00	49.80	-291.89
45267	57.78	-3.96	-2.71	1487.64	-454.24	-251.44	-176.71	-78.82	-186.88
45268	58.64	-3.97	-2.71	1373.37	-324.44	-211.23	-350.29	-182.29	-194.13
45269	56.03	-7.26	-4.10	428.28	-268.26	-1346.75	256.24	767.54	823.07
45270	56.92	-7.26	-4.10	565.04	-310.92	-844.39	40.83	435.36	-38.71
45271	57.81	-7.26	-4.11	620.55	-333.00	-520.27	-102.09	39.13	-56.74
45272	58.71	-7.27	-4.11	576.38	-301.60	-357.75	-198.10	-208.47	-69.18
45273	59.60	-7.27	-4.11	498.00	-252.28	-411.72	-233.99	-400.53	-145.89
45274	55.70	-6.17	-4.10	102.98	-677.45	-1011.81	113.69	290.05	109.74
45275	56.58	-6.18	-4.11	460.55	-420.65	-619.35	61.14	367.80	29.80
45276	57.46	-6.18	-4.11	613.40	-398.45	-396.85	-41.03	68.34	-79.83
45277	58.34	-6.18	-4.12	591.49	-336.84	-273.90	-137.13	-173.98	-92.12
45278	59.22	-6.19	-4.12	492.98	-244.32	-345.28	-180.32	-373.35	-140.43
45279	55.43	-5.07	-4.10	101.20	-717.44	-1044.64	85.12	374.36	-672.69
45280	56.30	-5.08	-4.11	420.95	-487.16	-632.00	-4.12	351.90	-263.04
45281	57.16	-5.08	-4.11	586.34	-407.95	-409.02	-23.84	93.45	-164.07
45282	58.03	-5.08	-4.12	584.16	-333.57	-276.10	-98.97	-138.81	-147.23
45283	58.90	-5.09	-4.12	484.49	-235.04	-314.33	-145.75	-343.33	-141.70
45284	55.21	-3.96	-4.10	377.91	-399.12	-1431.92	-83.49	924.26	-1254.95
45285	56.07	-3.96	-4.10	506.97	-428.69	-879.93	-30.46	445.49	-310.80
45286	56.92	-3.96	-4.11	577.88	-347.84	-547.81	-18.06	132.28	-187.70
45287	57.78	-3.96	-4.11	574.07	-268.58	-345.76	-64.77	-99.92	-140.11
45288	58.63	-3.97	-4.11	480.04	-198.94	-308.31	-103.16	-308.41	-121.06
45289	56.03	-7.26	-5.50	-14.03	-292.45	-1455.81	56.92	832.25	421.60
45290	56.92	-7.26	-5.50	-85.24	-258.61	-1071.38	-16.40	486.48	-297.85
45291	57.81	-7.26	-5.50	-124.68	-184.47	-711.86	-48.78	63.58	-234.35
45292	58.70	-7.26	-5.51	-113.65	-128.45	-516.48	-80.24	-184.60	-168.18
45293	59.60	-7.27	-5.51	-66.50	-81.87	-511.85	-95.15	-350.08	-146.41
45294	55.70	-6.17	-5.50	-31.38	-449.50	-1323.39	82.52	395.56	-158.32
45295	56.58	-6.18	-5.51	-58.49	-367.91	-1011.43	26.67	446.63	-148.76
45296	57.46	-6.18	-5.51	-120.15	-267.94	-689.27	-29.74	89.45	-201.89
45297	58.34	-6.18	-5.51	-138.01	-175.87	-488.47	-64.61	-171.37	-157.42
45298	59.22	-6.19	-5.52	-104.81	-99.60	-467.93	-79.45	-342.18	-134.21
45299	55.43	-5.07	-5.50	-34.88	-497.69	-1338.78	106.47	436.59	-585.66
45300	56.30	-5.08	-5.51	-69.39	-405.23	-1013.38	60.90	419.74	-256.47
45301	57.16	-5.08	-5.51	-119.31	-300.46	-692.32	-3.51	107.88	-180.16
45302	58.03	-5.08	-5.51	-151.28	-199.65	-478.84	-45.21	-147.54	-153.92
45303	58.89	-5.09	-5.52	-133.08	-109.03	-436.43	-62.91	-326.35	-125.16
45304	55.21	-3.96	-5.50	-68.47	-460.99	-1506.15	111.14	900.48	-1075.68
45305	56.07	-3.96	-5.50	-81.33	-369.53	-1092.05	55.12	457.00	-240.61
45306	56.92	-3.96	-5.50	-126.67	-298.95	-731.74	7.18	125.58	-167.04
45307	57.78	-3.96	-5.51	-160.46	-204.91	-489.54	-32.11	-121.48	-130.50
45308	58.63	-3.96	-5.51	-152.37	-115.06	-419.03	-50.90	-306.75	-107.16
45309	56.03	-7.26	-6.90	-439.26	-346.22	-1585.78	-146.89	774.79	182.07
45310	56.92	-7.26	-6.90	-723.93	-266.02	-1286.42	-56.36	371.31	-439.08
45311	57.81	-7.26	-6.90	-802.68	-74.78	-843.78	15.48	37.33	-334.51
45312	58.70	-7.26	-6.90	-702.59	10.70	-613.77	31.08	-126.99	-223.68
45313	59.60	-7.27	-6.90	-558.98	60.31	-587.74	26.35	-266.09	-160.07
45314	55.70	-6.17	-6.90	-141.95	-367.56	-1409.85	67.72	369.53	-276.14
45315	56.58	-6.18	-6.90	-556.08	-377.80	-1291.46	9.67	319.96	-271.60
45316	57.46	-6.18	-6.91	-793.64	-180.83	-870.21	-9.49	40.23	-286.50
45317	58.34	-6.18	-6.91	-761.27	-39.91	-607.86	2.88	-126.42	-200.72
45318	59.21	-6.19	-6.91	-634.39	39.88	-556.35	10.96	-259.30	-142.56
45319	55.43	-5.07	-6.90	-156.74	-413.46	-1421.41	155.27	386.74	-567.16
45320	56.30	-5.08	-6.90	-546.58	-391.94	-1294.32	133.38	285.11	-307.98
45321	57.16	-5.08	-6.91	-778.43	-234.90	-880.55	12.66	41.40	-232.76
45322	58.03	-5.08	-6.91	-789.04	-89.36	-602.09	-9.51	-118.35	-177.72
45323	58.89	-5.08	-6.91	-686.78	14.68	-529.82	-2.65	-250.80	-126.40
45324	55.21	-3.96	-6.90	-507.59	-493.44	-1639.79	347.38	793.15	-974.27
45325	56.07	-3.96	-6.90	-662.92	-309.23	-1320.67	149.03	307.81	-254.94
45326	56.92	-3.96	-6.90	-793.80	-243.12	-890.43	28.45	45.57	-197.96
45327	57.78	-3.96	-6.90	-804.26	-117.94	-599.29	-9.53	-107.11	-145.33
45328	58.63	-3.96	-6.90	-719.23	-7.37	-510.54	-10.25	-240.19	-106.16
45329	56.03	-7.26	-8.30	-1224.92	-523.38	-1810.22	-233.49	445.56	-10.45
45330	56.92	-7.26	-8.30	-1641.63	-291.01	-1407.74	-73.07	145.89	-500.81
45331	57.81	-7.26	-8.30	-1498.59	25.46	-847.87	81.55	71.80	-372.61
45332	58.70	-7.26	-8.30	-1215.26	135.44	-663.61	130.67	-10.72	-246.96
45333	59.59	-7.26	-8.30	-976.57	189.57	-658.34	130.42	-146.29	-167.42
45334	55.70	-6.17	-8.30	-656.88	-444.70	-1570.26	97.53	40.30	-295.87
45335	56.58	-6.18	-8.30	-1418.05	-443.03	-1439.03	-29.72	24.38	-385.22
45336	57.46	-6.18	-8.30	-1530.86	-105.26	-879.63	1.22	38.18	-328.61
45337	58.33	-6.18	-8.30	-1321.98	85.28	-653.52	65.23	-15.30	-219.61
45338	59.21	-6.18	-8.30	-1087.90	173.51	-628.30	91.49	-134.07	-147.43
45339	55.43	-5.07	-8.30	-629.31	-445.10	-1607.07	239.96	54.41	-499.44
45340	56.30	-5.07	-8.30	-1382.99	-448.20	-1442.80	139.65	-23.49	-405.00
45341	57.16	-5.08	-8.30	-1523.83	-179.26	-890.22	4.68	15.11	-278.76
45342	58.03	-5.08	-8.30	-1376.14	25.17	-644.53	22.39	-16.80	-189.79

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
45343	58.89	-5.08	-8.30	-1166.48	146.23	-602.60	53.69	-124.34	-126.57
45344	55.21	-3.96	-8.30	-1145.41	-517.16	-1921.86	526.38	453.20	-804.60
45345	56.07	-3.96	-8.30	-1541.65	-328.72	-1455.69	179.82	20.27	-339.86
45346	56.92	-3.96	-8.30	-1546.94	-194.27	-892.34	18.96	10.26	-235.72
45347	57.78	-3.96	-8.30	-1404.80	-16.36	-636.03	5.69	-14.23	-154.48
45348	58.63	-3.96	-8.30	-1215.87	117.21	-582.77	26.10	-115.38	-103.72
45349	95.95	-8.10	-2.70	104.97	-192.43	-19.05	15.15	-27.95	-96.35
45350	94.82	-8.10	-2.70	67.52	-159.72	-81.75	5.13	-15.69	-109.51
45351	93.69	-8.10	-2.70	49.59	-140.46	-139.33	2.40	-2.30	-112.43
45352	92.56	-8.10	-2.70	41.04	-126.73	-196.25	1.72	9.16	-116.06
45353	91.43	-8.10	-2.70	38.31	-115.94	-254.84	1.46	17.51	-120.73
45354	90.30	-8.10	-2.70	39.84	-107.09	-315.56	1.07	22.29	-126.28
45355	89.18	-8.10	-2.70	44.75	-99.69	-378.42	0.18	23.28	-132.50
45356	88.05	-8.10	-2.70	52.57	-93.57	-443.20	-1.40	20.10	-139.08
45357	86.92	-8.10	-2.70	62.96	-88.57	-509.55	-3.77	12.43	-145.86
45358	85.79	-8.10	-2.70	75.62	-84.56	-576.95	-7.10	0.07	-152.62
45359	84.66	-8.10	-2.70	90.29	-81.47	-644.79	-11.50	-17.18	-159.12
45360	83.53	-8.10	-2.70	106.71	-79.29	-712.33	-17.06	-39.39	-165.14
45361	82.40	-8.10	-2.70	124.58	-78.00	-778.71	-23.86	-66.53	-170.45
45362	81.27	-8.10	-2.70	143.61	-77.58	-842.98	-31.97	-98.39	-174.85
45363	80.14	-8.10	-2.70	163.53	-78.02	-904.11	-41.41	-134.61	-178.13
45364	79.01	-8.10	-2.70	184.05	-79.32	-961.05	-52.22	-174.67	-180.08
45365	95.68	-8.70	-2.70	106.77	-206.09	-37.68	15.44	-28.88	-105.10
45366	94.56	-8.70	-2.70	68.48	-170.51	-99.76	4.96	-19.36	-118.22
45367	93.45	-8.70	-2.70	50.30	-150.40	-155.56	2.00	-6.92	-120.78
45368	92.34	-8.70	-2.70	41.56	-136.22	-211.03	1.09	4.00	-124.17
45369	91.23	-8.70	-2.70	38.70	-125.31	-268.17	0.59	11.60	-128.51
45370	90.12	-8.70	-2.70	39.99	-116.51	-327.41	0.02	15.80	-134.00
45371	89.01	-8.70	-2.70	44.63	-109.21	-388.64	-1.12	16.44	-140.12
45372	87.90	-8.70	-2.70	51.96	-103.34	-451.72	-2.91	12.95	-146.58
45373	86.79	-8.70	-2.70	61.74	-98.60	-516.27	-5.53	5.22	-153.32
45374	85.67	-8.70	-2.70	73.68	-94.86	-581.80	-9.13	-6.98	-160.03
45375	84.56	-8.70	-2.70	87.50	-92.05	-647.73	-13.82	-23.81	-166.49
45376	83.45	-8.70	-2.70	102.93	-90.14	-713.38	-19.68	-45.32	-172.48
45377	82.34	-8.70	-2.70	119.70	-89.10	-777.95	-26.81	-71.44	-177.78
45378	81.23	-8.70	-2.70	137.51	-88.91	-840.56	-35.26	-101.97	-182.17
45379	80.12	-8.70	-2.70	156.10	-89.55	-900.28	-45.07	-136.55	-185.45
45380	79.01	-8.70	-2.70	175.24	-90.99	-956.09	-56.25	-174.64	-187.38
45381	95.95	-8.10	-4.10	50.07	-125.42	-34.17	5.27	-7.00	-57.54
45382	94.82	-8.10	-4.10	44.76	-107.52	-83.41	5.95	3.92	-74.23
45383	93.69	-8.10	-4.10	37.46	-90.73	-137.60	5.14	10.84	-84.24
45384	92.56	-8.10	-4.10	32.50	-76.69	-192.02	5.00	16.42	-91.04
45385	91.43	-8.10	-4.10	30.48	-64.80	-247.32	5.06	20.09	-96.93
45386	90.30	-8.10	-4.10	31.17	-54.51	-304.03	4.99	21.10	-102.70
45387	89.18	-8.10	-4.10	34.21	-45.50	-362.23	4.48	18.94	-108.48
45388	88.05	-8.10	-4.10	39.33	-37.68	-421.84	3.38	13.10	-114.19
45389	86.92	-8.10	-4.10	46.25	-30.95	-482.58	1.61	3.20	-119.78
45390	85.79	-8.10	-4.10	54.72	-25.19	-544.07	-0.93	-10.98	-125.11
45391	84.66	-8.10	-4.10	64.51	-20.38	-605.81	-4.34	-29.62	-129.99
45392	83.53	-8.10	-4.10	75.36	-16.50	-667.24	-8.67	-52.79	-134.26
45393	82.40	-8.10	-4.10	87.01	-13.54	-727.67	-13.97	-80.41	-137.75
45394	81.27	-8.10	-4.10	99.21	-11.50	-786.38	-20.26	-112.30	-140.27
45395	80.14	-8.10	-4.10	111.73	-10.38	-842.55	-27.55	-148.10	-141.67
45396	79.01	-8.10	-4.10	124.32	-10.16	-895.33	-35.82	-187.31	-141.79
45397	95.68	-8.70	-4.10	52.65	-131.46	-48.64	4.16	-5.98	-63.00
45398	94.56	-8.70	-4.10	47.19	-114.48	-98.77	4.84	2.58	-79.65
45399	93.45	-8.70	-4.10	39.33	-98.06	-152.37	4.17	7.78	-89.65
45400	92.34	-8.70	-4.10	33.94	-84.26	-205.71	4.05	12.52	-96.46
45401	91.23	-8.70	-4.10	31.54	-72.65	-259.82	4.07	15.32	-102.22
45402	90.12	-8.70	-4.10	31.85	-62.67	-315.25	3.94	15.70	-108.06
45403	89.01	-8.70	-4.10	34.54	-53.92	-372.08	3.31	13.22	-113.84
45404	87.90	-8.70	-4.10	39.14	-46.45	-430.25	2.10	7.10	-119.49
45405	86.79	-8.70	-4.10	45.49	-40.06	-489.49	0.18	-2.81	-125.06
45406	85.67	-8.70	-4.10	53.33	-34.63	-549.42	-2.55	-16.77	-130.35
45407	84.56	-8.70	-4.10	62.41	-30.14	-609.60	-6.15	-34.94	-135.19
45408	83.45	-8.70	-4.10	72.48	-26.57	-669.47	-10.69	-57.36	-139.41
45409	82.34	-8.70	-4.10	83.29	-23.89	-728.42	-16.22	-83.96	-142.86
45410	81.23	-8.70	-4.10	94.61	-22.10	-785.77	-22.76	-114.53	-145.34
45411	80.12	-8.70	-4.10	106.20	-21.19	-840.76	-30.31	-148.72	-146.72
45412	79.01	-8.70	-4.10	117.88	-21.13	-892.62	-38.86	-186.02	-146.80
45413	95.95	-8.10	-5.50	16.77	-50.85	-48.03	4.88	-3.02	-45.83
45414	94.82	-8.10	-5.50	17.87	-37.55	-89.63	8.04	8.52	-56.15
45415	93.69	-8.10	-5.50	18.40	-23.94	-137.73	9.46	16.18	-64.87
45416	92.56	-8.10	-5.50	18.21	-10.93	-188.49	10.26	20.51	-71.73
45417	91.43	-8.10	-5.50	18.30	1.09	-240.40	10.86	22.09	-77.44
45418	90.30	-8.10	-5.50	19.22	12.11	-293.29	11.27	20.90	-82.65
45419	89.18	-8.10	-5.50	21.14	22.23	-347.17	11.29	16.71	-87.60
45420	88.05	-8.10	-5.50	24.07	31.42	-401.98	10.82	9.12	-92.27
45421	86.92	-8.10	-5.50	27.87	39.70	-457.57	9.83	-2.21	-96.65
45422	85.79	-8.10	-5.50	32.38	47.12	-513.65	8.24	-17.46	-100.65
45423	84.66	-8.10	-5.50	37.40	53.67	-569.87	5.99	-36.80	-104.13
45424	83.53	-8.10	-5.50	42.72	59.34	-625.80	3.07	-60.27	-106.94
45425	82.40	-8.10	-5.50	48.09	64.12	-680.94	-0.55	-87.81	-108.96
45426	81.27	-8.10	-5.50	53.29	68.00	-734.73	-4.85	-119.22	-110.04
45427	80.14	-8.10	-5.50	58.10	70.96	-786.55	-9.81	-154.17	-110.06
45428	79.01	-8.10	-5.50	62.32	73.02	-835.74	-15.38	-192.21	-108.90
45429	95.68	-8.70	-5.50	18.42	-53.42	-59.78	4.26	-1.68	-50.30
45430	94.56	-8.70	-5.50	19.90	-41.05	-102.48	7.17	8.49	-60.58
45431	93.45	-8.70	-5.50	20.35	-28.38	-150.68	8.58	14.72	-69.14
45432	92.34	-8.70	-5.50	19.93	-16.06	-200.91	9.41	18.13	-75.87
45433	91.23	-8.70	-5.50	19.66	-4.69	-251.98	10.05	18.72	-81.34
45434	90.12	-8.70	-5.50	20.24	5.75	-303.85	10.47	16.84	-86.57
45435	89.01	-8.70	-5.50	21.82	15.40	-356.59	10.46	12.29	-91.48
45436	87.90	-8.70	-5.50	24.28	24.09	-410.20	9.98	4.41	-96.06
45437	86.79	-8.70	-5.50	27.60	31.92	-464.52	8.93	-6.93	-100.42
45438	85.67	-8.70	-5.50	31.60	38.92	-519.30	7.25	-21.97	-104.37
45439	84.56	-8.70	-5.50	36.10	45.08	-574.22	4.91	-40.85	-107.79
45440	83.45	-8.70	-5.50	40.86	50.39	-628.88	1.88	-63.61	-110.55
45441	82.34	-8.70	-5.50	45.68	54.86	-682.81	-1.86	-90.17	-112.51

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
45442	81.23	-8.70	-5.50	50.33	58.46	-735.51	-6.29	-120.33	-113.54
45443	80.12	-8.70	-5.50	54.64	61.20	-786.41	-11.38	-153.78	-113.52
45444	79.01	-8.70	-5.50	58.41	63.09	-834.90	-17.09	-190.04	-112.30
45445	95.95	-8.10	-6.90	-0.86	22.92	-58.17	12.25	-1.87	-39.76
45446	94.82	-8.10	-6.90	0.55	36.46	-96.22	15.34	8.41	-46.27
45447	93.69	-8.10	-6.90	2.35	49.97	-139.46	17.43	16.18	-52.40
45448	92.56	-8.10	-6.90	3.92	63.22	-185.87	18.87	20.80	-57.76
45449	91.43	-8.10	-6.90	5.12	75.96	-233.94	19.91	22.14	-62.37
45450	90.30	-8.10	-6.90	6.15	88.07	-282.99	20.71	20.30	-66.52
45451	89.18	-8.10	-6.90	7.16	99.56	-332.76	21.21	15.36	-70.36
45452	88.05	-8.10	-6.90	8.21	110.31	-383.16	21.34	7.07	-73.87
45453	86.92	-8.10	-6.90	9.22	120.30	-434.04	21.11	-4.74	-77.05
45454	85.79	-8.10	-6.90	10.07	129.54	-485.22	20.46	-20.21	-79.82
45455	84.66	-8.10	-6.90	10.57	138.00	-536.45	19.38	-39.45	-82.07
45456	83.53	-8.10	-6.90	10.52	145.62	-587.44	17.87	-62.47	-83.68
45457	82.40	-8.10	-6.90	9.67	152.39	-637.83	15.93	-89.22	-84.55
45458	81.27	-8.10	-6.90	7.80	158.27	-687.22	13.60	-119.51	-84.58
45459	80.14	-8.10	-6.90	4.71	163.25	-735.17	10.95	-153.02	-83.66
45460	79.01	-8.10	-6.90	0.20	167.31	-781.16	8.04	-189.35	-81.71
45461	95.68	-8.70	-6.90	0.35	21.79	-68.12	12.43	-0.73	-43.67
45462	94.56	-8.70	-6.90	2.12	34.60	-106.95	15.30	8.81	-50.20
45463	93.45	-8.70	-6.90	3.99	47.26	-150.43	17.30	15.59	-56.22
45464	92.34	-8.70	-6.90	5.53	59.79	-196.60	18.71	19.51	-61.42
45465	91.23	-8.70	-6.90	6.50	71.82	-244.15	19.75	19.94	-65.72
45466	90.12	-8.70	-6.90	7.29	83.25	-292.46	20.59	17.46	-69.82
45467	89.01	-8.70	-6.90	8.04	94.16	-341.35	21.09	12.15	-73.56
45468	87.90	-8.70	-6.90	8.73	104.32	-390.79	21.26	3.57	-76.92
45469	86.79	-8.70	-6.90	9.38	113.78	-440.66	21.03	-8.28	-80.03
45470	85.67	-8.70	-6.90	9.87	122.54	-490.79	20.38	-23.56	-82.72
45471	84.56	-8.70	-6.90	10.03	130.54	-540.97	19.29	-42.38	-84.89
45472	83.45	-8.70	-6.90	9.65	137.75	-590.93	17.76	-64.76	-86.43
45473	82.34	-8.70	-6.90	8.53	144.16	-640.36	15.80	-90.62	-87.23
45474	81.23	-8.70	-6.90	6.46	149.73	-688.88	13.45	-119.78	-87.20
45475	80.12	-8.70	-6.90	3.27	154.45	-736.10	10.77	-151.95	-86.25
45476	79.01	-8.70	-6.90	-1.22	158.31	-781.55	7.85	-186.69	-84.26
45477	95.95	-8.10	-8.30	-10.96	97.06	-65.58	23.79	-2.49	-34.54
45478	94.82	-8.10	-8.30	-10.14	112.08	-101.63	26.72	6.57	-38.66
45479	93.69	-8.10	-8.30	-8.82	126.96	-141.46	28.99	13.89	-42.78
45480	92.56	-8.10	-8.30	-7.49	141.61	-183.93	30.78	18.64	-46.57
45481	91.43	-8.10	-8.30	-6.47	155.92	-228.06	32.17	20.26	-49.89
45482	90.30	-8.10	-8.30	-5.90	169.75	-273.20	33.31	18.66	-52.90
45483	89.18	-8.10	-8.30	-5.90	183.10	-319.00	34.21	13.91	-55.64
45484	88.05	-8.10	-8.30	-6.55	195.82	-365.27	34.86	5.89	-58.05
45485	86.92	-8.10	-8.30	-7.99	207.88	-411.85	35.30	-5.47	-60.16
45486	85.79	-8.10	-8.30	-10.43	219.24	-458.60	35.50	-20.23	-61.90
45487	84.66	-8.10	-8.30	-14.09	229.86	-505.35	35.48	-38.45	-63.16
45488	83.53	-8.10	-8.30	-19.21	239.67	-551.90	35.25	-60.14	-63.85
45489	82.40	-8.10	-8.30	-26.06	248.63	-598.01	34.85	-85.22	-63.89
45490	81.27	-8.10	-8.30	-34.89	256.69	-643.43	34.34	-113.53	-63.20
45491	80.14	-8.10	-8.30	-45.94	263.81	-687.85	33.81	-144.79	-61.73
45492	79.01	-8.10	-8.30	-59.42	269.97	-730.93	33.35	-178.63	-59.41
45493	95.68	-8.70	-8.30	-9.90	96.40	-74.20	24.86	-1.57	-38.00
45494	94.56	-8.70	-8.30	-8.78	110.82	-110.68	27.63	7.10	-42.18
45495	93.45	-8.70	-8.30	-7.37	124.94	-150.63	29.87	13.74	-46.24
45496	92.34	-8.70	-8.30	-6.05	138.94	-192.91	31.64	18.02	-49.91
45497	91.23	-8.70	-8.30	-5.16	152.59	-236.65	32.99	18.90	-52.96
45498	90.12	-8.70	-8.30	-4.73	165.75	-281.24	34.18	16.74	-55.91
45499	89.01	-8.70	-8.30	-4.90	178.52	-326.36	35.10	11.69	-58.52
45500	87.90	-8.70	-8.30	-5.80	190.63	-371.88	35.81	3.41	-60.77
45501	86.79	-8.70	-8.30	-7.49	202.13	-417.67	36.30	-7.99	-62.79
45502	85.67	-8.70	-8.30	-10.15	212.97	-463.59	36.56	-22.59	-64.43
45503	84.56	-8.70	-8.30	-13.98	223.10	-509.50	36.60	-40.45	-65.59
45504	83.45	-8.70	-8.30	-19.20	232.47	-555.23	36.42	-61.58	-66.20
45505	82.34	-8.70	-8.30	-26.06	241.02	-600.57	36.08	-85.89	-66.18
45506	81.23	-8.70	-8.30	-34.78	248.72	-645.28	35.64	-113.24	-65.45
45507	80.12	-8.70	-8.30	-45.56	255.53	-689.11	35.17	-143.33	-63.96
45508	79.01	-8.70	-8.30	-58.59	261.43	-731.74	34.80	-175.81	-61.64
45509	100.59	-8.10	-2.70	-11.03	-246.43	1.98	-68.73	-4.81	-9.26
45510	99.68	-8.10	-2.70	16.05	-249.48	2.52	-60.50	-9.32	-5.67
45511	98.78	-8.10	-2.70	50.79	-243.71	2.36	-50.49	-14.01	-4.49
45512	97.87	-8.10	-2.70	93.98	-234.71	3.08	-33.02	-18.71	-2.51
45513	96.97	-8.10	-2.70	154.29	-235.73	11.34	13.39	-38.99	-36.89
45514	100.36	-8.70	-2.70	-14.50	-243.45	1.60	-71.93	-6.37	-9.20
45515	99.44	-8.70	-2.70	15.07	-246.80	2.30	-63.51	-9.91	-5.96
45516	98.52	-8.70	-2.70	51.27	-243.04	1.99	-52.96	-14.35	-4.51
45517	97.61	-8.70	-2.70	95.50	-237.39	2.98	-34.49	-18.12	-2.81
45518	96.69	-8.70	-2.70	155.82	-249.04	1.88	13.71	-34.57	-42.39
45519	100.59	-8.10	-4.10	-7.98	-176.58	12.71	-51.91	-14.05	-24.48
45520	99.68	-8.10	-4.10	11.30	-173.05	12.26	-46.29	-22.73	-17.48
45521	98.78	-8.10	-4.10	31.61	-165.01	10.16	-37.78	-30.00	-13.76
45522	97.87	-8.10	-4.10	49.79	-154.88	10.15	-22.41	-34.82	-17.22
45523	96.97	-8.10	-4.10	51.65	-140.97	-0.85	-5.09	-25.40	-34.06
45524	100.36	-8.70	-4.10	-10.79	-172.54	12.87	-54.46	-16.64	-27.08
45525	99.44	-8.70	-4.10	9.81	-169.79	12.13	-48.75	-23.77	-20.01
45526	98.52	-8.70	-4.10	30.63	-163.45	9.54	-39.46	-30.01	-15.74
45527	97.61	-8.70	-4.10	49.08	-156.16	6.98	-23.22	-32.60	-20.20
45528	96.69	-8.70	-4.10	52.97	-144.90	-10.21	-5.94	-22.00	-38.86
45529	100.59	-8.10	-5.50	-6.47	-116.38	31.72	-35.06	-19.53	-34.15
45530	99.68	-8.10	-5.50	3.75	-106.55	26.38	-30.59	-29.29	-26.33
45531	98.78	-8.10	-5.50	12.59	-94.77	19.69	-23.35	-34.37	-22.38
45532	97.87	-8.10	-5.50	16.36	-81.24	9.72	-13.02	-31.77	-24.20
45533	96.97	-8.10	-5.50	17.08	-65.65	-13.06	-2.20	-18.49	-33.55
45534	100.36	-8.70	-5.50	-8.69	-113.78	31.47	-36.63	-22.53	-37.13
45535	99.44	-8.70	-5.50	2.31	-104.02	25.63	-32.22	-30.49	-29.33
45536	98.52	-8.70	-5.50	11.41	-93.49	17.77	-24.27	-34.24	-24.87
45537	97.61	-8.70	-5.50	15.88	-81.20	5.31	-13.47	-30.10	-27.24
45538	96.69	-8.70	-5.50	17.77	-67.05	-21.57	-2.57	-16.19	-37.50
45539	100.59	-8.10	-6.90	-4.59	-59.72	53.63	-18.63	-21.14	-39.01
45540	99.68	-8.10	-6.90	-1.55	-44.12	41.03	-14.53	-30.28	-31.57

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
45541	98.78	-8.10	-6.90	0.04	-28.02	27.01	-8.56	-32.73	-27.46
45542	97.87	-8.10	-6.90	-0.37	-11.05	7.86	-0.91	-27.70	-27.65
45543	96.97	-8.10	-6.90	-1.14	7.02	-22.15	6.79	-15.12	-32.64
45544	100.36	-8.70	-6.90	-6.05	-58.03	52.97	-19.26	-24.31	-42.52
45545	99.44	-8.70	-6.90	-2.46	-42.14	39.66	-15.33	-31.57	-35.19
45546	98.52	-8.70	-6.90	-0.64	-26.91	24.31	-8.77	-32.83	-30.45
45547	97.61	-8.70	-6.90	-0.57	-10.58	3.05	-0.76	-26.63	-30.84
45548	96.69	-8.70	-6.90	-0.57	6.69	-29.90	7.05	-13.50	-36.24
45549	100.59	-8.10	-8.30	-2.00	-4.80	75.25	-2.45	-20.13	-40.01
45550	99.68	-8.10	-8.30	-3.85	16.37	55.27	1.63	-28.16	-33.30
45551	98.78	-8.10	-8.30	-6.26	37.00	33.71	6.87	-29.67	-29.07
45552	97.87	-8.10	-8.30	-8.89	57.76	6.89	13.10	-24.63	-28.01
45553	96.97	-8.10	-8.30	-10.62	78.97	-28.44	19.22	-13.72	-30.38
45554	100.36	-8.70	-8.30	-2.68	-4.22	74.09	-2.14	-23.33	-43.63
45555	99.44	-8.70	-8.30	-4.11	17.54	53.38	1.68	-29.52	-37.10
45556	98.52	-8.70	-8.30	-6.38	37.54	30.51	7.45	-29.99	-32.18
45557	97.61	-8.70	-8.30	-8.72	58.04	1.96	13.99	-23.98	-31.11
45558	96.69	-8.70	-8.30	-9.98	78.83	-35.57	20.27	-12.57	-33.65
45559	77.89	-8.10	-2.70	204.99	-81.52	-1012.70	-64.43	-217.87	-180.57
45560	76.76	-8.10	-2.70	226.28	-84.63	-1058.00	-77.97	-263.33	-179.54
45561	75.63	-8.10	-2.70	247.95	-88.64	-1095.94	-92.77	-310.08	-176.92
45562	74.50	-8.10	-2.70	270.13	-93.56	-1125.53	-108.76	-357.13	-172.74
45563	73.37	-8.10	-2.70	293.06	-99.45	-1145.73	-125.79	-403.48	-167.15
45564	72.24	-8.10	-2.70	317.02	-106.39	-1155.45	-143.69	-448.24	-160.46
45565	71.11	-8.10	-2.70	342.22	-114.49	-1153.40	-162.24	-490.59	-153.19
45566	69.98	-8.10	-2.70	368.70	-123.92	-1137.97	-181.12	-529.73	-146.15
45567	68.85	-8.10	-2.70	396.07	-134.97	-1107.17	-199.92	-564.67	-140.62
45568	67.72	-8.10	-2.70	423.56	-148.06	-1058.78	-217.92	-593.63	-138.66
45569	66.60	-8.10	-2.70	450.15	-163.56	-991.14	-234.01	-613.17	-143.37
45570	65.47	-8.10	-2.70	476.13	-182.68	-905.27	-247.04	-617.58	-159.90
45571	64.34	-8.10	-2.70	507.46	-207.11	-808.28	-255.45	-599.23	-196.38
45572	63.21	-8.10	-2.70	561.32	-241.45	-716.44	-261.96	-554.58	-263.90
45573	62.08	-8.10	-2.70	674.02	-290.98	-646.03	-280.54	-497.70	-360.50
45574	60.95	-8.10	-2.70	859.89	-377.13	-543.11	-340.27	-480.87	-384.42
45575	77.89	-8.70	-2.70	194.63	-93.29	-1006.96	-68.89	-215.66	-187.89
45576	76.78	-8.70	-2.70	214.29	-96.48	-1051.94	-82.92	-258.64	-186.93
45577	75.67	-8.70	-2.70	234.24	-100.51	-1090.14	-98.30	-302.69	-184.38
45578	74.56	-8.70	-2.70	254.60	-105.41	-1120.68	-114.97	-346.85	-180.27
45579	73.45	-8.70	-2.70	275.57	-111.24	-1142.64	-132.84	-390.17	-174.75
45580	72.34	-8.70	-2.70	297.41	-118.11	-1155.05	-151.81	-431.76	-168.08
45581	71.23	-8.70	-2.70	320.37	-126.15	-1156.80	-171.76	-470.80	-160.73
45582	70.11	-8.70	-2.70	344.55	-135.61	-1146.53	-192.53	-506.50	-153.38
45583	69.00	-8.70	-2.70	369.80	-146.82	-1122.54	-213.89	-537.94	-147.11
45584	67.89	-8.70	-2.70	395.70	-160.57	-1083.04	-235.65	-563.74	-143.79
45585	66.78	-8.70	-2.70	422.16	-177.57	-1026.50	-257.13	-580.92	-146.04
45586	65.67	-8.70	-2.70	450.34	-199.37	-953.26	-278.21	-585.43	-157.77
45587	64.56	-8.70	-2.70	485.94	-230.16	-868.43	-300.44	-572.50	-186.43
45588	63.45	-8.70	-2.70	548.09	-273.47	-781.59	-328.55	-539.84	-238.79
45589	62.34	-8.70	-2.70	665.78	-344.19	-704.67	-385.20	-504.51	-320.48
45590	61.22	-8.70	-2.70	886.16	-404.13	-641.93	-500.74	-494.16	-357.09
45591	77.89	-8.10	-4.10	136.83	-10.88	-943.84	-45.08	-229.33	-140.54
45592	76.76	-8.10	-4.10	149.18	-12.58	-987.19	-55.22	-273.33	-137.87
45593	75.63	-8.10	-4.10	161.31	-15.23	-1024.46	-66.16	-318.41	-133.77
45594	74.50	-8.10	-4.10	173.24	-18.86	-1054.72	-77.78	-363.61	-128.29
45595	73.37	-8.10	-4.10	185.01	-23.51	-1076.97	-89.91	-407.91	-121.59
45596	72.24	-8.10	-4.10	196.63	-29.26	-1090.12	-102.34	-450.25	-113.98
45597	71.11	-8.10	-4.10	208.03	-36.19	-1092.94	-114.82	-489.51	-105.95
45598	69.98	-8.10	-4.10	218.99	-44.43	-1084.09	-127.04	-524.40	-98.23
45599	68.85	-8.10	-4.10	229.15	-54.22	-1062.25	-138.65	-553.32	-91.93
45600	67.72	-8.10	-4.10	238.23	-65.87	-1026.45	-149.22	-574.04	-88.71
45601	66.60	-8.10	-4.10	246.50	-79.74	-976.79	-158.32	-583.54	-90.71
45602	65.47	-8.10	-4.10	256.00	-96.51	-915.54	-166.05	-578.70	-100.91
45603	64.34	-8.10	-4.10	272.46	-117.51	-847.74	-173.73	-557.69	-122.44
45604	63.21	-8.10	-4.10	305.54	-145.10	-778.49	-185.82	-524.41	-155.77
45605	62.08	-8.10	-4.10	364.16	-183.27	-704.94	-211.97	-492.16	-191.51
45606	60.95	-8.10	-4.10	441.31	-227.51	-605.93	-256.10	-470.57	-206.28
45607	77.89	-8.70	-4.10	129.44	-21.95	-940.55	-48.42	-225.93	-145.52
45608	76.78	-8.70	-4.10	140.79	-23.71	-983.76	-58.91	-267.60	-142.85
45609	75.67	-8.70	-4.10	151.96	-26.36	-1021.40	-70.26	-310.14	-138.75
45610	74.56	-8.70	-4.10	162.98	-29.95	-1052.65	-82.37	-352.67	-133.26
45611	73.45	-8.70	-4.10	173.88	-34.52	-1076.60	-95.09	-394.20	-126.53
45612	72.34	-8.70	-4.10	184.73	-40.14	-1092.29	-108.26	-433.73	-118.84
45613	71.23	-8.70	-4.10	195.53	-46.94	-1098.65	-121.69	-470.20	-110.61
45614	70.11	-8.70	-4.10	206.21	-55.07	-1094.50	-135.13	-502.43	-102.50
45615	69.00	-8.70	-4.10	216.63	-64.77	-1078.66	-148.30	-529.03	-95.46
45616	67.89	-8.70	-4.10	226.77	-76.55	-1050.28	-160.94	-548.29	-91.09
45617	66.78	-8.70	-4.10	237.29	-90.85	-1009.20	-172.64	-557.50	-91.37
45618	65.67	-8.70	-4.10	250.27	-108.43	-956.82	-183.61	-554.47	-98.51
45619	64.56	-8.70	-4.10	270.67	-130.50	-896.56	-195.42	-538.85	-116.54
45620	63.45	-8.70	-4.10	307.68	-159.38	-831.05	-211.36	-512.61	-145.22
45621	62.34	-8.70	-4.10	364.97	-194.08	-755.03	-238.31	-489.05	-179.44
45622	61.22	-8.70	-4.10	430.90	-235.11	-649.10	-278.58	-471.05	-204.33
45623	77.89	-8.10	-5.50	65.79	74.12	-881.61	-21.52	-232.77	-106.50
45624	76.76	-8.10	-5.50	68.42	74.25	-923.41	-28.10	-275.07	-102.87
45625	75.63	-8.10	-5.50	70.13	73.43	-960.37	-35.00	-318.26	-98.01
45626	74.50	-8.10	-5.50	70.89	71.66	-991.66	-42.07	-361.38	-92.02
45627	73.37	-8.10	-5.50	70.66	68.91	-1016.37	-49.11	-403.37	-85.10
45628	72.24	-8.10	-5.50	69.36	65.17	-1033.54	-55.88	-443.09	-77.56
45629	71.11	-8.10	-5.50	66.87	60.40	-1042.10	-62.13	-479.24	-69.90
45630	69.98	-8.10	-5.50	63.04	54.54	-1040.98	-67.58	-510.38	-62.82
45631	68.85	-8.10	-5.50	57.69	47.52	-1029.23	-71.91	-534.90	-57.34
45632	67.72	-8.10	-5.50	50.81	39.22	-1006.29	-74.90	-550.94	-54.85
45633	66.60	-8.10	-5.50	42.86	29.48	-972.24	-76.46	-556.60	-56.93
45634	65.47	-8.10	-5.50	35.05	18.19	-928.00	-76.96	-550.96	-65.42
45635	64.34	-8.10	-5.50	29.26	4.93	-874.60	-77.87	-534.54	-81.66
45636	63.21	-8.10	-5.50	26.42	-11.17	-811.30	-81.53	-510.38	-104.37
45637	62.08	-8.10	-5.50	22.19	-29.02	-733.57	-89.42	-481.81	-129.72
45638	60.95	-8.10	-5.50	4.93	-46.08	-642.76	-99.72	-440.35	-150.92
45639	77.89	-8.70	-5.50	61.49	64.09	-880.36	-23.39	-228.66	-109.85

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
45640	76.78	-8.70	-5.50	63.79	64.17	-922.14	-30.16	-268.85	-106.21
45641	75.67	-8.70	-5.50	65.31	63.37	-959.52	-37.29	-309.77	-101.35
45642	74.56	-8.70	-5.50	66.04	61.68	-991.75	-44.63	-350.53	-95.36
45643	73.45	-8.70	-5.50	65.96	59.07	-1018.02	-52.00	-390.17	-88.42
45644	72.34	-8.70	-5.50	65.08	55.53	-1037.45	-59.19	-427.59	-80.83
45645	71.23	-8.70	-5.50	63.37	51.02	-1049.10	-65.96	-461.64	-73.06
45646	70.11	-8.70	-5.50	60.79	45.46	-1051.97	-72.04	-491.02	-65.76
45647	69.00	-8.70	-5.50	57.32	38.78	-1045.14	-77.14	-514.37	-59.83
45648	67.89	-8.70	-5.50	53.12	30.86	-1027.97	-81.01	-530.33	-56.78
45649	66.78	-8.70	-5.50	48.70	21.50	-1000.20	-83.50	-537.10	-58.24
45650	65.67	-8.70	-5.50	45.10	10.62	-961.99	-84.84	-534.13	-65.57
45651	64.56	-8.70	-5.50	43.80	-1.58	-913.25	-86.11	-522.90	-81.75
45652	63.45	-8.70	-5.50	44.86	-16.25	-851.82	-89.61	-503.52	-104.97
45653	62.34	-8.70	-5.50	43.11	-32.49	-772.69	-96.46	-480.54	-132.77
45654	61.22	-8.70	-5.50	29.29	-46.31	-677.20	-106.29	-444.04	-160.94
45655	77.89	-8.10	-6.90	-5.89	170.42	-824.69	4.95	-227.98	-78.72
45656	76.76	-8.10	-6.90	-13.67	172.55	-865.17	1.84	-268.18	-74.73
45657	75.63	-8.10	-6.90	-23.20	173.73	-901.96	-1.15	-309.13	-69.78
45658	74.50	-8.10	-6.90	-34.54	173.98	-934.36	-3.84	-349.89	-64.01
45659	73.37	-8.10	-6.90	-47.73	173.28	-961.62	-6.03	-389.41	-57.63
45660	72.24	-8.10	-6.90	-62.81	171.65	-982.87	-7.48	-426.49	-51.01
45661	71.11	-8.10	-6.90	-79.84	169.09	-997.22	-7.97	-459.81	-44.63
45662	69.98	-8.10	-6.90	-98.91	165.59	-1003.70	-7.25	-487.91	-39.18
45663	68.85	-8.10	-6.90	-120.13	161.15	-1001.41	-5.14	-509.26	-35.58
45664	67.72	-8.10	-6.90	-143.61	155.73	-989.56	-1.58	-522.30	-35.06
45665	66.60	-8.10	-6.90	-169.43	149.16	-967.50	3.30	-525.51	-38.81
45666	65.47	-8.10	-6.90	-197.98	141.47	-934.55	9.11	-518.21	-48.12
45667	64.34	-8.10	-6.90	-230.47	132.26	-889.72	14.64	-499.90	-63.68
45668	63.21	-8.10	-6.90	-269.45	120.73	-831.72	18.92	-470.23	-84.55
45669	62.08	-8.10	-6.90	-319.79	107.04	-761.25	22.18	-427.98	-109.55
45670	60.95	-8.10	-6.90	-385.40	90.97	-685.00	25.51	-368.91	-137.57
45671	77.89	-8.70	-6.90	-7.18	161.29	-824.79	4.74	-223.62	-81.24
45672	76.78	-8.70	-6.90	-14.65	163.34	-865.28	1.58	-261.98	-77.28
45673	75.67	-8.70	-6.90	-23.66	164.52	-902.43	-1.48	-300.98	-72.38
45674	74.56	-8.70	-6.90	-34.22	164.83	-935.63	-4.25	-339.78	-66.68
45675	73.45	-8.70	-6.90	-46.35	164.25	-964.16	-6.56	-377.39	-60.38
45676	72.34	-8.70	-6.90	-60.01	162.82	-987.25	-8.17	-412.74	-53.84
45677	71.23	-8.70	-6.90	-75.20	160.51	-1004.03	-8.86	-444.63	-47.53
45678	70.11	-8.70	-6.90	-91.93	157.32	-1013.59	-8.40	-471.77	-42.13
45679	69.00	-8.70	-6.90	-110.20	153.23	-1014.96	-6.59	-492.86	-38.47
45680	67.89	-8.70	-6.90	-130.03	148.29	-1007.22	-3.29	-506.75	-37.95
45681	66.78	-8.70	-6.90	-151.62	142.21	-989.44	1.35	-511.81	-41.90
45682	65.67	-8.70	-6.90	-175.37	135.05	-960.44	7.12	-507.47	-51.10
45683	64.56	-8.70	-6.90	-202.50	127.05	-918.52	13.09	-493.96	-67.91
45684	63.45	-8.70	-6.90	-236.39	116.40	-862.04	17.56	-467.69	-89.90
45685	62.34	-8.70	-6.90	-280.49	103.73	-791.21	21.20	-429.87	-116.01
45686	61.22	-8.70	-6.90	-338.07	89.22	-712.41	25.60	-374.69	-146.29
45687	77.89	-8.10	-8.30	-75.52	275.12	-772.28	33.07	-214.58	-56.27
45688	76.76	-8.10	-8.30	-94.34	279.26	-811.48	33.13	-251.98	-52.38
45689	75.63	-8.10	-8.30	-115.96	282.37	-848.04	33.71	-290.06	-47.81
45690	74.50	-8.10	-8.30	-140.42	284.48	-881.40	34.98	-327.93	-42.72
45691	73.37	-8.10	-8.30	-167.71	285.59	-910.95	37.15	-364.57	-37.35
45692	72.24	-8.10	-8.30	-197.79	285.71	-935.98	40.42	-398.81	-32.05
45693	71.11	-8.10	-8.30	-230.64	284.84	-955.68	44.98	-429.30	-27.30
45694	69.98	-8.10	-8.30	-266.21	282.99	-969.18	50.99	-454.59	-23.70
45695	68.85	-8.10	-8.30	-304.54	280.16	-975.49	58.56	-473.13	-22.08
45696	67.72	-8.10	-8.30	-345.83	276.29	-973.59	67.57	-483.25	-23.44
45697	66.60	-8.10	-8.30	-390.46	271.11	-962.33	77.81	-483.17	-28.69
45698	65.47	-8.10	-8.30	-439.47	264.64	-940.41	88.99	-471.40	-38.75
45699	64.34	-8.10	-8.30	-494.85	256.39	-906.63	100.14	-445.99	-54.18
45700	63.21	-8.10	-8.30	-559.04	245.36	-860.63	110.98	-405.00	-74.46
45701	62.08	-8.10	-8.30	-635.58	231.85	-804.21	122.34	-347.48	-100.12
45702	60.95	-8.10	-8.30	-728.83	215.64	-743.30	134.76	-271.71	-132.18
45703	77.89	-8.70	-8.30	-74.04	266.39	-772.83	34.59	-210.32	-58.51
45704	76.78	-8.70	-8.30	-91.97	270.38	-811.99	34.72	-246.20	-54.70
45705	75.67	-8.70	-8.30	-112.42	273.40	-848.78	35.35	-282.68	-50.26
45706	74.56	-8.70	-8.30	-135.38	275.47	-882.69	36.67	-318.98	-45.33
45707	73.45	-8.70	-8.30	-160.81	276.59	-913.14	38.86	-354.17	-40.14
45708	72.34	-8.70	-8.30	-188.65	276.76	-939.45	42.14	-387.17	-35.06
45709	71.23	-8.70	-8.30	-218.82	275.97	-960.85	46.67	-416.78	-30.55
45710	70.11	-8.70	-8.30	-251.22	274.24	-976.44	52.63	-441.69	-27.20
45711	69.00	-8.70	-8.30	-285.85	271.50	-985.20	60.11	-460.54	-25.76
45712	67.89	-8.70	-8.30	-322.80	267.87	-985.96	69.15	-472.02	-27.43
45713	66.78	-8.70	-8.30	-362.67	262.83	-977.47	79.37	-474.09	-33.20
45714	65.67	-8.70	-8.30	-406.32	256.43	-958.17	90.71	-465.35	-43.43
45715	64.56	-8.70	-8.30	-455.41	248.91	-926.54	102.50	-444.62	-60.19
45716	63.45	-8.70	-8.30	-513.17	238.12	-882.39	113.50	-406.88	-81.15
45717	62.34	-8.70	-8.30	-580.84	224.77	-827.09	125.50	-354.16	-106.91
45718	61.22	-8.70	-8.30	-661.88	209.53	-766.04	140.00	-283.16	-140.22
45719	59.93	-8.10	-2.70	1217.71	-418.57	-349.89	-370.38	-452.62	-138.93
45720	59.03	-8.10	-2.70	1411.81	-363.47	-349.25	-253.63	-292.82	118.32
45721	58.12	-8.10	-2.70	1521.59	-457.79	-634.44	-182.61	-126.66	148.47
45722	57.22	-8.10	-2.70	1575.63	-595.37	-1102.45	6.17	168.45	115.44
45723	56.31	-8.10	-2.70	1737.29	-420.66	-1899.85	273.70	1011.40	402.57
45724	60.21	-8.70	-2.70	1184.99	-480.34	-552.74	-593.34	-527.49	-209.99
45725	59.29	-8.70	-2.70	1296.93	-409.63	-561.22	-471.49	-411.61	-41.35
45726	58.38	-8.70	-2.70	1395.64	-449.84	-808.90	-380.17	-206.33	-76.44
45727	57.46	-8.70	-2.70	1491.51	-668.09	-1265.23	-205.49	92.19	-247.22
45728	56.54	-8.70	-2.70	1669.11	-411.83	-1978.09	-113.99	1024.17	-527.29
45729	59.93	-8.10	-4.10	497.54	-264.35	-473.98	-291.19	-407.01	-163.15
45730	59.03	-8.10	-4.10	556.15	-269.59	-437.66	-261.05	-227.54	-100.29
45731	58.12	-8.10	-4.10	601.97	-274.91	-620.22	-173.98	19.26	-116.85
45732	57.22	-8.10	-4.10	609.06	-261.85	-1021.29	-36.08	413.51	-257.01
45733	56.31	-8.10	-4.10	776.44	-46.35	-1590.48	109.31	1326.37	142.19
45734	60.21	-8.70	-4.10	491.62	-238.45	-512.45	-311.68	-402.17	-181.08
45735	59.29	-8.70	-4.10	547.09	-219.09	-470.82	-299.54	-232.40	-142.71
45736	58.38	-8.70	-4.10	579.35	-213.10	-637.08	-225.50	3.97	-193.82
45737	57.46	-8.70	-4.10	590.40	-205.58	-1035.64	-122.53	371.17	-386.39
45738	56.54	-8.70	-4.10	711.10	62.69	-1642.62	-149.19	1354.95	-784.69

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
45739	59.93	-8.10	-5.50	-32.79	-64.72	-548.04	-104.20	-354.88	-166.11
45740	59.03	-8.10	-5.50	-86.30	-88.65	-535.86	-88.84	-190.56	-196.59
45741	58.12	-8.10	-5.50	-121.36	-108.41	-717.38	-50.88	49.35	-278.98
45742	57.22	-8.10	-5.50	-121.60	-145.89	-1098.90	-22.58	445.47	-487.05
45743	56.31	-8.10	-5.50	-78.24	-175.84	-1569.21	-42.64	1364.17	-139.56
45744	60.21	-8.70	-5.50	-8.06	-62.54	-569.51	-112.92	-360.49	-185.94
45745	59.29	-8.70	-5.50	-62.46	-75.94	-534.62	-96.64	-194.86	-223.32
45746	58.38	-8.70	-5.50	-107.94	-82.57	-690.14	-50.46	41.30	-327.76
45747	57.46	-8.70	-5.50	-132.74	-76.92	-1060.36	-7.97	403.23	-559.52
45748	56.54	-8.70	-5.50	-185.20	-126.07	-1563.39	7.97	1379.30	-960.03
45749	59.93	-8.10	-6.90	-487.96	69.07	-613.24	35.55	-271.46	-175.80
45750	59.03	-8.10	-6.90	-632.18	38.24	-615.05	55.54	-124.71	-245.72
45751	58.12	-8.10	-6.90	-771.62	1.38	-807.55	69.41	45.50	-365.14
45752	57.22	-8.10	-6.90	-838.09	-110.29	-1235.96	20.52	351.20	-604.78
45753	56.31	-8.10	-6.90	-947.73	-295.75	-1749.73	-145.18	1257.68	-299.60
45754	60.21	-8.70	-6.90	-431.44	70.57	-631.62	38.69	-276.99	-187.35
45755	59.29	-8.70	-6.90	-565.96	47.84	-612.11	67.06	-124.34	-259.48
45756	58.38	-8.70	-6.90	-708.07	19.47	-769.55	107.87	56.25	-392.57
45757	57.46	-8.70	-6.90	-823.64	-8.60	-1161.36	104.30	329.63	-641.06
45758	56.54	-8.70	-6.90	-1130.02	-327.28	-1734.27	178.61	1281.16	-1044.49
45759	59.93	-8.10	-8.30	-872.42	192.08	-683.59	154.57	-158.59	-182.42
45760	59.03	-8.10	-8.30	-1094.16	155.08	-672.13	180.85	-9.08	-269.51
45761	58.12	-8.10	-8.30	-1398.45	105.86	-815.87	188.35	106.37	-398.06
45762	57.22	-8.10	-8.30	-1731.79	-72.22	-1313.22	106.32	213.98	-635.05
45763	56.31	-8.10	-8.30	-2073.89	-487.72	-2064.25	-176.75	955.57	-398.05
45764	60.21	-8.70	-8.30	-789.80	186.95	-702.04	165.03	-170.37	-192.44
45765	59.29	-8.70	-8.30	-986.24	156.19	-677.96	205.09	-12.77	-281.89
45766	58.38	-8.70	-8.30	-1260.63	110.55	-791.78	257.53	129.93	-422.48
45767	57.46	-8.70	-8.30	-1618.04	51.21	-1215.03	254.36	250.74	-656.63
45768	56.54	-8.70	-8.30	-2256.09	-540.27	-2041.73	429.40	1067.07	-1066.96
45769	99.88	-9.79	-2.70	-18.70	-228.27	2.78	-79.69	-7.27	-12.91
45770	98.96	-9.75	-2.70	14.66	-236.12	3.14	-69.48	-9.99	-7.12
45771	98.05	-9.70	-2.70	53.47	-237.85	2.31	-58.02	-13.70	-5.55
45772	97.13	-9.66	-2.70	99.09	-240.26	2.94	-37.92	-15.57	-4.51
45773	96.21	-9.62	-2.70	158.43	-269.87	-14.27	13.01	-25.75	-52.88
45774	99.10	-11.34	-2.70	-27.32	-211.57	2.90	-88.95	-10.10	-16.43
45775	98.20	-11.21	-2.70	11.52	-226.79	2.77	-78.28	-11.90	-9.55
45776	97.30	-11.08	-2.70	54.37	-236.01	1.32	-66.24	-14.15	-7.87
45777	96.40	-10.95	-2.70	101.83	-249.49	1.47	-44.69	-12.94	-8.20
45778	95.51	-10.82	-2.70	159.38	-304.00	-39.40	9.23	-14.29	-69.92
45779	98.21	-12.83	-2.70	-36.31	-192.68	2.82	-95.52	-13.82	-19.17
45780	97.34	-12.62	-2.70	8.83	-215.47	2.22	-85.93	-13.95	-11.24
45781	96.46	-12.41	-2.70	55.47	-232.88	0.09	-74.78	-14.61	-9.99
45782	95.59	-12.19	-2.70	104.31	-258.47	-0.18	-52.80	-10.07	-12.35
45783	94.72	-11.98	-2.70	158.93	-341.44	-68.08	2.76	-2.25	-90.49
45784	97.21	-14.25	-2.70	-44.40	-172.08	2.92	-98.95	-17.98	-21.19
45785	96.37	-13.96	-2.70	6.73	-202.45	1.71	-92.35	-16.24	-12.56
45786	95.53	-13.67	-2.70	56.72	-228.31	-1.20	-83.46	-15.13	-12.12
45787	94.69	-13.37	-2.70	106.29	-267.15	-1.96	-62.08	-7.13	-17.34
45788	93.85	-13.08	-2.70	156.75	-381.42	-100.54	-6.33	9.61	-115.31
45789	96.11	-15.59	-2.70	-50.87	-150.48	3.03	-99.12	-22.48	-22.56
45790	95.31	-15.22	-2.70	5.55	-188.00	1.13	-97.38	-18.73	-13.58
45791	94.51	-14.85	-2.70	58.12	-222.34	-2.67	-92.06	-15.80	-14.39
45792	93.71	-14.48	-2.70	107.82	-275.46	-3.89	-72.27	-4.31	-23.36
45793	92.91	-14.11	-2.70	152.80	-424.72	-137.30	-18.28	20.58	-144.40
45794	94.92	-16.85	-2.70	-54.80	-128.60	3.15	-96.11	-27.24	-23.23
45795	94.16	-16.41	-2.70	5.73	-172.39	0.47	-100.88	-21.40	-14.29
45796	93.40	-15.97	-2.70	59.86	-214.98	-4.31	-100.40	-16.66	-16.81
45797	92.65	-15.53	-2.70	109.00	-283.40	-6.04	-83.44	-1.82	-30.41
45798	91.89	-15.08	-2.70	147.07	-469.79	-178.07	-33.38	30.25	-177.73
45799	93.63	-18.02	-2.70	-55.31	-107.16	3.27	-90.15	-32.12	-23.15
45800	92.93	-17.51	-2.70	7.74	-155.94	-0.26	-102.85	-24.19	-14.67
45801	92.22	-17.00	-2.70	62.13	-206.24	-6.13	-108.33	-17.74	-19.37
45802	91.52	-16.49	-2.70	109.71	-290.48	-8.35	-95.52	0.16	-38.52
45803	90.82	-15.98	-2.70	139.11	-516.61	-223.08	-51.71	37.85	-215.81
45804	92.26	-19.09	-2.70	-51.51	-86.84	3.39	-81.70	-37.00	-22.31
45805	91.62	-18.52	-2.70	12.11	-138.93	-1.07	-103.34	-27.06	-14.70
45806	90.97	-17.94	-2.70	65.17	-196.10	-8.11	-115.66	-19.09	-22.04
45807	90.33	-17.37	-2.70	109.99	-296.51	-10.90	-108.20	1.41	-47.71
45808	89.68	-16.80	-2.70	128.36	-564.34	-271.69	-73.53	42.01	-258.42
45809	90.82	-20.05	-2.70	-42.59	-68.23	3.50	-71.36	-41.74	-20.68
45810	90.24	-19.42	-2.70	19.40	-121.71	-1.95	-102.44	-29.96	-14.36
45811	89.65	-18.79	-2.70	69.38	-184.67	-10.24	-122.18	-20.76	-24.80
45812	89.07	-18.17	-2.70	110.03	-301.32	-13.71	-121.27	1.65	-57.89
45813	88.49	-17.54	-2.70	115.01	-611.38	-322.95	-98.27	42.20	-304.28
45814	89.31	-20.91	-2.70	-27.81	-51.83	3.60	-59.93	-46.18	-18.28
45815	88.80	-20.23	-2.70	30.23	-104.62	-2.89	-100.38	-32.82	-13.64
45816	88.28	-19.55	-2.70	75.26	-172.15	-12.50	-127.73	-22.77	-27.59
45817	87.77	-18.87	-2.70	110.22	-304.68	-16.70	-134.42	0.70	-68.82
45818	87.25	-18.19	-2.70	99.10	-657.12	-376.47	-125.59	37.75	-352.93
45819	87.74	-21.65	-2.70	-6.60	-37.98	3.68	-48.40	-50.14	-15.15
45820	87.30	-20.93	-2.70	45.21	-88.01	-3.91	-97.52	-35.56	-12.54
45821	86.86	-20.20	-2.70	83.43	-158.78	-14.88	-132.26	-25.12	-30.31
45822	86.41	-19.48	-2.70	111.01	-306.57	-19.87	-147.40	-1.61	-80.29
45823	85.97	-18.76	-2.70	80.83	-700.65	-431.58	-155.10	28.07	-403.45
45824	86.12	-22.28	-2.70	21.37	-26.82	3.72	-37.89	-53.45	-11.34
45825	85.75	-21.52	-2.70	64.91	-72.21	-4.99	-94.35	-38.08	-11.05
45826	85.39	-20.76	-2.70	94.56	-144.89	-17.34	-135.83	-27.80	-32.91
45827	85.02	-19.99	-2.70	112.97	-307.01	-23.19	-160.00	-5.40	-92.04
45828	84.65	-19.23	-2.70	60.50	-741.10	-487.53	-186.23	12.75	-454.77
45829	84.46	-22.78	-2.70	56.13	-18.25	3.72	-29.65	-55.86	-6.95
45830	84.17	-21.99	-2.70	89.76	-57.44	-6.13	-91.50	-40.26	-9.19
45831	83.88	-21.20	-2.70	109.31	-130.86	-19.87	-138.64	-30.75	-35.29
45832	83.59	-20.41	-2.70	116.74	-306.07	-26.62	-172.12	-10.73	-103.77
45833	83.31	-19.62	-2.70	38.67	-777.68	-543.51	-218.37	-8.40	-505.64
45834	82.77	-23.17	-2.70	97.32	-11.91	3.65	-25.00	-57.15	-2.11
45835	82.56	-22.35	-2.70	119.99	-43.87	-7.32	-89.75	-41.94	-7.00
45836	82.35	-21.54	-2.70	128.27	-117.04	-22.44	-141.02	-33.88	-37.36
45837	82.14	-20.72	-2.70	123.01	-303.90	-30.11	-183.71	-17.59	-115.11



Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
45838	81.94	-19.90	-2.70	16.07	-809.70	-598.64	-250.81	-35.34	-554.73
45839	81.05	-23.42	-2.70	144.11	-7.11	3.53	-25.19	-57.08	2.98
45840	80.92	-22.59	-2.70	155.54	-31.51	-8.56	-89.97	-42.95	-4.54
45841	80.80	-21.76	-2.70	151.92	-103.78	-24.99	-143.51	-37.06	-39.03
45842	80.67	-20.93	-2.70	132.48	-300.68	-33.60	-194.87	-25.91	-125.69
45843	80.55	-20.10	-2.70	-6.30	-836.63	-651.94	-282.87	-67.76	-600.62
45844	79.32	-23.55	-2.70	195.21	-2.91	3.35	-31.34	-55.46	8.08
45845	79.28	-22.71	-2.70	196.07	-20.22	-9.79	-93.06	-43.17	-1.89
45846	79.23	-21.87	-2.70	180.56	-91.36	-27.48	-146.76	-40.19	-40.24
45847	79.19	-21.03	-2.70	145.83	-296.60	-37.06	-205.83	-35.52	-135.14
45848	79.15	-20.20	-2.70	-27.18	-858.14	-702.26	-313.90	-105.04	-641.91
45849	99.88	-9.79	-4.10	-15.01	-164.46	13.56	-60.51	-19.51	-33.87
45850	98.96	-9.75	-4.10	7.24	-164.86	11.76	-52.79	-24.75	-23.21
45851	98.05	-9.70	-4.10	29.05	-162.09	8.07	-42.02	-28.68	-18.94
45852	97.13	-9.66	-4.10	48.24	-159.87	0.76	-24.28	-27.26	-25.63
45853	96.21	-9.62	-4.10	55.42	-152.39	-26.91	-7.48	-14.84	-47.22
45854	99.10	-11.34	-4.10	-22.04	-149.26	13.82	-66.63	-25.84	-40.94
45855	98.20	-11.21	-4.10	2.45	-155.10	10.24	-57.80	-28.29	-28.43
45856	97.30	-11.08	-4.10	25.78	-158.58	4.81	-45.43	-28.20	-24.42
45857	96.40	-10.95	-4.10	46.02	-164.72	-9.67	-26.11	-20.72	-35.06
45858	95.51	-10.82	-4.10	57.35	-162.49	-52.86	-10.71	-5.60	-61.48
45859	98.21	-12.83	-4.10	-29.49	-133.01	13.38	-70.10	-33.88	-47.75
45860	97.34	-12.62	-4.10	-2.17	-144.96	7.76	-61.05	-32.33	-33.89
45861	96.46	-12.41	-4.10	22.64	-155.51	0.41	-47.91	-27.77	-31.09
45862	95.59	-12.19	-4.10	43.62	-170.96	-22.14	-27.78	-13.80	-47.23
45863	94.72	-11.98	-4.10	58.60	-173.60	-83.04	-14.81	4.18	-79.29
45864	97.21	-14.25	-4.10	-35.88	-115.92	13.02	-70.67	-43.02	-53.51
45865	96.37	-13.96	-4.10	-6.00	-134.43	4.99	-62.49	-36.98	-39.07
45866	95.53	-13.67	-4.10	20.07	-152.76	-4.53	-49.38	-27.56	-38.59
45867	94.69	-13.37	-4.10	41.38	-178.40	-36.25	-29.21	-6.91	-61.98
45868	93.85	-13.08	-4.10	59.25	-185.42	-117.10	-19.88	13.56	-100.91
45869	96.11	-15.59	-4.10	-40.50	-98.52	12.60	-68.30	-53.04	-57.97
45870	95.31	-15.22	-4.10	-8.45	-123.81	1.81	-62.09	-42.19	-43.92
45871	94.51	-14.85	-4.10	18.52	-150.50	-10.10	-49.85	-27.78	-46.93
45872	93.71	-14.48	-4.10	39.71	-187.21	-52.09	-30.50	-0.58	-79.43
45873	92.91	-14.11	-4.10	59.56	-197.81	-154.91	-25.80	21.87	-125.71
45874	94.92	-16.85	-4.10	-42.51	-81.52	12.08	-63.14	-63.73	-61.01
45875	94.16	-16.41	-4.10	-8.94	-113.54	-1.78	-59.95	-47.95	-48.38
45876	93.40	-15.97	-4.10	18.46	-149.03	-16.34	-49.47	-28.61	-56.12
45877	92.65	-15.53	-4.10	38.96	-197.46	-69.69	-31.93	4.72	-99.56
45878	91.89	-15.08	-4.10	59.73	-210.22	-196.41	-32.81	28.79	-153.80
45879	93.63	-18.02	-4.10	-41.09	-65.59	11.45	-55.55	-74.87	-62.51
45880	92.93	-17.51	-4.10	-6.88	-104.06	-5.79	-56.36	-54.21	-52.37
45881	92.22	-17.00	-4.10	20.31	-148.56	-23.21	-48.53	-30.26	-66.10
45882	91.52	-16.49	-4.10	39.35	-209.06	-89.00	-33.79	8.48	-122.39
45883	90.82	-15.98	-4.10	59.61	-222.37	-241.57	-40.95	33.49	-185.44
45884	92.26	-19.09	-4.10	-35.49	-51.37	10.70	-46.08	-86.18	-62.40
45885	91.62	-18.52	-4.10	-1.74	-95.72	-10.19	-51.69	-60.93	-55.82
45886	90.97	-17.94	-4.10	24.43	-149.24	-30.71	-47.34	-32.93	-76.80
45887	90.33	-17.37	-4.10	41.11	-221.99	-109.91	-36.37	10.07	-147.79
45888	89.68	-16.80	-4.10	59.12	-234.06	-290.06	-50.12	34.96	-220.34
45889	90.82	-20.05	-4.10	-25.08	-39.34	9.82	-35.45	-97.38	-60.61
45890	90.24	-19.42	-4.10	6.98	-88.82	-14.96	-46.43	-68.05	-58.66
45891	89.65	-18.79	-4.10	31.19	-151.15	-38.79	-46.30	-36.82	-88.07
45892	89.07	-18.17	-4.10	44.43	-236.04	-132.21	-40.03	8.89	-175.36
45893	88.49	-17.54	-4.10	58.32	-244.98	-341.32	-60.16	32.69	-257.79
45894	89.31	-20.91	-4.10	-9.37	-29.87	8.79	-24.56	-108.13	-57.13
45895	88.80	-20.23	-4.10	19.65	-83.57	-20.09	-41.20	-75.47	-60.78
45896	88.28	-19.55	-4.10	40.86	-154.30	-47.38	-45.89	-42.07	-99.66
45897	87.77	-18.87	-4.10	49.44	-250.92	-155.67	-45.07	4.51	-204.57
45898	87.25	-18.19	-4.10	57.36	-254.89	-394.87	-70.89	26.18	-297.23
45899	87.74	-21.65	-4.10	11.92	-23.11	7.59	-14.40	-118.04	-52.01
45900	87.30	-20.93	-4.10	36.54	-80.03	-25.54	-36.69	-83.03	-62.10
45901	86.86	-20.20	-4.10	53.62	-158.57	-56.43	-46.61	-48.75	-111.30
45902	86.41	-19.48	-4.10	56.25	-266.28	-180.05	-51.79	-3.44	-234.86
45903	85.97	-18.76	-4.10	56.42	-263.63	-450.16	-82.16	14.99	-337.93
45904	86.12	-22.28	-4.10	38.80	-19.00	6.18	-6.09	-126.70	-45.32
45905	85.75	-21.52	-4.10	57.76	-78.11	-31.29	-33.66	-90.51	-62.55
45906	85.39	-20.76	-4.10	69.57	-163.73	-65.84	-48.98	-56.88	-122.70
45907	85.02	-19.99	-4.10	64.89	-281.71	-205.06	-60.48	-15.18	-265.52
45908	84.65	-19.23	-4.10	55.74	-271.07	-506.54	-93.78	-1.16	-379.05
45909	84.46	-22.78	-4.10	70.97	-17.21	4.51	-0.75	-133.58	-37.24
45910	84.17	-21.99	-4.10	83.20	-77.58	-37.33	-32.89	-97.63	-62.08
45911	83.88	-21.20	-4.10	88.65	-169.45	-75.55	-53.51	-66.32	-133.52
45912	83.59	-20.41	-4.10	75.34	-296.71	-230.39	-71.40	-30.81	-295.79
45913	83.31	-19.62	-4.10	55.63	-277.15	-563.28	-105.60	-22.40	-419.64
45914	82.77	-23.17	-4.10	107.79	-17.13	2.55	0.52	-138.10	-28.01
45915	82.56	-22.35	-4.10	112.51	-77.98	-43.60	-35.13	-104.01	-60.67
45916	82.35	-21.54	-4.10	110.67	-175.26	-85.43	-60.72	-76.88	-143.43
45917	82.14	-20.72	-4.10	87.52	-310.72	-255.66	-84.75	-50.23	-324.79
45918	81.94	-19.90	-4.10	56.44	-281.86	-619.56	-117.51	-48.68	-458.67
45919	81.05	-23.42	-4.10	148.19	-17.90	0.33	-3.25	-139.69	-18.02
45920	80.92	-22.59	-4.10	145.04	-78.72	-50.02	-41.09	-109.20	-58.37
45921	80.80	-21.76	-4.10	135.21	-180.58	-95.33	-71.02	-88.22	-152.06
45922	80.67	-20.93	-4.10	101.26	-323.13	-280.45	-100.65	-73.18	-351.63
45923	80.55	-20.10	-4.10	58.55	-285.22	-674.49	-129.44	-79.72	-495.03
45924	79.32	-23.55	-4.10	190.75	-18.44	-2.05	-12.79	-137.83	-7.79
45925	79.28	-22.71	-4.10	179.91	-79.04	-56.39	-51.34	-112.81	-55.27
45926	79.23	-21.87	-4.10	161.74	-184.76	-105.05	-84.74	-99.99	-159.11
45927	79.19	-21.03	-4.10	116.36	-333.29	-304.31	-119.15	-99.22	-375.42
45928	79.15	-20.20	-4.10	62.37	-287.33	-727.12	-141.42	-114.99	-527.72
45929	99.88	-9.79	-5.50	-11.39	-106.46	31.32	-40.59	-26.38	-46.10
45930	98.96	-9.75	-5.50	0.13	-99.49	23.70	-34.53	-31.78	-34.59
45931	98.05	-9.70	-5.50	9.74	-91.30	13.55	-25.35	-32.70	-29.99
45932	97.13	-9.66	-5.50	15.59	-81.54	-3.43	-13.89	-25.77	-33.28
45933	96.21	-9.62	-5.50	19.40	-69.66	-37.01	-3.17	-10.96	-44.52
45934	99.10	-11.34	-5.50	-16.33	-95.16	30.38	-44.03	-34.41	-56.38
45935	98.20	-11.21	-5.50	-4.12	-91.79	19.89	-36.78	-35.89	-43.06
45936	97.30	-11.08	-5.50	6.39	-87.85	6.12	-26.25	-31.94	-38.58

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
45937	96.40	-10.95	-5.50	14.25	-82.15	-17.71	-14.34	-20.68	-43.72
45938	95.51	-10.82	-5.50	20.78	-73.05	-61.01	-4.55	-4.60	-56.69
45939	98.21	-12.83	-5.50	-21.29	-82.64	28.54	-45.18	-44.48	-65.90
45940	97.34	-12.62	-5.50	-8.02	-83.47	14.74	-37.21	-40.61	-51.58
45941	96.46	-12.41	-5.50	3.36	-84.50	-3.08	-25.89	-31.25	-48.43
45942	95.59	-12.19	-5.50	13.06	-83.13	-34.64	-14.25	-15.27	-56.57
45943	94.72	-11.98	-5.50	22.09	-76.63	-88.93	-6.05	2.05	-71.59
45944	97.21	-14.25	-5.50	-25.12	-69.66	26.09	-43.92	-55.96	-74.42
45945	96.37	-13.96	-5.50	-11.02	-75.24	8.48	-35.85	-46.14	-60.23
45946	95.53	-13.67	-5.50	1.07	-81.75	-13.86	-24.30	-30.92	-59.69
45947	94.69	-13.37	-5.50	12.29	-84.80	-54.09	-13.60	-10.09	-72.00
45948	93.85	-13.08	-5.50	23.34	-80.44	-120.60	-7.77	8.15	-89.67
45949	96.11	-15.59	-5.50	-27.20	-56.76	23.15	-40.30	-68.66	-81.53
45950	95.31	-15.22	-5.50	-12.51	-67.46	1.25	-32.77	-52.48	-68.79
45951	94.51	-14.85	-5.50	0.01	-79.91	-26.10	-21.57	-31.25	-72.28
45952	93.71	-14.48	-5.50	12.33	-87.35	-75.90	-12.49	-5.69	-90.01
45953	92.91	-14.11	-5.50	24.79	-84.78	-155.83	-9.61	13.21	-110.31
45954	94.92	-16.85	-5.50	-26.82	-44.52	19.70	-34.54	-82.32	-87.02
45955	94.16	-16.41	-5.50	-11.94	-60.59	-6.96	-28.17	-59.68	-77.15
45956	93.40	-15.97	-5.50	0.66	-79.28	-39.79	-17.95	-32.54	-86.15
45957	92.65	-15.53	-5.50	13.54	-90.94	-100.05	-11.16	-2.53	-110.48
45958	91.89	-15.08	-5.50	26.70	-89.27	-194.44	-11.85	16.93	-133.60
45959	93.63	-18.02	-5.50	-23.35	-33.53	15.74	-27.02	-96.70	-90.72
45960	92.93	-17.51	-5.50	-8.78	-55.02	-16.10	-22.41	-67.75	-85.19
45961	92.22	-17.00	-5.50	3.44	-80.13	-54.87	-13.80	-35.10	-101.19
45962	91.52	-16.49	-5.50	16.14	-95.53	-126.43	-9.90	-1.15	-133.34
45963	90.82	-15.98	-5.50	28.95	-93.79	-236.31	-14.56	18.60	-159.68
45964	92.26	-19.09	-5.50	-16.22	-24.27	11.29	-18.30	-111.50	-92.49
45965	91.62	-18.52	-5.50	-2.58	-51.11	-26.15	-15.98	-76.70	-92.77
45966	90.97	-17.94	-5.50	8.66	-82.61	-71.30	-9.57	-39.22	-117.23
45967	90.33	-17.37	-5.50	20.30	-101.19	-154.92	-8.99	-2.11	-158.42
45968	89.68	-16.80	-5.50	31.55	-98.30	-281.19	-17.76	17.43	-188.21
45969	90.82	-20.05	-5.50	-4.99	-17.12	6.35	-9.05	-126.38	-92.25
45970	90.24	-19.42	-5.50	7.01	-49.08	-37.04	-9.48	-86.50	-99.73
45971	89.65	-18.79	-5.50	16.59	-86.82	-88.94	-5.78	-45.19	-134.02
45972	89.07	-18.17	-5.50	26.16	-107.87	-185.28	-8.76	-5.96	-185.32
45973	88.49	-17.54	-5.50	34.60	-102.63	-328.64	-21.45	12.97	-218.63
45974	89.31	-20.91	-5.50	10.61	-12.31	0.91	-0.09	-140.95	-89.91
45975	88.80	-20.23	-5.50	20.18	-49.05	-48.73	-3.58	-97.06	-105.89
45976	88.28	-19.55	-5.50	27.33	-92.73	-107.68	-3.00	-53.20	-151.21
45977	87.77	-18.87	-5.50	33.78	-115.45	-217.24	-9.56	-13.09	-213.51
45978	87.25	-18.19	-5.50	38.16	-106.72	-378.27	-25.67	4.81	-250.44
45979	87.74	-21.65	-5.50	30.64	-9.88	-5.06	7.67	-154.75	-85.49
45980	87.30	-20.93	-5.50	36.98	-50.95	-61.14	0.95	-108.23	-111.07
45981	86.86	-20.20	-5.50	40.89	-100.13	-127.35	-1.84	-63.36	-168.41
45982	86.41	-19.48	-5.50	43.16	-123.72	-250.49	-11.74	-23.79	-242.40
45983	85.97	-18.76	-5.50	42.31	-110.46	-429.58	-30.46	-7.38	-283.00
45984	86.12	-22.28	-5.50	54.91	-9.65	-11.59	13.30	-167.23	-79.04
45985	85.75	-21.52	-5.50	57.25	-54.55	-74.23	3.38	-119.73	-115.08
45986	85.39	-20.76	-5.50	57.12	-108.72	-147.79	-2.88	-75.65	-185.16
45987	85.02	-19.99	-5.50	54.22	-132.43	-284.70	-15.62	-38.22	-271.32
45988	84.65	-19.23	-5.50	47.14	-113.77	-482.03	-35.85	-23.81	-315.60
45989	84.46	-22.78	-5.50	82.99	-11.20	-18.77	15.90	-177.74	-70.71
45990	84.17	-21.99	-5.50	80.67	-59.42	-87.97	2.99	-131.18	-117.80
45991	83.88	-21.20	-5.50	75.71	-118.01	-168.85	-6.64	-89.91	-201.02
45992	83.59	-20.41	-5.50	66.80	-141.20	-319.50	-21.49	-56.40	-299.52
45993	83.31	-19.62	-5.50	52.69	-116.54	-535.01	-41.87	-44.52	-347.45
45994	82.77	-23.17	-5.50	114.18	-13.89	-26.65	14.64	-185.49	-60.75
45995	82.56	-22.35	-5.50	106.64	-64.94	-102.28	-0.86	-142.05	-119.12
45996	82.35	-21.54	-5.50	96.20	-127.39	-190.29	-13.56	-105.80	-215.48
45997	82.14	-20.72	-5.50	80.63	-149.59	-354.42	-29.59	-78.12	-326.20
45998	81.94	-19.90	-5.50	59.02	-118.68	-587.83	-48.56	-69.40	-377.69
45999	81.05	-23.42	-5.50	147.40	-16.88	-35.10	8.86	-189.62	-49.59
46000	80.92	-22.59	-5.50	134.35	-70.34	-116.93	-8.64	-151.66	-118.99
46001	80.80	-21.76	-5.50	117.92	-136.11	-211.79	-23.94	-122.84	-228.05
46002	80.67	-20.93	-5.50	95.34	-157.09	-388.96	-40.05	-103.02	-350.52
46003	80.55	-20.10	-5.50	66.13	-120.06	-639.70	-55.95	-98.14	-405.43
46004	79.32	-23.55	-5.50	181.26	-19.17	-43.81	-1.89	-189.36	-37.82
46005	79.28	-22.71	-5.50	162.65	-74.71	-131.54	-20.65	-159.38	-117.43
46006	79.23	-21.87	-5.50	140.04	-143.35	-232.91	-37.95	-140.46	-238.27
46007	79.19	-21.03	-5.50	110.47	-163.16	-422.53	-52.96	-130.60	-371.65
46008	79.15	-20.20	-5.50	74.02	-120.58	-689.84	-64.10	-130.27	-429.85
46009	99.88	-9.79	-6.90	-7.13	-52.56	51.70	-21.26	-28.57	-52.54
46010	98.96	-9.75	-6.90	-3.50	-39.13	36.23	-16.06	-33.07	-41.60
46011	98.05	-9.70	-6.90	-1.31	-25.09	18.40	-8.62	-31.78	-36.35
46012	97.13	-9.66	-6.90	-0.33	-10.14	-6.51	-0.15	-23.45	-36.85
46013	96.21	-9.62	-6.90	0.91	5.86	-44.06	7.61	-9.50	-42.45
46014	99.10	-11.34	-6.90	-9.63	-45.07	48.56	-22.37	-37.35	-64.58
46015	98.20	-11.21	-6.90	-5.90	-33.72	29.85	-16.11	-37.53	-51.98
46016	97.30	-11.08	-6.90	-3.03	-22.07	8.18	-7.80	-31.80	-46.19
46017	96.40	-10.95	-6.90	-0.63	-9.35	-22.14	0.93	-20.12	-47.15
46018	95.51	-10.82	-6.90	2.39	5.22	-66.08	8.06	-5.00	-53.26
46019	98.21	-12.83	-6.90	-11.94	-36.81	43.94	-21.77	-48.35	-75.84
46020	97.34	-12.62	-6.90	-7.89	-27.98	21.57	-14.72	-42.69	-62.49
46021	96.46	-12.41	-6.90	-4.32	-19.14	-4.35	-5.90	-31.95	-57.27
46022	95.59	-12.19	-6.90	-0.60	-8.70	-40.68	2.56	-16.63	-59.54
46023	94.72	-11.98	-6.90	4.03	4.60	-91.72	8.63	-0.39	-66.36
46024	97.21	-14.25	-6.90	-13.13	-28.25	37.92	-19.40	-60.89	-86.03
46025	96.37	-13.96	-6.90	-8.95	-22.37	11.50	-11.93	-48.74	-73.23
46026	95.53	-13.67	-6.90	-4.82	-16.60	-19.06	-2.98	-32.57	-69.72
46027	94.69	-13.37	-6.90	-0.02	-8.42	-62.02	4.74	-13.50	-74.16
46028	93.85	-13.08	-6.90	5.90	3.98	-120.81	9.28	3.55	-82.16
46029	96.11	-15.59	-6.90	-12.73	-19.93	30.62	-15.38	-74.83	-94.84
46030	95.31	-15.22	-6.90	-8.61	-17.32	-0.25	-7.84	-55.75	-84.06
46031	94.51	-14.85	-6.90	-4.17	-14.80	-35.85	0.83	-33.99	-83.52
46032	93.71	-14.48	-6.90	1.38	-8.76	-86.03	7.40	-11.24	-91.02
46033	92.91	-14.11	-6.90	8.19	2.92	-153.23	10.00	6.42	-100.03
46034	94.92	-16.85	-6.90	-10.26	-12.32	22.11	-9.96	-89.91	-101.99
46035	94.16	-16.41	-6.90	-6.45	-13.19	-13.59	-2.68	-63.82	-94.83

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
46036	93.40	-15.97	-6.90	-2.00	-14.02	-54.64	5.32	-36.56	-98.58
46037	92.65	-15.53	-6.90	3.89	-9.92	-112.62	10.30	-10.31	-109.97
46038	91.89	-15.08	-6.90	11.12	1.73	-188.77	10.56	7.98	-120.13
46039	93.63	-18.02	-6.90	-5.28	-5.85	12.45	-3.48	-105.89	-107.27
46040	92.93	-17.51	-6.90	-2.09	-10.32	-28.47	3.19	-73.00	-105.36
46041	92.22	-17.00	-6.90	1.99	-14.48	-75.37	10.15	-40.58	-114.73
46042	91.52	-16.49	-6.90	7.65	-11.90	-141.68	13.18	-11.16	-130.90
46043	90.82	-15.98	-6.90	14.56	0.43	-227.30	10.85	7.58	-142.54
46044	92.26	-19.09	-6.90	2.58	-0.88	1.70	3.59	-122.49	-110.52
46045	91.62	-18.52	-6.90	4.75	-8.98	-44.81	9.34	-83.34	-115.47
46046	90.97	-17.94	-6.90	8.00	-16.33	-97.92	14.93	-46.35	-131.76
46047	90.33	-17.37	-6.90	12.76	-14.77	-173.06	15.81	-14.31	-153.60
46048	89.68	-16.80	-6.90	18.52	-1.05	-268.60	10.81	4.57	-166.88
46049	90.82	-20.05	-6.90	13.57	2.34	-10.10	10.66	-139.35	-111.61
46050	90.24	-19.42	-6.90	14.28	-9.32	-62.51	15.23	-94.84	-124.94
46051	89.65	-18.79	-6.90	16.15	-19.65	-122.17	19.21	-54.14	-149.37
46052	89.07	-18.17	-6.90	19.28	-18.56	-206.55	17.88	-20.19	-177.66
46053	88.49	-17.54	-6.90	23.01	-2.56	-312.34	10.37	-1.42	-192.66
46054	89.31	-20.91	-6.90	27.77	3.71	-22.92	17.08	-156.07	-110.43
46055	88.80	-20.23	-6.90	26.54	-11.40	-81.49	20.27	-107.40	-133.53
46056	88.28	-19.55	-6.90	26.47	-24.40	-147.93	22.50	-64.13	-167.18
46057	87.77	-18.87	-6.90	27.18	-23.17	-241.87	19.05	-29.12	-202.58
46058	87.25	-18.19	-6.90	28.02	-4.11	-358.15	9.45	-10.75	-219.41
46059	87.74	-21.65	-6.90	45.09	3.27	-36.76	22.13	-172.15	-106.95
46060	87.30	-20.93	-6.90	41.42	-15.10	-101.63	23.83	-120.87	-140.99
46061	86.86	-20.20	-6.90	38.82	-30.45	-175.03	24.28	-76.38	-184.75
46062	86.41	-19.48	-6.90	36.38	-28.49	-278.71	19.03	-41.33	-227.83
46063	85.97	-18.76	-6.90	33.51	-5.64	-405.63	7.94	-23.65	-246.56
46064	86.12	-22.28	-6.90	65.24	1.24	-51.64	25.12	-187.02	-101.19
46065	85.75	-21.52	-6.90	58.67	-20.16	-122.87	25.29	-134.96	-147.10
46066	85.39	-20.76	-6.90	52.96	-37.51	-203.26	24.07	-90.83	-201.65
46067	85.02	-19.99	-6.90	46.69	-34.31	-316.76	17.52	-56.91	-252.79
46068	84.65	-19.23	-6.90	39.41	-7.09	-454.32	5.76	-40.26	-273.47
46069	84.46	-22.78	-6.90	87.76	-1.97	-67.68	25.40	-199.98	-93.28
46070	84.17	-21.99	-6.90	77.86	-26.18	-145.18	24.12	-149.26	-151.69
46071	83.88	-21.20	-6.90	68.53	-45.19	-232.45	21.47	-107.29	-217.41
46072	83.59	-20.41	-6.90	57.87	-40.34	-355.64	14.27	-75.77	-276.80
46073	83.31	-19.62	-6.90	45.64	-8.37	-503.71	2.85	-60.58	-299.47
46074	82.77	-23.17	-6.90	112.04	-5.80	-84.96	22.43	-210.11	-83.47
46075	82.56	-22.35	-6.90	98.45	-32.56	-168.49	19.90	-163.11	-154.61
46076	82.35	-21.54	-6.90	85.04	-52.96	-262.34	16.19	-125.30	-231.57
46077	82.14	-20.72	-6.90	69.56	-46.21	-394.92	9.13	-97.67	-299.16
46078	81.94	-19.90	-6.90	52.06	-9.33	-553.22	-0.83	-84.43	-323.82
46079	81.05	-23.42	-6.90	137.18	-9.49	-103.27	15.85	-216.29	-72.15
46080	80.92	-22.59	-6.90	119.64	-38.57	-192.50	12.41	-175.63	-155.76
46081	80.80	-21.76	-6.90	101.83	-60.15	-292.54	8.10	-144.26	-243.61
46082	80.67	-20.93	-6.90	81.31	-51.46	-434.10	2.04	-122.15	-319.14
46083	80.55	-20.10	-6.90	58.50	-9.84	-602.21	-5.30	-111.49	-345.77
46084	79.32	-23.55	-6.90	161.89	-12.23	-121.90	5.46	-217.46	-59.92
46085	79.28	-22.71	-6.90	140.29	-43.43	-216.51	1.56	-185.93	-155.06
46086	79.23	-21.87	-6.90	117.99	-66.05	-322.42	-2.81	-163.43	-253.03
46087	79.19	-21.03	-6.90	92.55	-55.61	-472.52	-7.00	-148.64	-335.99
46088	79.15	-20.20	-6.90	64.72	-9.70	-650.00	-10.57	-141.27	-364.60
46089	99.88	-9.79	-8.30	-2.07	-0.73	71.54	-2.25	-27.66	-53.95
46090	98.96	-9.75	-8.30	-3.74	18.77	48.68	2.53	-31.20	-43.91
46091	98.05	-9.70	-8.30	-5.93	38.39	23.55	8.96	-29.40	-38.25
46092	97.13	-9.66	-8.30	-7.79	58.26	-7.85	15.83	-21.62	-36.85
46093	96.21	-9.62	-8.30	-8.37	78.38	-48.61	22.11	-9.39	-39.15
46094	99.10	-11.34	-8.30	-2.09	2.59	65.78	-1.23	-36.61	-66.56
46095	98.20	-11.21	-8.30	-3.94	21.28	40.06	4.49	-35.96	-54.93
46096	97.30	-11.08	-8.30	-5.85	39.81	11.56	11.52	-30.18	-48.24
46097	96.40	-10.95	-8.30	-6.92	58.69	-23.86	18.54	-19.56	-46.53
46098	95.51	-10.82	-8.30	-6.51	78.30	-68.88	24.36	-6.11	-48.77
46099	98.21	-12.83	-8.30	-1.76	6.31	57.71	0.83	-47.84	-78.47
46100	97.34	-12.62	-8.30	-3.68	23.88	-28.99	7.35	-41.45	-66.08
46101	96.46	-12.41	-8.30	-5.26	41.14	-3.07	14.79	-31.15	-59.33
46102	95.59	-12.19	-8.30	-5.59	59.08	-42.84	21.62	-17.45	-57.99
46103	94.72	-11.98	-8.30	-4.37	78.31	-92.45	26.76	-2.84	-60.30
46104	97.21	-14.25	-8.30	-0.39	10.11	47.32	3.91	-60.67	-89.32
46105	96.37	-13.96	-8.30	-2.54	26.27	15.51	11.06	-47.88	-77.44
46106	95.53	-13.67	-8.30	-3.92	42.14	-20.28	18.68	-32.64	-71.64
46107	94.69	-13.37	-8.30	-3.71	59.22	-64.67	25.05	-15.77	-71.34
46108	93.85	-13.08	-8.30	-1.90	78.37	-119.16	29.25	-0.29	-74.17
46109	96.11	-15.59	-8.30	2.29	13.62	34.70	7.87	-74.92	-98.77
46110	95.31	-15.22	-8.30	-0.22	28.14	-0.26	15.47	-55.32	-88.90
46111	94.51	-14.85	-8.30	-1.60	42.55	-39.96	23.07	-35.00	-85.16
46112	93.71	-14.48	-8.30	-1.09	58.91	-89.28	28.76	-15.01	-86.61
46113	92.91	-14.11	-8.30	1.02	77.99	-148.95	31.80	1.20	-89.77
46114	94.92	-16.85	-8.30	6.52	16.46	20.04	12.45	-90.37	-106.55
46115	94.16	-16.41	-8.30	3.50	29.21	-18.22	20.39	-63.88	-100.29
46116	93.40	-15.97	-8.30	1.91	42.15	-62.04	27.77	-38.55	-99.79
46117	92.65	-15.53	-8.30	2.41	57.97	-116.57	32.54	-15.56	-103.64
46118	91.89	-15.08	-8.30	4.49	77.50	-181.64	34.18	1.43	-107.26
46119	93.63	-18.02	-8.30	12.53	18.37	3.49	17.36	-106.80	-112.45
46120	92.93	-17.51	-8.30	8.81	29.24	-38.24	25.51	-73.65	-111.42
46121	92.22	-17.00	-8.30	6.74	40.79	-86.41	32.51	-43.59	-115.33
46122	91.52	-16.49	-8.30	6.83	56.41	-146.44	36.19	-17.84	-122.31
46123	90.82	-15.98	-8.30	8.39	76.84	-217.16	36.32	-0.19	-126.69
46124	92.26	-19.09	-8.30	20.47	19.15	-14.86	22.25	-123.94	-116.32
46125	91.62	-18.52	-8.30	15.83	28.08	-60.23	30.50	-84.68	-122.08
46126	90.97	-17.94	-8.30	12.95	38.37	-112.97	36.99	-50.39	-131.55
46127	90.33	-17.37	-8.30	12.16	54.15	-178.75	39.52	-22.28	-142.35
46128	89.68	-16.80	-8.30	12.62	75.94	-255.31	38.10	-4.21	-147.68
46129	90.82	-20.05	-8.30	30.40	18.70	-34.90	26.69	-141.44	-117.98
46130	90.24	-19.42	-8.30	24.60	25.66	-84.06	34.95	-96.96	-132.03
46131	89.65	-18.79	-8.30	20.55	34.84	-141.56	40.87	-59.18	-148.12
46132	89.07	-18.17	-8.30	18.38	51.17	-213.32	42.27	-29.25	-163.39
46133	88.49	-17.54	-8.30	17.14	74.92	-295.81	39.47	-10.95	-169.77
46134	89.31	-20.91	-8.30	42.26	17.01	-56.55	30.24	-158.90	-117.32

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
46135	88.80	-20.23	-8.30	35.05	21.96	-109.60	38.41	-110.40	-140.99
46136	88.28	-19.55	-8.30	29.43	30.22	-172.00	43.76	-70.09	-164.65
46137	87.77	-18.87	-8.30	25.35	47.52	-249.87	44.20	-38.99	-184.94
46138	87.25	-18.19	-8.30	21.83	73.74	-338.36	40.33	-20.68	-192.51
46139	87.74	-21.65	-8.30	55.83	14.18	-79.74	32.40	-175.83	-114.28
46140	87.30	-20.93	-8.30	46.94	17.13	-136.72	40.43	-124.81	-148.70
46141	86.86	-20.20	-8.30	39.38	24.65	-204.08	45.29	-83.15	-180.74
46142	86.41	-19.48	-8.30	32.90	43.30	-288.12	45.06	-51.67	-206.52
46143	85.97	-18.76	-8.30	26.56	72.46	-382.61	40.57	-33.59	-215.40
46144	86.12	-22.28	-8.30	70.75	10.44	-104.46	32.72	-191.67	-108.88
46145	85.75	-21.52	-8.30	59.92	11.40	-165.31	40.59	-139.93	-154.94
46146	85.39	-20.76	-8.30	50.08	18.36	-237.60	45.10	-98.28	-195.98
46147	85.02	-19.99	-8.30	40.76	38.68	-327.78	44.64	-67.31	-227.59
46148	84.65	-19.23	-8.30	31.14	71.13	-428.16	40.12	-49.77	-237.89
46149	84.46	-22.78	-8.30	86.57	6.15	-130.87	30.85	-205.78	-101.26
46150	84.17	-21.99	-8.30	73.57	5.13	-195.38	38.54	-155.36	-159.57
46151	83.88	-21.20	-8.30	61.15	11.65	-272.39	42.94	-115.24	-209.96
46152	83.59	-20.41	-8.30	48.61	33.86	-368.51	42.79	-85.80	-247.60
46153	83.31	-19.62	-8.30	35.37	69.86	-474.60	38.94	-69.17	-259.38
46154	82.77	-23.17	-8.30	102.89	1.76	-159.22	26.55	-217.23	-91.68
46155	82.56	-22.35	-8.30	87.48	-1.23	-226.98	34.10	-170.44	-162.52
46156	82.35	-21.54	-8.30	72.14	4.94	-308.26	38.71	-133.59	-222.32
46157	82.14	-20.72	-8.30	56.10	29.15	-409.94	39.46	-106.84	-265.95
46158	81.94	-19.90	-8.30	39.01	68.79	-521.45	37.07	-91.60	-279.23
46159	81.05	-23.42	-8.30	119.14	-2.14	-189.38	19.75	-224.60	-80.49
46160	80.92	-22.59	-8.30	101.07	-7.06	-259.88	27.35	-184.06	-163.69
46161	80.80	-21.76	-8.30	82.49	-1.24	-344.83	32.51	-152.56	-232.62
46162	80.67	-20.93	-8.30	62.74	24.93	-451.60	34.74	-129.94	-282.02
46163	80.55	-20.10	-8.30	41.76	68.09	-568.18	34.54	-116.72	-296.80
46164	79.32	-23.55	-8.30	134.22	-4.95	-219.96	10.56	-226.31	-68.20
46165	79.28	-22.71	-8.30	113.28	-11.69	-292.99	18.55	-194.96	-162.85
46166	79.23	-21.87	-8.30	91.34	-6.25	-381.34	24.55	-171.26	-240.29
46167	79.19	-21.03	-8.30	67.95	21.66	-492.88	28.78	-154.48	-295.13
46168	79.15	-20.20	-8.30	43.29	67.96	-614.23	31.46	-144.06	-311.47
46169	60.69	-9.62	-2.70	1061.04	-723.73	-553.35	-874.93	-425.85	-402.52
46170	59.77	-9.66	-2.70	1225.35	-608.46	-341.76	-791.82	-264.08	-267.34
46171	58.85	-9.70	-2.70	1303.51	-613.22	-447.26	-719.96	-121.14	-332.57
46172	57.94	-9.75	-2.70	1315.17	-742.38	-632.45	-676.92	60.02	-514.82
46173	57.02	-9.79	-2.70	974.85	-537.82	-1036.38	-600.92	586.28	-1219.49
46174	61.39	-10.82	-2.70	880.53	-711.37	-482.10	-783.17	-344.67	-365.78
46175	60.50	-10.95	-2.70	1150.25	-395.72	-23.24	-675.14	-95.96	-76.24
46176	59.60	-11.08	-2.70	1207.87	-299.89	-21.83	-682.95	-11.76	-82.41
46177	58.70	-11.21	-2.70	1080.15	-156.49	-4.49	-713.33	69.90	-120.80
46178	57.80	-11.34	-2.70	497.25	106.90	-28.32	-451.50	200.97	-348.81
46179	62.18	-11.98	-2.70	720.00	-734.04	-573.92	-727.09	-381.37	-418.02
46180	61.31	-12.19	-2.70	995.46	-319.48	-39.73	-624.71	-104.67	-71.71
46181	60.44	-12.41	-2.70	1024.93	-143.90	-34.87	-616.42	-11.09	-50.66
46182	59.56	-12.62	-2.70	843.02	29.30	-32.96	-603.40	55.36	-73.69
46183	58.69	-12.83	-2.70	434.91	262.02	-32.37	-414.19	154.70	-206.35
46184	63.05	-13.08	-2.70	571.05	-754.45	-644.64	-672.50	-408.57	-464.69
46185	62.21	-13.37	-2.70	870.50	-285.41	-40.54	-566.38	-106.69	-82.52
46186	61.37	-13.67	-2.70	899.63	-78.78	-30.83	-542.53	-10.30	-42.98
46187	60.53	-13.96	-2.70	754.70	95.08	-17.28	-524.00	50.76	-51.12
46188	59.69	-14.25	-2.70	433.85	305.36	-8.76	-410.05	121.30	-137.59
46189	63.99	-14.11	-2.70	435.89	-775.98	-713.67	-626.08	-432.36	-515.77
46190	63.19	-14.48	-2.70	766.08	-267.62	-45.51	-510.40	-111.28	-94.90
46191	62.39	-14.85	-2.70	814.64	-47.80	-34.58	-478.15	-15.33	-40.52
46192	61.59	-15.22	-2.70	706.83	118.39	-18.52	-467.25	40.93	-35.85
46193	60.79	-15.59	-2.70	456.56	305.06	-6.66	-403.94	99.08	-92.55
46194	65.01	-15.08	-2.70	317.69	-795.86	-771.99	-587.11	-447.37	-564.54
46195	64.25	-15.53	-2.70	676.72	-258.56	-48.82	-460.52	-115.78	-107.30
46196	63.50	-15.97	-2.70	747.14	-32.18	-36.73	-422.19	-22.43	-38.47
46197	62.74	-16.41	-2.70	676.19	122.18	-18.32	-418.99	29.82	-22.90
46198	61.98	-16.85	-2.70	482.69	281.56	-4.21	-391.04	79.29	-59.12
46199	66.08	-15.98	-2.70	215.93	-815.67	-820.44	-554.95	-452.72	-611.22
46200	65.38	-16.49	-2.70	596.90	-254.62	-51.05	-416.82	-118.52	-118.81
46201	64.68	-17.00	-2.70	686.63	-25.45	-38.42	-372.68	-29.95	-36.99
46202	63.97	-17.51	-2.70	648.59	114.80	-18.55	-374.02	18.07	-12.07
46203	63.27	-18.02	-2.70	504.60	245.23	-3.08	-368.72	60.21	-33.07
46204	67.22	-16.80	-2.70	130.58	-834.74	-856.90	-527.69	-445.94	-654.02
46205	66.57	-17.37	-2.70	524.04	-254.31	-52.38	-378.90	-118.71	-129.37
46206	65.93	-17.94	-2.70	628.10	-24.31	-39.34	-328.51	-36.79	-36.21
46207	65.28	-18.52	-2.70	618.21	101.11	-18.37	-330.35	6.47	-3.59
46208	64.64	-19.09	-2.70	517.34	202.90	-2.01	-337.27	41.55	-12.97
46209	68.41	-17.54	-2.70	61.90	-851.41	-879.83	-504.18	-428.45	-688.77
46210	67.83	-18.17	-2.70	457.20	-256.53	-52.98	-346.14	-115.90	-138.63
46211	67.25	-18.79	-2.70	569.80	-26.75	-39.62	-289.37	-42.33	-36.20
46212	66.66	-19.42	-2.70	582.53	84.42	-17.93	-287.93	-4.37	2.48
46213	66.08	-20.05	-2.70	518.35	159.71	-1.02	-298.49	23.69	1.90
46214	69.65	-18.19	-2.70	9.20	-865.84	-890.44	-482.93	-401.69	-715.26
46215	69.13	-18.87	-2.70	396.31	-260.27	-52.77	-318.02	-110.31	-145.99
46216	68.62	-19.55	-2.70	511.60	-31.43	-39.34	-255.24	-46.31	-36.81
46217	68.10	-20.23	-2.70	541.12	67.07	-17.24	-247.62	-14.03	6.28
46218	67.59	-20.91	-2.70	506.77	119.44	-0.09	-255.09	7.13	12.15
46219	70.93	-18.76	-2.70	-28.48	-877.47	-889.47	-462.53	-367.22	-732.60
46220	70.49	-19.48	-2.70	341.54	-265.00	-51.90	-294.05	-102.34	-151.28
46221	70.04	-20.20	-2.70	454.21	-37.45	-38.57	-226.23	-48.70	-37.80
46222	69.60	-20.93	-2.70	494.70	50.59	-16.39	-210.55	-22.27	8.14
46223	69.16	-21.65	-2.70	483.06	84.53	0.76	-210.10	-7.72	18.42
46224	72.25	-19.23	-2.70	-52.44	-885.73	-877.94	-441.86	-326.96	-740.31
46225	71.88	-19.99	-2.70	293.14	-270.26	-50.45	-273.71	-92.51	-154.30
46226	71.51	-20.76	-2.70	398.66	-44.35	-37.39	-202.35	-49.61	-38.92
46227	71.15	-21.52	-2.70	444.66	35.73	-15.41	-177.79	-29.00	8.42
46228	70.78	-22.28	-2.70	448.65	56.21	1.48	-166.41	-20.61	21.42
46229	73.59	-19.62	-2.70	-64.26	-890.06	-856.96	-420.08	-282.86	-738.29
46230	73.31	-20.41	-2.70	251.27	-275.77	-48.50	-256.44	-81.41	-154.95
46231	73.02	-21.20	-2.70	346.07	-51.97	-35.88	-183.43	-49.24	-39.96
46232	72.73	-21.99	-2.70	392.66	22.67	-14.37	-150.13	-34.27	7.50
46233	72.44	-22.78	-2.70	405.63	34.64	2.07	-126.47	-31.45	21.79

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
46234	74.96	-19.90	-2.70	-65.73	-889.90	-827.71	-396.59	-236.89	-726.78
46235	74.76	-20.72	-2.70	215.94	-281.33	-46.12	-241.64	-69.63	-153.22
46236	74.55	-21.54	-2.70	297.41	-60.36	-34.09	-169.08	-47.87	-40.73
46237	74.34	-22.35	-2.70	340.40	11.11	-13.28	-127.98	-38.17	5.74
46238	74.13	-23.17	-2.70	356.39	19.22	2.54	-92.13	-40.25	20.14
46239	76.35	-20.10	-2.70	-58.74	-884.78	-791.34	-371.09	-190.84	-706.32
46240	76.23	-20.93	-2.70	186.92	-286.75	-43.38	-228.67	-57.73	-149.21
46241	76.10	-21.76	-2.70	253.37	-69.64	-32.07	-158.70	-45.75	-41.08
46242	75.98	-22.59	-2.70	289.41	0.54	-12.16	-111.35	-40.87	3.43
46243	75.85	-23.42	-2.70	303.38	8.79	2.88	-64.56	-47.12	17.02
46244	77.75	-20.20	-2.70	-45.14	-874.21	-749.01	-343.41	-146.26	-677.59
46245	77.71	-21.03	-2.70	163.73	-291.89	-40.35	-216.93	-46.23	-143.09
46246	77.67	-21.87	-2.70	214.37	-79.96	-29.85	-151.54	-43.13	-40.92
46247	77.62	-22.71	-2.70	240.96	-9.70	-11.00	-99.92	-42.50	0.82
46248	77.58	-23.55	-2.70	248.94	1.92	3.14	-44.30	-52.16	12.87
46249	60.69	-9.62	-4.10	473.88	-214.43	-554.04	-329.06	-419.38	-231.35
46250	59.77	-9.66	-4.10	517.08	-215.59	-421.04	-351.20	-248.25	-242.60
46251	58.85	-9.70	-4.10	539.26	-203.81	-481.61	-299.16	-21.37	-317.95
46252	57.94	-9.75	-4.10	493.44	-183.66	-730.67	-227.90	290.98	-589.47
46253	57.02	-9.79	-4.10	350.27	14.13	-1186.53	-169.88	914.76	-1453.61
46254	61.39	-10.82	-4.10	444.96	-243.96	-600.83	-368.92	-436.60	-282.86
46255	60.50	-10.95	-4.10	476.71	-263.03	-320.22	-417.81	-252.87	-266.94
46256	59.60	-11.08	-4.10	499.98	-210.81	-239.25	-375.66	-28.48	-287.11
46257	58.70	-11.21	-4.10	401.51	-152.53	-296.83	-300.22	202.04	-481.07
46258	57.80	-11.34	-4.10	122.94	-72.75	-451.10	-104.75	472.64	-990.57
46259	62.18	-11.98	-4.10	406.20	-232.18	-659.84	-367.45	-446.83	-311.87
46260	61.31	-12.19	-4.10	437.74	-220.37	-287.45	-426.77	-259.11	-242.32
46261	60.44	-12.41	-4.10	466.33	-116.36	-140.25	-390.50	-35.43	-198.13
46262	59.56	-12.62	-4.10	378.32	-11.04	-126.35	-319.40	149.21	-289.55
46263	58.69	-12.83	-4.10	179.52	103.75	-122.32	-170.62	360.80	-570.21
46264	63.05	-13.08	-4.10	367.66	-231.49	-736.11	-356.89	-460.75	-358.45
46265	62.21	-13.37	-4.10	398.22	-203.47	-315.26	-427.26	-278.05	-259.49
46266	61.37	-13.67	-4.10	437.53	-66.73	-137.03	-392.39	-53.78	-171.02
46267	60.53	-13.96	-4.10	376.18	60.88	-103.42	-333.22	115.45	-209.78
46268	59.69	-14.25	-4.10	215.93	192.38	-73.48	-229.70	280.66	-379.63
46269	63.99	-14.11	-4.10	329.92	-234.72	-800.65	-339.64	-469.37	-405.56
46270	63.19	-14.48	-4.10	364.97	-205.18	-342.72	-417.89	-295.14	-285.30
46271	62.39	-14.85	-4.10	419.62	-49.91	-141.93	-385.47	-74.78	-159.82
46272	61.59	-15.22	-4.10	383.58	87.91	-96.83	-337.05	81.46	-157.56
46273	60.79	-15.59	-4.10	262.48	222.52	-50.08	-266.44	222.74	-259.54
46274	65.01	-15.08	-4.10	293.14	-240.50	-853.75	-319.84	-472.15	-449.83
46275	64.25	-15.53	-4.10	336.24	-217.80	-366.72	-402.32	-308.68	-312.96
46276	63.50	-15.97	-4.10	405.99	-52.70	-148.77	-371.50	-96.48	-154.70
46277	62.74	-16.41	-4.10	393.14	88.28	-97.63	-331.56	47.87	-119.41
46278	61.98	-16.85	-4.10	305.27	218.02	-42.16	-284.16	171.93	-174.23
46279	66.08	-15.98	-4.10	258.30	-247.40	-894.62	-299.29	-467.14	-490.79
46280	65.38	-16.49	-4.10	310.71	-236.54	-385.03	-382.39	-316.37	-339.84
46281	64.68	-17.00	-4.10	393.44	-66.55	-153.48	-351.73	-116.11	-152.75
46282	63.97	-17.51	-4.10	400.39	73.48	-98.33	-317.26	15.59	-90.32
46283	63.27	-18.02	-4.10	341.99	193.99	-37.20	-285.35	124.04	-109.95
46284	67.22	-16.80	-4.10	225.53	-254.81	-923.05	-278.86	-453.00	-526.92
46285	66.57	-17.37	-4.10	287.51	-258.21	-397.50	-359.02	-316.68	-364.82
46286	65.93	-17.94	-4.10	379.87	-86.29	-155.80	-327.23	-132.00	-153.27
46287	65.28	-18.52	-4.10	402.80	50.63	-97.90	-295.49	-14.32	-68.84
46288	64.64	-19.09	-4.10	369.77	159.94	-33.05	-272.82	78.42	-61.50
46289	68.41	-17.54	-4.10	195.01	-262.17	-938.83	-259.18	-430.60	-556.58
46290	67.83	-18.17	-4.10	265.84	-280.17	-404.13	-332.86	-309.23	-386.58
46291	67.25	-18.79	-4.10	364.13	-108.23	-155.81	-299.09	-143.20	-155.63
46292	66.66	-19.42	-4.10	398.97	24.63	-96.07	-267.95	-40.85	-54.05
46293	66.08	-20.05	-4.10	386.97	122.53	-28.85	-249.54	35.75	-26.23
46294	69.65	-18.19	-4.10	167.19	-268.87	-942.80	-240.64	-401.03	-579.19
46295	69.13	-18.87	-4.10	245.11	-300.45	-405.27	-304.74	-294.66	-404.09
46296	68.62	-19.55	-4.10	345.64	-129.66	-153.79	-268.54	-149.46	-159.04
46297	68.10	-20.23	-4.10	388.37	-1.08	-93.06	-236.57	-63.34	-44.96
46298	67.59	-20.91	-4.10	392.79	86.30	-24.61	-218.66	-3.02	-2.18
46299	70.93	-18.76	-4.10	142.42	-274.68	-935.95	-223.40	-365.58	-594.30
46300	70.49	-19.48	-4.10	225.00	-317.67	-401.45	-275.55	-274.00	-416.65
46301	70.04	-20.20	-4.10	324.27	-148.72	-150.03	-236.91	-151.00	-162.73
46302	69.60	-20.93	-4.10	371.07	-24.21	-89.14	-203.34	-81.46	-40.45
46303	69.16	-21.65	-4.10	387.29	54.23	-20.47	-183.32	-37.10	12.48
46304	72.25	-19.23	-4.10	120.92	-279.49	-919.31	-207.46	-325.76	-601.61
46305	71.88	-19.99	-4.10	205.38	-330.96	-393.22	-246.13	-248.58	-423.75
46306	71.51	-20.76	-4.10	300.26	-164.28	-144.84	-205.50	-148.37	-165.95
46307	71.15	-21.52	-4.10	347.69	-43.43	-84.55	-170.15	-95.24	-39.44
46308	70.78	-22.28	-4.10	371.23	27.98	-16.57	-146.49	-66.07	19.51
46309	73.59	-19.62	-4.10	102.84	-283.25	-893.96	-192.74	-283.18	-601.11
46310	73.31	-20.41	-4.10	186.24	-339.89	-381.13	-217.28	-219.83	-425.11
46311	73.02	-21.20	-4.10	274.11	-175.79	-138.49	-175.49	-142.31	-168.12
46312	72.73	-21.99	-4.10	319.24	-58.16	-79.48	-138.70	-104.94	-40.89
46313	72.44	-22.78	-4.10	345.99	8.17	-13.02	-110.76	-89.80	20.59
46314	74.96	-19.90	-4.10	88.16	-285.97	-860.99	-179.03	-239.42	-592.99
46315	74.76	-20.72	-4.10	167.66	-344.34	-365.70	-189.67	-189.22	-420.68
46316	74.55	-21.54	-4.10	246.49	-183.20	-131.19	-147.82	-133.64	-168.74
46317	74.34	-22.35	-4.10	286.93	-68.48	-74.10	-110.32	-111.03	-43.88
46318	74.13	-23.17	-4.10	313.35	-5.41	-9.87	-78.24	-108.50	17.20
46319	76.35	-20.10	-4.10	76.75	-287.64	-821.49	-166.09	-195.95	-577.68
46320	76.23	-20.93	-4.10	149.74	-344.47	-347.42	-163.86	-158.12	-410.63
46321	76.10	-21.76	-4.10	218.08	-186.78	-123.11	-123.21	-123.22	-167.53
46322	75.98	-22.59	-4.10	252.08	-74.85	-68.47	-85.97	-114.06	-47.65
46323	75.85	-23.42	-4.10	275.26	-13.56	-7.08	-50.50	-122.50	10.65
46324	77.75	-20.20	-4.10	68.31	-288.15	-776.49	-153.61	-154.00	-555.67
46325	77.71	-21.03	-4.10	132.59	-340.61	-326.79	-140.25	-127.78	-395.33
46326	77.67	-21.87	-4.10	189.60	-187.07	-114.36	-102.12	-111.80	-164.31
46327	77.62	-22.71	-4.10	215.99	-78.06	-62.57	-66.25	-114.52	-51.59
46328	77.58	-23.55	-4.10	233.73	-17.45	-4.52	-28.53	-132.18	2.02
46329	60.69	-9.62	-5.50	30.45	-62.00	-598.85	-128.33	-368.95	-206.80
46330	59.77	-9.66	-5.50	-14.36	-69.77	-510.13	-114.93	-203.40	-254.61
46331	58.85	-9.70	-5.50	-57.37	-71.02	-582.60	-64.12	26.71	-371.31
46332	57.94	-9.75	-5.50	-93.97	-60.95	-845.64	8.02	353.00	-659.24

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{XX}$ [kPa]	$\sigma_{YY}$ [kPa]	$\sigma_{ZZ}$ [kPa]	$\tau_{XY}$ [kPa]	$\tau_{XZ}$ [kPa]	$\tau_{YZ}$ [kPa]
46333	57.02	-9.79	-5.50	-123.28	-95.95	-1262.20	81.64	950.16	-1469.53
46334	61.39	-10.82	-5.50	79.81	-58.29	-644.42	-149.53	-382.37	-232.33
46335	60.50	-10.95	-5.50	52.56	-70.06	-476.46	-151.65	-218.76	-278.62
46336	59.60	-11.08	-5.50	25.66	-71.72	-428.77	-112.07	8.67	-374.15
46337	58.70	-11.21	-5.50	-3.28	-63.73	-517.48	-36.32	286.26	-622.71
46338	57.80	-11.34	-5.50	-6.95	-48.09	-719.56	9.98	564.98	-1136.38
46339	62.18	-11.98	-5.50	117.27	-58.36	-699.64	-169.68	-399.40	-256.85
46340	61.31	-12.19	-5.50	104.62	-70.07	-468.25	-190.43	-242.93	-279.70
46341	60.44	-12.41	-5.50	96.75	-57.00	-339.15	-169.02	-21.85	-323.80
46342	59.56	-12.62	-5.50	82.64	-22.17	-315.93	-113.00	218.00	-472.58
46343	58.69	-12.83	-5.50	41.14	21.31	-351.37	-55.83	473.72	-797.88
46344	63.05	-13.08	-5.50	141.48	-54.15	-758.56	-181.95	-414.80	-284.18
46345	62.21	-13.37	-5.50	139.97	-58.50	-489.44	-218.64	-270.45	-282.41
46346	61.37	-13.67	-5.50	143.91	-25.54	-319.06	-214.01	-60.33	-279.52
46347	60.53	-13.96	-5.50	137.46	38.25	-249.27	-172.99	158.35	-352.42
46348	59.69	-14.25	-5.50	97.03	107.11	-210.75	-121.16	370.56	-545.72
46349	63.99	-14.11	-5.50	155.00	-54.99	-812.99	-186.43	-425.87	-316.90
46350	63.19	-14.48	-5.50	162.49	-56.32	-520.69	-235.12	-296.44	-296.19
46351	62.39	-14.85	-5.50	174.90	-11.65	-326.85	-241.81	-99.82	-255.11
46352	61.59	-15.22	-5.50	178.09	68.47	-235.18	-210.98	100.80	-272.17
46353	60.79	-15.59	-5.50	146.83	149.74	-166.12	-169.94	288.66	-381.46
46354	65.01	-15.08	-5.50	160.59	-59.40	-856.28	-184.47	-431.22	-349.43
46355	64.25	-15.53	-5.50	176.70	-63.27	-547.46	-240.34	-317.08	-314.41
46356	63.50	-15.97	-5.50	197.55	-14.52	-337.53	-254.19	-136.10	-241.24
46357	62.74	-16.41	-5.50	211.24	73.42	-232.95	-230.55	47.36	-213.71
46358	61.98	-16.85	-5.50	193.49	159.38	-147.45	-199.64	215.45	-263.20
46359	66.08	-15.98	-5.50	160.48	-66.20	-887.84	-177.98	-429.34	-381.03
46360	65.38	-16.49	-5.50	185.28	-76.46	-566.92	-236.74	-330.54	-334.28
46361	64.68	-17.00	-5.50	214.36	-28.80	-345.32	-254.37	-166.83	-234.52
46362	63.97	-17.51	-5.50	238.06	61.76	-232.37	-235.45	-1.38	-171.07
46363	63.27	-18.02	-5.50	233.95	147.63	-137.25	-212.26	147.55	-175.25
46364	67.22	-16.80	-5.50	156.63	-74.67	-907.63	-168.44	-419.51	-409.68
46365	66.57	-17.37	-5.50	189.72	-93.08	-578.41	-226.48	-335.70	-354.19
46366	65.93	-17.94	-5.50	226.25	-49.35	-348.49	-245.09	-190.65	-232.91
46367	65.28	-18.52	-5.50	258.43	40.89	-229.73	-228.79	-44.55	-140.84
46368	64.64	-19.09	-5.50	266.62	124.03	-128.36	-210.63	84.29	-110.09
46369	68.41	-17.54	-5.50	150.12	-83.55	-915.99	-156.84	-402.28	-434.24
46370	67.83	-18.17	-5.50	190.68	-110.78	-582.22	-211.19	-332.39	-372.67
46371	67.25	-18.79	-5.50	233.39	-72.24	-347.07	-228.57	-206.94	-234.88
46372	66.66	-19.42	-5.50	272.00	16.14	-224.48	-213.26	-81.38	-120.74
46373	66.08	-20.05	-5.50	290.33	95.35	-119.09	-197.79	26.43	-63.47
46374	69.65	-18.19	-5.50	141.75	-92.12	-913.82	-144.13	-378.42	-453.98
46375	69.13	-18.87	-5.50	188.44	-127.62	-578.98	-192.34	-321.23	-388.48
46376	68.62	-19.55	-5.50	235.71	-94.54	-341.54	-206.74	-215.72	-238.95
46377	68.10	-20.23	-5.50	278.52	-8.70	-216.87	-191.29	-111.39	-108.78
46378	67.59	-20.91	-5.50	304.45	66.25	-109.23	-176.72	-25.03	-32.18
46379	70.93	-18.76	-5.50	132.21	-99.85	-902.16	-131.04	-348.99	-468.25
46380	70.49	-19.48	-5.50	183.28	-142.30	-569.47	-171.28	-303.26	-400.65
46381	70.04	-20.20	-5.50	233.21	-114.20	-332.51	-181.44	-217.53	-243.75
46382	69.60	-20.93	-5.50	277.98	-31.12	-207.38	-165.17	-134.47	-103.07
46383	69.16	-21.65	-5.50	308.88	39.77	-99.06	-150.26	-69.35	-13.42
46384	72.25	-19.23	-5.50	122.06	-106.45	-882.07	-118.08	-315.30	-476.62
46385	71.88	-19.99	-5.50	175.47	-154.00	-554.50	-149.19	-279.80	-408.40
46386	71.51	-20.76	-5.50	226.08	-129.98	-320.58	-154.37	-213.23	-248.13
46387	71.15	-21.52	-5.50	270.68	-49.57	-196.50	-136.99	-150.91	-101.86
46388	70.78	-22.28	-5.50	304.03	17.71	-88.93	-121.06	-106.16	-4.60
46389	73.59	-19.62	-5.50	111.72	-111.77	-854.57	-105.62	-278.74	-478.89
46390	73.31	-20.41	-5.50	165.38	-162.32	-534.84	-127.07	-252.29	-411.23
46391	73.02	-21.20	-5.50	214.73	-141.23	-306.28	-127.04	-203.92	-251.12
46392	72.73	-21.99	-5.50	257.29	-63.31	-184.65	-108.64	-161.29	-103.60
46393	72.44	-22.78	-5.50	290.79	0.90	-79.13	-91.44	-135.53	-3.39
46394	74.96	-19.90	-5.50	101.55	-115.80	-820.66	-93.91	-240.71	-475.08
46395	74.76	-20.72	-5.50	153.41	-167.18	-511.21	-105.80	-222.26	-408.89
46396	74.55	-21.54	-5.50	199.74	-147.82	-290.08	-100.80	-190.82	-252.01
46397	74.34	-22.35	-5.50	238.72	-72.20	-172.17	-81.72	-166.42	-106.99
46398	74.13	-23.17	-5.50	270.40	-10.55	-69.84	-63.39	-157.87	-7.72
46399	76.35	-20.10	-5.50	91.80	-118.59	-781.31	-83.07	-202.53	-465.39
46400	76.23	-20.93	-5.50	139.99	-168.71	-484.23	-86.05	-191.14	-401.36
46401	76.10	-21.76	-5.50	181.79	-149.99	-272.31	-76.71	-175.19	-250.32
46402	75.98	-22.59	-5.50	216.02	-76.58	-159.19	-57.54	-167.28	-110.95
46403	75.85	-23.42	-5.50	244.34	-17.11	-61.04	-38.45	-173.88	-15.82
46404	77.75	-20.20	-5.50	82.62	-120.14	-737.38	-73.11	-165.32	-450.12
46405	77.71	-21.03	-5.50	125.52	-167.22	-454.48	-68.33	-160.24	-388.80
46406	77.67	-21.87	-5.50	161.63	-148.25	-253.19	-55.60	-158.11	-245.75
46407	77.62	-22.71	-5.50	190.29	-77.12	-145.68	-37.00	-164.72	-114.63
46408	77.58	-23.55	-5.50	214.11	-19.62	-52.46	-17.74	-184.22	-26.24
46409	60.69	-9.62	-6.90	-344.39	69.02	-660.04	34.41	-289.26	-202.81
46410	59.77	-9.66	-6.90	-445.92	46.49	-602.60	68.89	-129.39	-279.32
46411	58.85	-9.70	-6.90	-545.16	22.24	-684.27	132.49	68.73	-417.06
46412	57.94	-9.75	-6.90	-614.14	-14.17	-965.82	219.47	335.19	-695.01
46413	57.02	-9.79	-6.90	-616.88	-288.10	-1404.95	374.37	903.51	-1478.02
46414	61.39	-10.82	-6.90	-233.51	61.66	-700.90	14.58	-309.02	-219.61
46415	60.50	-10.95	-6.90	-287.05	34.47	-593.03	39.32	-146.93	-293.23
46416	59.60	-11.08	-6.90	-321.32	4.03	-576.60	94.02	66.27	-421.59
46417	58.70	-11.21	-6.90	-295.89	-51.99	-688.92	161.83	324.53	-677.00
46418	57.80	-11.34	-6.90	-86.33	-86.31	-897.73	96.54	574.67	-1153.10
46419	62.18	-11.98	-6.90	-141.95	57.35	-745.67	-12.04	-333.28	-232.85
46420	61.31	-12.19	-6.90	-161.58	28.28	-597.79	-8.20	-180.29	-290.94
46421	60.44	-12.41	-6.90	-155.49	1.97	-512.36	16.57	27.39	-384.31
46422	59.56	-12.62	-6.90	-103.81	-16.53	-506.99	36.91	265.53	-564.95
46423	58.69	-12.83	-6.90	-34.15	-3.96	-572.09	7.72	515.74	-880.00
46424	63.05	-13.08	-6.90	-72.17	55.42	-791.03	-37.09	-357.08	-247.99
46425	62.21	-13.37	-6.90	-73.54	29.29	-617.03	-52.87	-219.10	-285.22
46426	61.37	-13.67	-6.90	-54.06	18.84	-491.78	-52.46	-26.29	-336.40
46427	60.53	-13.96	-6.90	-17.37	27.61	-430.46	-44.77	192.17	-445.28
46428	59.69	-14.25	-6.90	24.18	57.34	-404.66	-49.90	416.49	-641.30
46429	63.99	-14.11	-6.90	-21.59	53.44	-831.25	-55.43	-375.86	-267.05
46430	63.19	-14.48	-6.90	-13.10	30.63	-641.47	-85.75	-255.47	-284.43
46431	62.39	-14.85	-6.90	9.40	31.68	-494.52	-99.08	-80.41	-297.59

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
46432	61.59	-15.22	-6.90	41.56	57.37	-405.46	-97.86	118.32	-347.46
46433	60.79	-15.59	-6.90	69.51	97.75	-339.08	-96.17	324.11	-457.37
46434	65.01	-15.08	-6.90	14.34	49.33	-862.49	-66.58	-388.00	-288.37
46435	64.25	-15.53	-6.90	29.31	26.40	-662.54	-105.77	-285.05	-290.03
46436	63.50	-15.97	-6.90	54.54	32.59	-502.10	-126.82	-128.72	-271.45
46437	62.74	-16.41	-6.90	85.81	66.43	-397.99	-129.68	50.65	-274.35
46438	61.98	-16.85	-6.90	112.14	112.50	-311.82	-127.48	237.83	-320.14
46439	66.08	-15.98	-6.90	39.50	43.38	-883.18	-71.63	-392.12	-311.18
46440	65.38	-16.49	-6.90	60.20	17.14	-676.10	-115.18	-306.03	-300.02
46441	64.68	-17.00	-6.90	88.54	23.78	-506.37	-140.11	-168.86	-255.77
46442	63.97	-17.51	-6.90	121.39	60.65	-392.83	-145.40	-9.68	-221.23
46443	63.27	-18.02	-6.90	149.65	108.77	-295.56	-144.29	157.37	-217.47
46444	67.22	-16.80	-6.90	57.29	35.60	-893.36	-71.99	-388.05	-333.20
46445	66.57	-17.37	-6.90	83.08	4.60	-681.41	-116.45	-317.79	-312.67
46446	65.93	-17.94	-6.90	114.74	9.02	-505.19	-142.53	-199.95	-248.20
46447	65.28	-18.52	-6.90	149.78	46.00	-385.29	-148.86	-61.85	-184.29
46448	64.64	-19.09	-6.90	181.02	93.99	-281.02	-148.67	83.30	-142.14
46449	68.41	-17.54	-6.90	69.43	27.39	-893.52	-68.69	-376.50	-353.26
46450	67.83	-18.17	-6.90	99.85	-9.27	-678.84	-111.51	-320.50	-326.17
46451	67.25	-18.79	-6.90	134.57	-8.35	-498.41	-136.77	-221.81	-246.50
46452	66.66	-19.42	-6.90	171.57	27.24	-374.26	-143.03	-105.36	-160.24
46453	66.08	-20.05	-6.90	205.50	73.92	-265.39	-143.17	16.58	-88.93
46454	69.65	-18.19	-6.90	77.12	19.36	-884.61	-62.96	-358.23	-370.41
46455	69.13	-18.87	-6.90	111.45	-22.80	-669.14	-102.05	-314.89	-339.02
46456	68.62	-19.55	-6.90	148.63	-25.76	-486.64	-124.96	-234.77	-248.61
46457	68.10	-20.23	-6.90	186.90	7.76	-360.00	-130.33	-140.04	-146.23
46458	67.59	-20.91	-6.90	222.65	52.58	-248.32	-130.24	-41.86	-53.73
46459	70.93	-18.76	-6.90	81.29	11.99	-867.65	-55.71	-334.27	-383.78
46460	70.49	-19.48	-6.90	118.50	-34.85	-653.23	-89.51	-302.02	-349.92
46461	70.04	-20.20	-6.90	157.23	-41.41	-470.64	-108.95	-239.57	-252.70
46462	69.60	-20.93	-6.90	195.85	-10.13	-343.12	-112.86	-166.06	-139.71
46463	69.16	-21.65	-6.90	232.33	32.62	-230.22	-112.14	-91.41	-32.95
46464	72.25	-19.23	-6.90	82.68	5.59	-843.66	-47.66	-305.85	-392.74
46465	71.88	-19.99	-6.90	121.52	-44.70	-632.01	-75.14	-283.16	-357.86
46466	71.51	-20.76	-6.90	160.67	-54.17	-451.19	-90.37	-237.22	-257.24
46467	71.15	-21.52	-6.90	198.60	-25.01	-324.30	-92.49	-183.93	-138.45
46468	70.78	-22.28	-6.90	234.68	15.66	-211.62	-90.95	-131.89	-23.43
46469	73.59	-19.62	-6.90	81.84	0.29	-813.62	-39.36	-274.28	-396.88
46470	73.31	-20.41	-6.90	120.97	-51.99	-606.33	-59.97	-259.75	-362.10
46471	73.02	-21.20	-6.90	159.37	-63.45	-429.02	-70.66	-228.93	-260.99
46472	72.73	-21.99	-6.90	195.60	-36.14	-304.18	-70.91	-194.45	-140.55
46473	72.44	-22.78	-6.90	230.21	2.55	-193.08	-68.53	-163.49	-22.37
46474	74.96	-19.90	-6.90	79.28	-3.85	-778.43	-31.25	-240.87	-396.04
46475	74.76	-20.72	-6.90	117.34	-56.59	-576.94	-44.92	-233.24	-362.18
46476	74.55	-21.54	-6.90	153.87	-69.07	-404.74	-51.09	-216.07	-263.04
46477	74.34	-22.35	-6.90	187.52	-43.26	-283.28	-49.60	-198.70	-144.43
46478	74.13	-23.17	-6.90	219.74	-6.45	-175.02	-46.50	-186.88	-27.37
46479	76.35	-20.10	-6.90	75.38	-6.87	-738.92	-23.63	-206.85	-390.24
46480	76.23	-20.93	-6.90	111.09	-58.58	-544.49	-30.73	-205.07	-357.84
46481	76.10	-21.76	-6.90	144.74	-71.11	-378.78	-32.75	-200.07	-262.68
46482	75.98	-22.59	-6.90	175.12	-46.51	-261.86	-29.84	-197.98	-148.81
46483	75.85	-23.42	-6.90	204.25	-11.52	-157.49	-26.21	-203.07	-36.34
46484	77.75	-20.20	-6.90	70.46	-8.79	-695.84	-16.68	-173.31	-379.64
46485	77.71	-21.03	-6.90	102.67	-58.13	-509.52	-17.97	-176.53	-349.05
46486	77.67	-21.87	-6.90	132.58	-69.93	-351.30	-16.49	-182.22	-259.43
46487	77.62	-22.71	-6.90	159.14	-46.34	-239.71	-12.59	-193.49	-152.60
46488	77.58	-23.55	-6.90	184.66	-13.19	-140.00	-8.66	-213.09	-47.63
46489	60.69	-9.62	-8.30	-663.60	176.66	-730.30	167.41	-192.21	-203.12
46490	59.77	-9.66	-8.30	-800.46	141.95	-686.58	218.98	-28.26	-296.30
46491	58.85	-9.70	-8.30	-964.33	95.10	-749.08	303.52	147.68	-443.85
46492	57.94	-9.75	-8.30	-1144.15	13.50	-1033.16	441.67	326.52	-697.92
46493	57.02	-9.79	-8.30	-1177.51	-496.11	-1619.89	702.71	812.95	-1443.23
46494	61.39	-10.82	-8.30	-505.12	158.02	-768.22	149.69	-224.76	-212.85
46495	60.50	-10.95	-8.30	-563.94	114.65	-698.19	191.43	-61.93	-303.21
46496	59.60	-11.08	-8.30	-594.15	52.80	-697.82	257.57	137.24	-447.18
46497	58.70	-11.21	-8.30	-527.68	-66.58	-814.24	331.31	361.72	-692.49
46498	57.80	-11.34	-8.30	-141.61	-139.96	-1040.82	166.80	564.48	-1116.72
46499	62.18	-11.98	-8.30	-374.44	143.44	-803.88	119.31	-260.49	-217.53
46500	61.31	-12.19	-8.30	-384.12	97.40	-711.04	137.45	-109.97	-293.15
46501	60.44	-12.41	-8.30	-350.07	39.85	-661.92	161.37	82.92	-409.31
46502	59.56	-12.62	-8.30	-232.39	-18.50	-675.77	150.49	299.79	-597.87
46503	58.69	-12.83	-8.30	-83.30	-28.07	-760.49	51.65	519.33	-883.15
46504	63.05	-13.08	-8.30	-272.81	134.46	-835.72	87.02	-294.21	-222.30
46505	62.21	-13.37	-8.30	-259.58	91.12	-726.72	83.57	-160.82	-277.60
46506	61.37	-13.67	-8.30	-211.79	50.59	-646.15	77.78	15.84	-355.67
46507	60.53	-13.96	-8.30	-130.12	23.05	-609.63	55.73	218.16	-481.75
46508	59.69	-14.25	-8.30	-26.53	25.53	-610.21	1.26	429.84	-669.89
46509	63.99	-14.11	-8.30	-196.17	127.94	-861.47	59.78	-321.48	-230.90
46510	63.19	-14.48	-8.30	-173.99	88.56	-742.00	40.95	-206.86	-265.63
46511	62.39	-14.85	-8.30	-129.49	59.58	-643.53	21.68	-48.93	-306.97
46512	61.59	-15.22	-8.30	-63.81	48.04	-579.77	-1.73	136.15	-376.85
46513	60.79	-15.59	-8.30	9.91	56.47	-541.74	-37.39	338.34	-486.97
46514	65.01	-15.08	-8.30	-138.39	121.95	-879.06	39.13	-340.76	-242.82
46515	64.25	-15.53	-8.30	-112.73	84.36	-752.75	11.19	-244.17	-260.64
46516	63.50	-15.97	-8.30	-71.55	61.38	-643.15	-14.62	-105.56	-270.89
46517	62.74	-16.41	-8.30	-16.44	57.77	-564.85	-37.89	60.78	-294.75
46518	61.98	-16.85	-8.30	44.14	70.25	-508.37	-64.19	247.25	-342.42
46519	66.08	-15.98	-8.30	-94.34	115.61	-887.68	24.65	-350.94	-258.09
46520	65.38	-16.49	-8.30	-66.38	77.33	-756.48	-7.98	-271.48	-262.15
46521	64.68	-17.00	-8.30	-27.64	56.31	-639.38	-36.65	-152.10	-247.55
46522	63.97	-17.51	-8.30	21.35	56.22	-552.17	-59.13	-5.81	-234.74
46523	63.27	-18.02	-8.30	74.30	70.73	-485.86	-80.47	161.24	-233.01
46524	67.22	-16.80	-8.30	-59.58	108.07	-887.41	15.36	-352.35	-274.40
46525	66.57	-17.37	-8.30	-29.96	68.07	-752.61	-18.90	-288.66	-268.46
46526	65.93	-17.94	-8.30	7.34	46.70	-630.15	-48.18	-188.19	-234.61
46527	65.28	-18.52	-8.30	52.34	47.69	-536.92	-69.51	-62.76	-193.23
46528	64.64	-19.09	-8.30	100.48	63.02	-464.46	-87.65	82.37	-152.97
46529	68.41	-17.54	-8.30	-31.94	100.58	-878.77	10.51	-345.95	-290.49
46530	67.83	-18.17	-8.30	-0.82	57.77	-741.59	-23.34	-296.32	-277.55

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
46531	67.25	-18.79	-8.30	35.67	34.87	-615.38	-51.81	-214.08	-229.42
46532	66.66	-19.42	-8.30	77.81	35.66	-517.94	-71.67	-109.75	-166.48
46533	66.08	-20.05	-8.30	122.33	51.05	-441.23	-87.53	11.99	-96.96
46534	69.65	-18.19	-8.30	-10.06	93.41	-862.67	8.91	-332.64	-305.22
46535	69.13	-18.87	-8.30	22.40	47.68	-724.18	-22.87	-295.40	-287.63
46536	68.62	-19.55	-8.30	58.38	22.71	-595.69	-49.44	-230.39	-229.49
46537	68.10	-20.23	-8.30	98.20	22.65	-495.43	-67.63	-146.89	-151.08
46538	67.59	-20.91	-8.30	139.60	37.63	-415.76	-81.72	-49.04	-60.30
46539	70.93	-18.76	-8.30	7.11	86.90	-840.06	9.69	-313.50	-317.51
46540	70.49	-19.48	-8.30	40.50	38.60	-701.32	-18.81	-287.02	-297.19
46541	70.04	-20.20	-8.30	75.93	11.59	-571.87	-42.66	-238.04	-232.65
46542	69.60	-20.93	-8.30	113.61	10.40	-470.08	-59.01	-174.56	-144.03
46543	69.16	-21.65	-8.30	152.08	24.67	-388.53	-71.68	-100.28	-38.97
46544	72.25	-19.23	-8.30	20.30	81.24	-811.84	12.13	-289.75	-326.56
46545	71.88	-19.99	-8.30	54.03	31.06	-673.87	-12.25	-272.45	-304.99
46546	71.51	-20.76	-8.30	88.60	2.38	-544.75	-32.82	-238.10	-237.12
46547	71.15	-21.52	-8.30	124.08	0.05	-442.61	-47.20	-193.42	-142.80
46548	70.78	-22.28	-8.30	159.66	13.37	-360.23	-58.73	-141.68	-29.45
46549	73.59	-19.62	-8.30	30.07	76.56	-778.87	15.62	-262.63	-331.81
46550	73.31	-20.41	-8.30	63.44	25.34	-642.66	-4.12	-253.06	-310.14
46551	73.02	-21.20	-8.30	96.71	-4.45	-515.11	-21.08	-231.81	-241.50
46552	72.73	-21.99	-8.30	129.79	-7.80	-413.82	-33.46	-204.34	-145.31
46553	72.44	-22.78	-8.30	162.43	4.44	-331.64	-44.09	-173.52	-28.73
46554	74.96	-19.90	-8.30	36.90	72.90	-741.94	19.67	-233.40	-332.97
46555	74.76	-20.72	-8.30	69.17	21.56	-608.43	4.73	-230.26	-312.03
46556	74.55	-21.54	-8.30	100.67	-8.69	-483.67	-8.53	-220.55	-244.77
46557	74.34	-22.35	-8.30	131.17	-12.85	-384.46	-18.97	-208.46	-149.90
46558	74.13	-23.17	-8.30	160.84	-1.80	-303.58	-28.89	-196.56	-34.26
46559	76.35	-20.10	-8.30	41.17	70.23	-701.76	23.85	-203.22	-329.91
46560	76.23	-20.93	-8.30	71.60	19.72	-571.76	13.54	-205.44	-310.29
46561	76.10	-21.76	-8.30	100.89	-10.33	-450.89	3.78	-205.84	-246.10
46562	75.98	-22.59	-8.30	128.74	-15.05	-354.94	-4.89	-207.36	-155.20
46563	75.85	-23.42	-8.30	155.47	-5.27	-276.36	-14.18	-212.18	-43.84
46564	77.75	-20.20	-8.30	43.22	68.61	-658.97	27.87	-173.13	-322.67
46565	77.71	-21.03	-8.30	71.08	19.81	-533.12	21.68	-179.86	-304.66
46566	77.67	-21.87	-8.30	97.69	-9.43	-416.83	14.96	-189.12	-244.79
46567	77.62	-22.71	-8.30	122.75	-14.53	-324.77	7.79	-202.63	-159.87
46568	77.58	-23.55	-8.30	146.59	-6.16	-249.02	-0.84	-221.94	-55.62
46569	90.14	9.49	-8.30	12.54	189.44	-447.56	-28.85	61.67	42.08
46570	91.17	9.44	-8.30	11.25	177.55	-404.02	-27.13	68.04	44.34
46571	92.21	9.39	-8.30	9.35	165.44	-359.45	-25.53	72.02	46.98
46572	90.36	10.47	-8.30	15.88	179.41	-457.38	-29.13	66.92	61.13
46573	91.26	10.33	-8.30	14.25	170.19	-415.94	-27.79	72.48	61.25
46574	92.15	10.18	-8.30	11.88	160.65	-374.02	-26.60	75.44	61.23
46575	90.56	11.46	-8.30	19.08	169.51	-465.59	-29.37	72.71	83.79
46576	91.33	11.21	-8.30	17.09	162.88	-426.64	-28.68	77.14	80.37
46577	92.08	10.96	-8.30	14.71	155.78	-387.94	-27.74	79.83	77.92
46578	79.02	9.89	-8.30	-28.77	280.77	-902.66	-35.82	-168.49	29.98
46579	80.15	9.88	-8.30	-16.79	275.10	-858.35	-35.68	-131.94	31.79
46580	81.29	9.86	-8.30	-7.18	268.49	-813.02	-35.67	-98.00	33.49
46581	82.41	9.83	-8.30	0.23	260.97	-767.18	-35.62	-66.97	34.87
46582	83.53	9.80	-8.30	5.68	252.62	-721.09	-35.42	-39.08	35.95
46583	84.65	9.76	-8.30	9.44	243.51	-674.97	-35.01	-14.44	36.83
46584	85.76	9.71	-8.30	11.80	233.71	-628.96	-34.32	6.90	37.63
46585	86.87	9.66	-8.30	13.06	223.30	-583.14	-33.34	25.03	38.46
46586	87.97	9.60	-8.30	13.47	212.36	-537.52	-32.06	40.07	39.43
46587	89.07	9.54	-8.30	13.24	201.03	-491.94	-30.53	52.26	40.61
46588	79.05	11.68	-8.30	-20.69	259.47	-949.76	-37.74	-157.66	66.38
46589	80.25	11.64	-8.30	-9.46	253.96	-901.09	-37.34	-121.38	67.82
46590	81.44	11.58	-8.30	-0.50	247.83	-851.42	-37.07	-87.73	68.33
46591	82.61	11.50	-8.30	6.40	241.03	-801.46	-36.76	-57.13	68.28
46592	83.77	11.40	-8.30	11.43	233.63	-751.40	-36.31	-29.77	67.77
46593	84.92	11.28	-8.30	14.84	225.65	-701.40	-35.64	-5.72	66.93
46594	86.05	11.15	-8.30	16.90	217.16	-651.54	-34.72	15.04	65.87
46595	87.17	10.99	-8.30	17.84	208.19	-601.85	-33.56	32.59	64.67
46596	88.28	10.82	-8.30	17.87	198.80	-552.29	-32.19	47.04	63.40
46597	89.37	10.63	-8.30	17.14	189.01	-502.75	-30.63	58.60	62.06
46598	79.08	13.48	-8.30	-10.17	241.89	-1006.15	-37.90	-147.29	120.26
46599	80.33	13.42	-8.30	-0.09	236.30	-952.93	-36.95	-111.38	119.05
46600	81.56	13.32	-8.30	7.98	230.28	-898.41	-36.27	-77.87	117.23
46601	82.78	13.19	-8.30	14.18	223.84	-843.38	-35.67	-47.41	114.69
46602	83.98	13.03	-8.30	18.66	216.99	-788.07	-35.05	-20.22	111.51
46603	85.15	12.83	-8.30	21.60	209.76	-732.67	-34.34	3.62	107.79
46604	86.31	12.61	-8.30	23.18	202.15	-677.29	-33.52	24.12	103.63
46605	87.44	12.35	-8.30	23.55	194.19	-622.04	-32.57	41.29	99.08
46606	88.56	12.06	-8.30	22.84	185.90	-567.01	-31.54	55.19	94.21
46607	89.64	11.74	-8.30	21.15	177.30	-512.31	-30.42	65.70	88.82
46608	79.10	15.28	-8.30	5.24	227.61	-1057.72	-36.65	-139.12	197.44
46609	80.40	15.20	-8.30	13.43	221.68	-1000.72	-35.22	-102.32	192.68
46610	81.67	15.07	-8.30	19.97	215.39	-941.67	-34.20	-68.22	186.81
46611	82.92	14.90	-8.30	24.91	208.78	-881.39	-33.49	-37.30	179.87
46612	84.16	14.67	-8.30	28.28	201.92	-820.32	-32.98	-9.78	171.92
46613	85.36	14.40	-8.30	30.18	194.83	-758.84	-32.60	14.20	163.09
46614	86.54	14.08	-8.30	30.70	187.57	-697.32	-32.27	34.57	153.49
46615	87.69	13.72	-8.30	29.93	180.15	-636.09	-31.93	51.32	143.23
46616	88.81	13.31	-8.30	28.00	172.63	-575.52	-31.52	64.42	132.47
46617	89.90	12.86	-8.30	25.08	164.93	-516.04	-30.97	73.82	121.47
46618	79.12	17.07	-8.30	27.66	205.66	-1071.53	-34.98	-133.69	299.44
46619	80.44	16.99	-8.30	32.99	200.01	-1013.74	-34.02	-95.38	289.73
46620	81.75	16.84	-8.30	36.92	194.04	-952.97	-33.51	-60.00	277.87
46621	83.04	16.62	-8.30	39.44	187.84	-890.17	-33.36	-28.06	264.07
46622	84.30	16.34	-8.30	40.56	181.51	-826.07	-33.48	0.11	248.59
46623	85.54	15.99	-8.30	40.32	175.15	-761.34	-33.75	24.33	231.73
46624	86.74	15.58	-8.30	38.81	168.86	-696.62	-34.04	44.50	213.81
46625	87.91	15.11	-8.30	36.15	162.68	-632.53	-34.22	60.59	195.14
46626	89.05	14.58	-8.30	32.49	156.66	-569.65	-34.19	72.66	176.08
46627	90.14	14.00	-8.30	28.04	150.80	-508.57	-33.89	80.83	157.03
46628	79.13	18.88	-8.30	56.98	158.34	-1007.53	-33.60	-133.36	402.25
46629	80.47	18.79	-8.30	58.69	154.95	-954.27	-35.24	-94.26	388.02



Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
46630	81.81	18.61	-8.30	58.82	151.68	-898.14	-36.88	-58.11	370.20
46631	83.13	18.35	-8.30	57.54	148.58	-839.97	-38.41	-25.47	349.29
46632	84.42	18.01	-8.30	55.02	145.66	-780.49	-39.74	3.25	325.87
46633	85.68	17.59	-8.30	51.40	142.92	-720.37	-40.74	27.77	300.54
46634	86.92	17.09	-8.30	46.86	140.35	-660.27	-41.29	47.97	273.91
46635	88.11	16.51	-8.30	41.61	137.92	-600.78	-41.33	63.84	246.56
46636	89.26	15.87	-8.30	35.85	135.58	-542.46	-40.79	75.49	219.06
46637	90.36	15.15	-8.30	29.79	133.27	-485.85	-39.70	83.18	191.98
46638	95.25	9.56	-8.30	-0.65	124.27	-224.39	-22.44	67.32	58.34
46639	94.64	10.65	-8.30	3.28	125.54	-259.48	-26.06	74.98	76.41
46640	93.97	11.69	-8.30	7.48	126.57	-296.70	-29.65	81.39	96.54
46641	94.24	9.48	-8.30	3.45	138.29	-270.11	-23.18	72.75	54.68
46642	93.82	10.42	-8.30	6.72	137.76	-298.33	-25.75	78.00	70.83
46643	93.36	11.34	-8.30	10.11	136.96	-327.45	-28.43	82.47	88.58
46644	93.23	9.40	-8.30	6.88	151.86	-314.92	-24.10	74.38	50.68
46645	93.00	10.21	-8.30	9.53	149.61	-335.14	-25.82	78.19	64.67
46646	92.75	11.00	-8.30	11.89	147.26	-355.48	-27.58	80.83	80.62
46647	91.38	14.37	-8.30	23.73	131.44	-433.12	-38.03	87.24	166.92
46648	91.10	13.39	-8.30	23.35	146.10	-454.78	-33.19	85.16	139.61
46649	90.81	12.43	-8.30	21.80	158.55	-465.89	-30.44	79.17	111.97
46650	92.31	13.54	-8.30	17.95	129.61	-384.52	-35.72	87.75	142.51
46651	91.93	12.78	-8.30	18.83	142.28	-408.23	-32.08	86.44	122.91
46652	91.55	12.03	-8.30	18.77	153.62	-424.90	-29.87	82.39	102.88
46653	93.19	12.66	-8.30	12.57	127.86	-338.28	-32.89	85.92	119.87
46654	92.73	12.13	-8.30	14.25	138.41	-363.83	-30.58	85.10	107.04
46655	92.26	11.61	-8.30	15.27	148.53	-385.13	-29.18	82.92	92.50
46656	90.14	9.49	-6.90	13.06	83.35	-482.02	-19.47	62.13	52.10
46657	91.17	9.44	-6.90	12.44	74.04	-436.07	-18.08	68.97	53.20
46658	92.21	9.39	-6.90	11.89	64.67	-388.89	-16.57	74.23	55.02
46659	90.36	10.47	-6.90	15.81	71.70	-497.59	-17.22	66.34	70.41
46660	91.26	10.33	-6.90	15.34	65.28	-453.40	-16.26	73.11	70.06
46661	92.15	10.18	-6.90	14.37	58.57	-408.17	-15.40	77.88	69.80
46662	90.56	11.46	-6.90	19.05	61.37	-512.54	-14.18	72.44	93.17
46663	91.33	11.21	-6.90	18.37	57.38	-469.75	-14.20	78.62	89.82
46664	92.08	10.96	-6.90	17.23	52.89	-426.65	-14.07	83.33	87.56
46665	79.02	9.89	-6.90	11.67	151.26	-974.96	-6.55	-179.19	51.39
46666	80.15	9.88	-6.90	15.85	147.49	-927.48	-9.94	-140.10	52.98
46667	81.29	9.86	-6.90	18.43	143.00	-878.61	-13.01	-103.96	54.10
46668	82.41	9.83	-6.90	19.66	137.72	-828.77	-15.69	-70.98	54.62
46669	83.53	9.80	-6.90	19.81	131.69	-778.40	-17.88	-41.47	54.64
46670	84.65	9.76	-6.90	19.13	124.95	-727.89	-19.55	-15.60	54.27
46671	85.76	9.71	-6.90	17.92	117.56	-677.54	-20.66	6.59	53.67
46672	86.87	9.66	-6.90	16.46	109.60	-627.60	-21.19	25.19	52.99
46673	87.97	9.60	-6.90	15.04	101.15	-578.18	-21.14	40.41	52.40
46674	89.07	9.54	-6.90	13.85	92.35	-529.23	-20.55	52.63	52.03
46675	79.05	11.68	-6.90	8.79	123.68	-1027.71	-4.66	-168.81	85.07
46676	80.25	11.64	-6.90	13.16	120.33	-975.45	-8.00	-130.54	86.47
46677	81.44	11.58	-6.90	16.09	116.54	-922.13	-11.09	-95.26	86.54
46678	82.61	11.50	-6.90	17.83	112.30	-868.14	-13.75	-63.19	85.71
46679	83.77	11.40	-6.90	18.62	107.61	-813.88	-15.89	-34.58	84.17
46680	84.92	11.28	-6.90	18.68	102.48	-759.67	-17.45	-9.53	82.11
46681	86.05	11.15	-6.90	18.28	96.96	-705.72	-18.42	11.98	79.72
46682	87.17	10.99	-6.90	17.63	91.05	-652.14	-18.81	30.09	77.19
46683	88.28	10.82	-6.90	16.94	84.81	-598.94	-18.70	45.04	74.64
46684	89.37	10.63	-6.90	16.32	78.24	-545.94	-18.12	57.20	72.18
46685	79.08	13.48	-6.90	7.88	101.97	-1095.92	-0.89	-158.53	131.67
46686	80.33	13.42	-6.90	12.16	98.52	-1038.72	-3.73	-121.53	131.00
46687	81.56	13.32	-6.90	15.36	94.98	-980.19	-6.43	-87.15	129.26
46688	82.78	13.19	-6.90	17.67	91.36	-920.87	-8.80	-55.77	126.52
46689	83.98	13.03	-6.90	19.22	87.62	-861.18	-10.76	-27.66	122.93
46690	85.15	12.83	-6.90	20.14	83.73	-801.38	-12.25	-2.90	118.70
46691	86.31	12.61	-6.90	20.59	79.65	-741.66	-13.29	18.53	114.00
46692	87.44	12.35	-6.90	20.66	75.35	-682.09	-13.91	36.73	109.00
46693	88.56	12.06	-6.90	20.42	70.79	-622.69	-14.21	51.83	103.81
46694	89.64	11.74	-6.90	19.82	65.93	-563.42	-14.29	63.82	98.25
46695	79.10	15.28	-6.90	12.54	92.47	-1170.46	4.43	-149.22	202.32
46696	80.40	15.20	-6.90	16.14	87.96	-1108.37	2.73	-112.23	198.50
46697	81.67	15.07	-6.90	19.20	83.61	-1044.06	0.88	-77.83	193.45
46698	82.92	14.90	-6.90	21.72	79.44	-978.21	-1.00	-46.29	187.26
46699	84.16	14.67	-6.90	23.68	75.37	-911.38	-2.82	-17.87	180.04
46700	85.36	14.40	-6.90	25.05	71.37	-843.96	-4.54	7.30	171.91
46701	86.54	14.08	-6.90	25.82	67.38	-776.29	-6.15	29.14	163.00
46702	87.69	13.72	-6.90	25.96	63.36	-708.67	-7.65	47.65	153.43
46703	88.81	13.31	-6.90	25.41	59.28	-641.38	-9.07	62.78	143.30
46704	89.90	12.86	-6.90	24.13	55.04	-574.75	-10.41	74.42	132.85
46705	79.12	17.07	-6.90	28.29	87.36	-1207.73	9.63	-140.33	315.02
46706	80.44	16.99	-6.90	29.91	81.67	-1143.57	8.69	-101.50	305.46
46707	81.75	16.84	-6.90	31.46	76.04	-1075.72	7.27	-65.37	293.92
46708	83.04	16.62	-6.90	32.74	70.54	-1005.19	5.43	-32.37	280.57
46709	84.30	16.34	-6.90	33.58	65.26	-932.86	3.23	-2.81	265.57
46710	85.54	15.99	-6.90	33.82	60.24	-859.49	0.76	23.06	249.14
46711	86.74	15.58	-6.90	33.35	55.55	-785.80	-1.88	45.10	231.49
46712	87.91	15.11	-6.90	32.10	51.21	-712.47	-4.59	63.19	212.88
46713	89.05	14.58	-6.90	30.01	47.25	-640.15	-7.26	77.28	193.60
46714	90.14	14.00	-6.90	27.12	43.68	-569.53	-9.78	87.36	174.00
46715	79.13	18.88	-6.90	57.74	53.21	-1130.06	11.63	-134.51	452.40
46716	80.47	18.79	-6.90	55.73	48.90	-1071.26	8.50	-92.90	435.77
46717	81.81	18.61	-6.90	53.45	44.82	-1008.63	5.29	-54.40	415.46
46718	83.13	18.35	-6.90	50.86	41.11	-943.17	1.98	-19.56	391.95
46719	84.42	18.01	-6.90	47.90	37.82	-875.81	-1.35	11.17	365.79
46720	85.68	17.59	-6.90	44.53	35.02	-807.42	-4.60	37.50	337.58
46721	86.92	17.09	-6.90	40.74	32.73	-738.77	-7.66	59.25	307.93
46722	88.11	16.51	-6.90	36.56	30.95	-670.62	-10.42	76.37	277.45
46723	89.26	15.87	-6.90	32.06	29.64	-603.65	-12.76	88.91	246.73
46724	90.36	15.15	-6.90	27.33	28.73	-538.51	-14.64	97.14	216.43
46725	95.25	9.56	-6.90	3.42	32.15	-238.52	-13.56	76.61	65.71
46726	94.64	10.65	-6.90	6.46	31.05	-278.61	-14.70	85.68	86.04
46727	93.97	11.69	-6.90	9.63	29.89	-321.10	-15.75	93.43	108.77
46728	94.24	9.48	-6.90	8.00	43.23	-291.23	-14.10	79.97	62.42

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
46729	93.82	10.42	-6.90	10.62	40.74	-324.40	-14.25	86.14	80.23
46730	93.36	11.34	-6.90	13.18	38.25	-358.41	-14.47	91.69	99.96
46731	93.23	9.40	-6.90	10.84	53.98	-341.00	-15.06	78.89	58.46
46732	93.00	10.21	-6.90	13.19	50.18	-365.77	-14.57	83.30	73.51
46733	92.75	11.00	-6.90	15.00	46.57	-390.49	-13.99	86.81	90.85
46734	91.38	14.37	-6.90	22.53	28.53	-477.84	-15.91	101.30	188.22
46735	91.10	13.39	-6.90	23.75	41.14	-507.02	-11.80	93.13	155.67
46736	90.81	12.43	-6.90	22.31	51.54	-518.02	-11.61	81.81	123.63
46737	92.31	13.54	-6.90	17.91	28.62	-421.94	-16.42	101.46	160.73
46738	91.93	12.78	-6.90	20.23	39.42	-452.74	-13.20	95.35	137.71
46739	91.55	12.03	-6.90	20.41	48.93	-471.14	-12.64	86.74	114.46
46740	93.19	12.66	-6.90	13.66	28.99	-368.74	-16.31	99.03	135.10
46741	92.73	12.13	-6.90	16.45	37.75	-400.86	-14.12	94.62	120.39
46742	92.26	11.61	-6.90	17.77	46.19	-425.30	-13.68	88.76	103.68
46743	90.14	9.49	-5.50	11.33	-21.11	-514.57	-16.25	60.14	68.88
46744	91.17	9.44	-5.50	10.95	-29.70	-467.18	-15.69	65.50	67.94
46745	92.21	9.39	-5.50	12.22	-38.35	-419.74	-14.61	70.07	67.86
46746	90.36	10.47	-5.50	12.57	-38.91	-536.25	-12.91	60.86	85.35
46747	91.26	10.33	-5.50	13.43	-43.85	-491.29	-12.41	67.17	83.50
46748	92.15	10.18	-5.50	14.96	-48.99	-445.71	-11.71	72.46	82.09
46749	90.56	11.46	-5.50	15.49	-55.37	-561.20	-7.43	64.05	105.62
46750	91.33	11.21	-5.50	17.08	-56.88	-516.97	-7.80	71.23	101.82
46751	92.08	10.96	-5.50	18.93	-58.85	-472.00	-7.86	77.92	99.63
46752	79.02	9.89	-5.50	55.87	30.84	-1050.07	20.51	-182.92	83.88
46753	80.15	9.88	-5.50	52.37	29.08	-999.39	13.30	-142.01	84.81
46754	81.29	9.86	-5.50	47.92	26.56	-946.60	6.81	-104.21	84.91
46755	82.41	9.83	-5.50	42.75	23.19	-892.26	1.11	-69.93	84.18
46756	83.53	9.80	-5.50	37.14	19.00	-836.99	-3.79	-39.51	82.75
46757	84.65	9.76	-5.50	31.38	14.00	-781.36	-7.86	-13.18	80.78
46758	85.76	9.71	-5.50	25.78	8.22	-725.91	-11.13	8.99	78.44
46759	86.87	9.66	-5.50	20.65	1.73	-671.07	-13.59	27.10	75.90
46760	87.97	9.60	-5.50	16.33	-5.42	-617.19	-15.26	41.36	73.34
46761	89.07	9.54	-5.50	13.13	-13.08	-564.48	-16.15	52.22	70.90
46762	79.05	11.68	-5.50	40.70	-8.45	-1103.74	26.26	-174.15	116.93
46763	80.25	11.64	-5.50	38.38	-9.44	-1048.27	18.35	-134.77	117.57
46764	81.44	11.58	-5.50	35.32	-10.88	-991.14	11.23	-98.39	116.60
46765	82.61	11.50	-5.50	31.67	-12.79	-932.89	5.00	-65.50	114.40
46766	83.77	11.40	-5.50	27.69	-15.19	-874.09	-0.29	-36.39	111.22
46767	84.92	11.28	-5.50	23.65	-18.09	-815.25	-4.61	-11.21	107.32
46768	86.05	11.15	-5.50	19.86	-21.47	-756.81	-7.99	10.04	102.93
46769	87.17	10.99	-5.50	16.60	-25.30	-699.09	-10.46	27.52	98.28
46770	88.28	10.82	-5.50	14.16	-29.53	-642.28	-12.09	41.53	93.57
46771	89.37	10.63	-5.50	12.79	-34.13	-586.40	-12.91	52.63	88.99
46772	79.08	13.48	-5.50	25.18	-46.48	-1177.33	34.01	-165.90	155.84
46773	80.33	13.42	-5.50	24.18	-47.08	-1116.83	26.01	-128.77	155.06
46774	81.56	13.32	-5.50	22.76	-47.63	-1054.65	18.75	-94.20	152.70
46775	82.78	13.19	-5.50	21.00	-48.16	-991.47	12.36	-62.74	148.91
46776	83.98	13.03	-5.50	19.10	-48.75	-927.82	6.93	-34.68	143.96
46777	85.15	12.83	-5.50	17.27	-49.44	-864.15	2.46	-10.16	138.16
46778	86.31	12.61	-5.50	15.74	-50.26	-800.79	-1.07	10.86	131.79
46779	87.44	12.35	-5.50	14.71	-51.25	-737.94	-3.71	28.57	125.13
46780	88.56	12.06	-5.50	14.32	-52.43	-675.68	-5.58	43.24	118.42
46781	89.64	11.74	-5.50	14.61	-53.83	-613.92	-6.84	55.09	111.58
46782	79.10	15.28	-5.50	12.52	-72.15	-1275.18	44.63	-158.24	208.89
46783	80.40	15.20	-5.50	12.72	-73.52	-1208.82	37.70	-122.74	206.08
46784	81.67	15.07	-5.50	13.06	-74.20	-1140.22	31.19	-89.42	201.72
46785	82.92	14.90	-5.50	13.50	-74.31	-1070.09	25.25	-58.68	195.96
46786	84.16	14.67	-5.50	14.07	-73.98	-998.99	19.96	-30.78	189.00
46787	85.36	14.40	-5.50	14.83	-73.34	-927.37	15.34	-5.87	181.09
46788	86.54	14.08	-5.50	15.82	-72.52	-855.55	11.37	16.05	172.44
46789	87.69	13.72	-5.50	17.07	-71.62	-783.74	7.96	35.06	163.28
46790	88.81	13.31	-5.50	18.53	-70.73	-712.10	5.00	51.26	153.77
46791	89.90	12.86	-5.50	20.07	-69.98	-640.73	2.36	64.68	144.17
46792	79.12	17.07	-5.50	12.70	-72.29	-1361.49	57.95	-147.46	315.13
46793	80.44	16.99	-5.50	13.05	-76.15	-1290.43	53.29	-110.77	306.99
46794	81.75	16.84	-5.50	14.34	-79.22	-1215.30	48.32	-76.09	297.20
46795	83.04	16.62	-5.50	16.23	-81.53	-1137.15	43.13	-43.86	285.81
46796	84.30	16.34	-5.50	18.45	-83.14	-1056.88	37.81	-14.38	272.89
46797	85.54	15.99	-5.50	20.79	-84.10	-975.24	32.40	12.12	258.59
46798	86.74	15.58	-5.50	23.02	-84.48	-892.92	26.92	35.45	243.04
46799	87.91	15.11	-5.50	24.92	-84.33	-810.55	21.42	55.48	226.40
46800	89.05	14.58	-5.50	26.28	-83.70	-728.71	15.93	72.08	208.85
46801	90.14	14.00	-5.50	26.87	-82.61	-648.04	10.46	85.11	190.61
46802	79.13	18.88	-5.50	38.74	-87.88	-1291.54	66.33	-132.83	500.63
46803	80.47	18.79	-5.50	36.33	-92.50	-1225.19	61.12	-90.25	482.01
46804	81.81	18.61	-5.50	34.91	-96.53	-1154.02	55.46	-50.68	459.92
46805	83.13	18.35	-5.50	34.12	-99.74	-1079.22	49.31	-14.64	434.68
46806	84.42	18.01	-5.50	33.65	-102.01	-1001.89	42.76	17.43	406.77
46807	85.68	17.59	-5.50	33.22	-103.28	-923.04	35.92	45.20	376.68
46808	86.92	17.09	-5.50	32.60	-103.50	-843.58	28.94	68.41	344.96
46809	88.11	16.51	-5.50	31.60	-102.68	-764.37	22.00	86.93	312.17
46810	89.26	15.87	-5.50	30.11	-100.87	-686.19	15.30	100.72	278.89
46811	90.36	15.15	-5.50	28.08	-98.18	-609.83	8.99	109.95	245.79
46812	95.25	9.56	-5.50	12.65	-67.01	-258.05	-11.15	84.33	76.64
46813	94.64	10.65	-5.50	14.93	-73.17	-304.96	-9.64	95.23	99.49
46814	93.97	11.69	-5.50	17.07	-79.35	-354.56	-7.72	104.85	125.19
46815	94.24	9.48	-5.50	16.19	-57.77	-319.42	-11.51	82.22	73.65
46816	93.82	10.42	-5.50	18.65	-64.75	-359.64	-9.00	89.38	92.86
46817	93.36	11.34	-5.50	20.78	-71.45	-400.68	-6.26	96.41	114.49
46818	93.23	9.40	-5.50	15.21	-48.22	-371.90	-12.94	76.41	70.06
46819	93.00	10.21	-5.50	18.04	-56.22	-403.37	-10.25	80.88	85.46
46820	92.75	11.00	-5.50	20.15	-63.63	-435.04	-6.92	85.19	103.63
46821	91.38	14.37	-5.50	25.49	-94.52	-538.60	3.39	114.64	214.59
46822	91.10	13.39	-5.50	26.49	-80.87	-575.82	5.43	93.64	172.91
46823	90.81	12.43	-5.50	21.21	-69.26	-579.26	0.06	74.30	135.80
46824	92.31	13.54	-5.50	22.66	-90.13	-472.93	-1.14	114.64	183.92
46825	91.93	12.78	-5.50	25.11	-78.56	-512.34	1.10	98.08	154.73
46826	91.55	12.03	-5.50	22.02	-68.32	-527.57	-2.09	81.67	127.25
46827	93.19	12.66	-5.50	19.86	-85.22	-410.38	-4.78	111.72	155.05

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
46828	92.73	12.13	-5.50	22.93	-76.21	-451.24	-2.74	99.22	136.72
46829	92.26	11.61	-5.50	21.89	-67.42	-476.23	-4.51	86.40	116.81
46830	90.14	9.49	-4.10	5.23	-117.97	-543.88	-19.18	60.14	98.78
46831	91.17	9.44	-4.10	2.94	-128.38	-494.36	-20.84	61.87	96.10
46832	92.21	9.39	-4.10	3.77	-139.86	-447.07	-22.04	62.08	94.04
46833	90.36	10.47	-4.10	2.09	-146.76	-569.61	-17.78	55.34	115.54
46834	91.26	10.33	-4.10	2.25	-153.15	-524.20	-19.16	58.35	111.60
46835	92.15	10.18	-4.10	4.59	-160.42	-480.11	-20.11	60.08	108.05
46836	90.56	11.46	-4.10	0.82	-178.35	-603.13	-14.15	50.99	133.96
46837	91.33	11.21	-4.10	3.39	-179.71	-559.66	-15.81	56.01	128.21
46838	92.08	10.96	-4.10	7.80	-182.17	-516.59	-16.78	61.04	124.44
46839	79.02	9.89	-4.10	102.08	-75.29	-1130.09	44.06	-179.97	129.88
46840	80.15	9.88	-4.10	91.21	-75.13	-1076.03	32.98	-137.30	129.55
46841	81.29	9.86	-4.10	79.82	-75.88	-1018.86	23.06	-98.01	128.14
46842	82.41	9.83	-4.10	68.16	-77.61	-959.40	14.29	-62.63	125.79
46843	83.53	9.80	-4.10	56.50	-80.33	-898.48	6.65	-31.57	122.68
46844	84.65	9.76	-4.10	45.17	-84.06	-836.88	0.08	-5.11	119.01
46845	85.76	9.71	-4.10	34.51	-88.79	-775.37	-5.49	16.66	114.97
46846	86.87	9.66	-4.10	24.84	-94.54	-714.60	-10.13	33.79	110.75
46847	87.97	9.60	-4.10	16.50	-101.34	-655.17	-13.91	46.49	106.53
46848	89.07	9.54	-4.10	9.83	-109.15	-597.56	-16.95	55.13	102.43
46849	79.05	11.68	-4.10	74.00	-128.94	-1180.94	53.15	-174.43	167.61
46850	80.25	11.64	-4.10	65.48	-127.51	-1122.43	40.34	-133.67	166.66
46851	81.44	11.58	-4.10	56.50	-126.71	-1061.23	28.92	-96.11	163.94
46852	82.61	11.50	-4.10	47.26	-126.57	-998.24	18.87	-62.36	159.82
46853	83.77	11.40	-4.10	38.04	-127.14	-934.23	10.19	-32.82	154.61
46854	84.92	11.28	-4.10	29.18	-128.45	-869.95	2.80	-7.71	148.58
46855	86.05	11.15	-4.10	21.01	-130.52	-806.07	-3.39	12.92	142.02
46856	87.17	10.99	-4.10	13.87	-133.37	-743.16	-8.46	29.20	135.17
46857	88.28	10.82	-4.10	8.11	-137.03	-681.71	-12.54	41.41	128.21
46858	89.37	10.63	-4.10	4.11	-141.48	-622.04	-15.70	50.06	121.34
46859	79.08	13.48	-4.10	42.33	-190.98	-1252.62	64.27	-170.40	207.53
46860	80.33	13.42	-4.10	36.68	-188.32	-1189.32	50.21	-132.50	205.47
46861	81.56	13.32	-4.10	30.66	-185.80	-1123.54	37.61	-97.33	201.34
46862	82.78	13.19	-4.10	24.46	-183.50	-1056.22	26.50	-65.51	195.47
46863	83.98	13.03	-4.10	18.34	-181.50	-988.13	16.86	-37.48	188.20
46864	85.15	12.83	-4.10	12.61	-179.85	-919.94	8.65	-13.45	179.88
46865	86.31	12.61	-4.10	7.60	-178.61	-852.27	1.78	6.55	170.86
46866	87.44	12.35	-4.10	3.64	-177.82	-785.60	-3.85	22.68	161.43
46867	88.56	12.06	-4.10	1.05	-177.51	-720.29	-8.37	35.23	151.89
46868	89.64	11.74	-4.10	0.09	-177.65	-656.51	-11.89	44.55	142.27
46869	79.10	15.28	-4.10	7.24	-260.55	-1358.00	79.36	-168.82	248.54
46870	80.40	15.20	-4.10	4.88	-256.95	-1288.79	64.83	-134.20	245.37
46871	81.67	15.07	-4.10	2.47	-252.74	-1217.17	51.62	-101.64	239.93
46872	82.92	14.90	-4.10	0.14	-248.05	-1143.98	39.77	-71.69	232.57
46873	84.16	14.67	-4.10	-1.93	-243.03	-1069.93	29.35	-44.79	223.64
46874	85.36	14.40	-4.10	-3.48	-237.80	-995.60	20.33	-21.12	213.50
46875	86.54	14.08	-4.10	-4.23	-232.47	-921.48	12.67	-0.71	202.54
46876	87.69	13.72	-4.10	-3.93	-227.15	-847.91	6.26	16.61	191.12
46877	88.81	13.31	-4.10	-2.34	-221.89	-775.11	0.99	31.13	179.57
46878	89.90	12.86	-4.10	0.73	-216.90	-703.13	-3.32	43.13	168.31
46879	79.12	17.07	-4.10	-26.61	-316.14	-1513.39	104.46	-164.96	316.46
46880	80.44	16.99	-4.10	-25.19	-313.54	-1436.22	91.39	-132.29	310.61
46881	81.75	16.84	-4.10	-22.86	-309.37	-1355.17	78.90	-100.79	302.92
46882	83.04	16.62	-4.10	-19.81	-303.86	-1271.26	67.11	-70.98	293.53
46883	84.30	16.34	-4.10	-16.10	-297.18	-1185.31	56.14	-43.24	282.58
46884	85.54	15.99	-4.10	-11.74	-289.52	-1098.03	46.00	-17.80	270.26
46885	86.74	15.58	-4.10	-6.70	-281.08	-1010.01	36.69	5.23	256.77
46886	87.91	15.11	-4.10	-1.01	-272.00	-921.73	28.13	25.81	242.33
46887	89.05	14.58	-4.10	5.25	-262.46	-833.60	20.22	44.00	227.14
46888	90.14	14.00	-4.10	11.98	-252.49	-746.00	12.81	59.79	211.41
46889	79.13	18.88	-4.10	-22.81	-337.14	-1519.79	137.36	-140.17	533.41
46890	80.47	18.79	-4.10	-19.79	-338.50	-1442.70	126.66	-99.81	515.04
46891	81.81	18.61	-4.10	-14.94	-337.94	-1359.96	115.21	-61.71	493.73
46892	83.13	18.35	-4.10	-8.83	-335.34	-1272.95	103.08	-26.32	469.58
46893	84.42	18.01	-4.10	-1.96	-330.71	-1182.85	90.44	5.92	442.84
46894	85.68	17.59	-4.10	5.21	-324.11	-1090.74	77.49	34.62	413.86
46895	86.92	17.09	-4.10	12.32	-315.64	-997.59	64.44	59.45	383.00
46896	88.11	16.51	-4.10	19.03	-305.42	-904.32	51.48	80.19	350.67
46897	89.26	15.87	-4.10	25.06	-293.63	-811.71	38.80	96.68	317.28
46898	90.36	15.15	-4.10	30.11	-280.50	-720.52	26.64	108.93	283.45
46899	95.25	9.56	-4.10	30.52	-184.24	-290.33	-22.93	85.72	97.20
46900	94.64	10.65	-4.10	33.06	-201.46	-348.39	-18.29	98.11	122.75
46901	93.97	11.69	-4.10	35.17	-218.61	-409.67	-11.94	109.31	151.64
46902	94.24	9.48	-4.10	21.04	-170.86	-357.28	-22.78	71.81	96.01
46903	93.82	10.42	-4.10	23.91	-188.96	-408.69	-18.76	78.11	115.97
46904	93.36	11.34	-4.10	27.10	-206.92	-461.64	-13.27	85.43	138.80
46905	93.23	9.40	-4.10	9.72	-154.87	-404.03	-22.70	64.04	94.03
46906	93.00	10.21	-4.10	11.97	-173.06	-444.76	-20.02	65.38	109.28
46907	92.75	11.00	-4.10	14.03	-191.60	-487.78	-15.70	67.18	127.03
46908	91.38	14.37	-4.10	33.61	-266.40	-634.63	15.18	116.43	250.72
46909	91.10	13.39	-4.10	18.14	-242.41	-666.06	5.94	71.91	195.91
46910	90.81	12.43	-4.10	4.46	-212.49	-641.19	-6.69	52.19	158.98
46911	92.31	13.54	-4.10	35.25	-251.38	-554.80	5.11	118.12	217.56
46912	91.93	12.78	-4.10	22.69	-232.02	-594.00	-0.32	80.47	179.16
46913	91.55	12.03	-4.10	8.88	-207.88	-588.66	-9.62	60.17	150.09
46914	93.19	12.66	-4.10	36.09	-235.70	-478.34	-3.68	116.41	185.52
46915	92.73	12.13	-4.10	26.30	-221.80	-523.42	-6.25	86.09	162.00
46916	92.26	11.61	-4.10	13.53	-202.77	-535.93	-12.58	66.52	139.60
46917	90.14	9.49	-2.70	-3.12	-193.68	-574.47	-23.80	68.08	144.89
46918	91.17	9.44	-2.70	-9.82	-205.93	-521.39	-28.14	66.61	143.45
46919	92.21	9.39	-2.70	-14.00	-221.01	-472.37	-32.92	62.23	143.61
46920	90.36	10.47	-2.70	-13.25	-232.44	-602.57	-26.08	59.68	169.16
46921	91.26	10.33	-2.70	-17.41	-241.30	-555.07	-30.52	59.35	166.02
46922	92.15	10.18	-2.70	-19.63	-252.75	-510.61	-35.18	56.40	163.88
46923	90.56	11.46	-2.70	-24.28	-280.52	-641.16	-28.47	49.53	196.38
46924	91.33	11.21	-2.70	-25.38	-283.90	-596.92	-33.11	51.04	190.48
46925	92.08	10.96	-2.70	-24.65	-290.35	-554.91	-37.68	51.47	186.76
46926	79.02	9.89	-2.70	149.28	-160.43	-1219.17	62.79	-170.34	188.80

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
46927	80.15	9.88	-2.70	131.47	-158.60	-1161.21	48.19	-125.67	186.48
46928	81.29	9.86	-2.70	113.37	-157.79	-1099.06	35.21	-84.73	183.04
46929	82.41	9.83	-2.70	95.26	-158.05	-1033.76	23.76	-48.17	178.70
46930	83.53	9.80	-2.70	77.50	-159.40	-966.41	13.76	-16.47	173.71
46931	84.65	9.76	-2.70	60.44	-161.87	-898.04	5.09	10.08	168.33
46932	85.76	9.71	-2.70	44.44	-165.51	-829.67	-2.40	31.40	162.83
46933	86.87	9.66	-2.70	29.83	-170.38	-762.18	-8.84	47.57	157.45
46934	87.97	9.60	-2.70	16.88	-176.59	-696.39	-14.43	58.83	152.46
46935	89.07	9.54	-2.70	5.83	-184.27	-632.99	-19.38	65.54	148.10
46936	79.05	11.68	-2.70	109.39	-225.40	-1265.89	74.06	-169.50	237.89
46937	80.25	11.64	-2.70	95.08	-221.87	-1203.83	56.82	-126.64	234.34
46938	81.44	11.58	-2.70	80.33	-219.09	-1138.15	41.55	-87.31	229.12
46939	82.61	11.50	-2.70	65.43	-217.10	-1069.84	28.15	-52.22	222.58
46940	83.77	11.40	-2.70	50.74	-215.96	-999.95	16.52	-21.86	215.07
46941	84.92	11.28	-2.70	36.66	-215.76	-929.49	6.49	3.53	206.97
46942	86.05	11.15	-2.70	23.55	-216.57	-859.39	-2.11	23.91	198.59
46943	87.17	10.99	-2.70	11.73	-218.49	-790.45	-9.48	39.41	190.27
46944	88.28	10.82	-2.70	1.50	-221.64	-723.34	-15.85	50.28	182.26
46945	89.37	10.63	-2.70	-6.86	-226.17	-658.69	-21.42	56.97	174.81
46946	79.08	13.48	-2.70	62.41	-307.81	-1336.06	86.82	-171.85	290.47
46947	80.33	13.42	-2.70	52.42	-302.20	-1269.49	67.27	-131.69	285.47
46948	81.56	13.32	-2.70	41.78	-296.94	-1199.68	49.85	-94.55	278.55
46949	82.78	13.19	-2.70	30.82	-292.11	-1127.56	34.48	-61.19	269.99
46950	83.98	13.03	-2.70	19.93	-287.84	-1054.15	21.05	-32.11	260.17
46951	85.15	12.83	-2.70	9.47	-284.23	-980.38	9.41	-7.57	249.50
46952	86.31	12.61	-2.70	-0.17	-281.40	-907.09	-0.63	12.36	238.37
46953	87.44	12.35	-2.70	-8.67	-279.49	-835.03	-9.28	27.78	227.13
46954	88.56	12.06	-2.70	-15.73	-278.67	-764.84	-16.81	38.90	216.08
46955	89.64	11.74	-2.70	-21.05	-278.97	-697.04	-23.38	45.94	205.27
46956	79.10	15.28	-2.70	7.05	-418.65	-1435.71	103.62	-178.95	353.00
46957	80.40	15.20	-2.70	2.03	-410.30	-1363.81	81.76	-141.88	346.32
46958	81.67	15.07	-2.70	-3.72	-401.76	-1288.96	61.95	-107.14	337.43
46959	82.92	14.90	-2.70	-9.91	-393.18	-1211.99	44.20	-75.49	326.56
46960	84.16	14.67	-2.70	-16.18	-384.70	-1133.83	28.46	-47.47	314.09
46961	85.36	14.40	-2.70	-22.17	-376.49	-1055.39	14.62	-23.39	300.45
46962	86.54	14.08	-2.70	-27.50	-368.69	-977.46	2.53	-3.37	286.03
46963	87.69	13.72	-2.70	-31.83	-361.47	-900.72	-8.02	12.65	271.24
46964	88.81	13.31	-2.70	-34.83	-354.99	-825.75	-17.21	24.82	256.44
46965	89.90	12.86	-2.70	-36.16	-349.68	-752.97	-25.26	33.36	242.14
46966	79.12	17.07	-2.70	-70.10	-583.51	-1635.58	131.37	-197.51	419.39
46967	80.44	16.99	-2.70	-68.35	-571.16	-1554.44	106.64	-164.03	411.31
46968	81.75	16.84	-2.70	-67.18	-557.88	-1470.02	83.73	-131.73	400.92
46969	83.04	16.62	-2.70	-66.38	-543.80	-1383.17	62.75	-101.42	388.32
46970	84.30	16.34	-2.70	-65.66	-529.08	-1294.72	43.71	-73.67	373.82
46971	85.54	15.99	-2.70	-64.70	-513.88	-1205.44	26.57	-48.81	357.80
46972	86.74	15.58	-2.70	-63.16	-498.40	-1115.96	11.23	-27.01	340.68
46973	87.91	15.11	-2.70	-60.67	-482.78	-1026.81	-2.45	-8.21	322.86
46974	89.05	14.58	-2.70	-56.94	-467.24	-938.32	-14.70	7.84	304.79
46975	90.14	14.00	-2.70	-51.65	-451.93	-850.86	-25.68	21.17	286.90
46976	79.13	18.88	-2.70	-166.49	-910.41	-1825.47	207.30	-198.44	620.91
46977	80.47	18.79	-2.70	-152.84	-891.86	-1734.54	174.84	-161.63	604.19
46978	81.81	18.61	-2.70	-139.06	-869.51	-1637.49	143.16	-125.59	585.09
46979	83.13	18.35	-2.70	-125.45	-843.48	-1535.69	112.64	-90.84	563.37
46980	84.42	18.01	-2.70	-112.11	-814.05	-1430.36	83.64	-57.93	539.15
46981	85.68	17.59	-2.70	-99.08	-781.59	-1322.67	56.41	-27.33	512.66
46982	86.92	17.09	-2.70	-86.29	-746.47	-1213.66	31.17	0.59	484.16
46983	88.11	16.51	-2.70	-73.68	-709.10	-1104.26	8.05	25.54	453.95
46984	89.26	15.87	-2.70	-61.10	-669.84	-995.30	-12.85	47.38	422.32
46985	90.36	15.15	-2.70	-48.49	-629.46	-887.36	-31.69	66.42	389.93
46986	95.25	9.56	-2.70	8.77	-336.87	-344.73	-75.69	70.01	168.97
46987	94.64	10.65	-2.70	1.51	-387.72	-421.27	-78.84	81.98	203.57
46988	93.97	11.69	-2.70	-5.35	-443.37	-502.58	-78.92	93.11	242.44
46989	94.24	9.48	-2.70	-9.85	-279.69	-404.40	-49.69	49.40	156.25
46990	93.82	10.42	-2.70	-15.73	-320.04	-472.18	-52.07	49.48	182.20
46991	93.36	11.34	-2.70	-21.41	-366.06	-545.18	-53.84	50.45	210.58
46992	93.23	9.40	-2.70	-14.60	-244.41	-431.98	-39.49	56.16	147.62
46993	93.00	10.21	-2.70	-19.37	-276.94	-481.34	-41.66	52.60	168.83
46994	92.75	11.00	-2.70	-25.30	-314.28	-536.68	-43.09	47.91	192.28
46995	91.38	14.37	-2.70	-36.18	-587.80	-783.99	-48.34	82.09	357.39
46996	91.10	13.39	-2.70	-45.27	-435.94	-769.91	-34.98	31.46	269.98
46997	90.81	12.43	-2.70	-35.84	-345.45	-691.34	-31.74	38.75	230.33
46998	92.31	13.54	-2.70	-25.29	-543.56	-686.04	-60.98	90.73	322.19
46999	91.93	12.78	-2.70	-38.02	-417.95	-694.79	-42.96	40.38	252.40
47000	91.55	12.03	-2.70	-33.46	-340.73	-640.23	-37.24	43.14	219.66
47001	93.19	12.66	-2.70	-14.85	-498.94	-591.39	-71.39	95.60	286.52
47002	92.73	12.13	-2.70	-29.63	-400.77	-620.37	-50.04	47.56	235.33
47003	92.26	11.61	-2.70	-29.68	-335.43	-590.29	-42.34	45.68	207.93
47004	66.76	9.50	-2.70	352.59	-259.31	-1304.25	309.67	-596.03	153.53
47005	65.73	9.45	-2.70	376.79	-285.28	-1244.42	339.27	-599.57	165.38
47006	64.70	9.40	-2.70	407.69	-319.58	-1175.39	373.30	-590.06	190.06
47007	66.55	10.50	-2.70	285.22	-303.49	-1388.42	352.17	-535.35	188.63
47008	65.64	10.35	-2.70	307.99	-324.12	-1342.40	382.79	-534.13	197.51
47009	64.75	10.20	-2.70	336.55	-351.62	-1289.35	417.43	-523.01	214.83
47010	66.34	11.50	-2.70	207.35	-360.89	-1499.17	383.57	-468.82	240.32
47011	65.58	11.25	-2.70	231.14	-373.79	-1460.82	411.14	-466.67	245.63
47012	64.83	10.99	-2.70	262.13	-392.41	-1415.16	441.08	-459.45	259.58
47013	77.88	9.90	-2.70	166.56	-163.22	-1272.93	78.98	-217.87	189.93
47014	76.74	9.91	-2.70	183.31	-166.77	-1320.16	96.46	-266.16	189.33
47015	75.61	9.89	-2.70	199.75	-171.17	-1358.83	115.30	-314.76	186.79
47016	74.49	9.87	-2.70	216.00	-176.59	-1388.80	135.47	-362.52	182.67
47017	73.36	9.83	-2.70	232.39	-183.11	-1409.73	156.91	-408.38	177.27
47018	72.25	9.79	-2.70	249.36	-190.82	-1421.11	179.59	-451.41	170.94
47019	71.14	9.74	-2.70	267.32	-199.90	-1422.25	203.46	-490.82	164.17
47020	70.03	9.69	-2.70	286.62	-210.67	-1412.17	228.49	-525.93	157.63
47021	68.93	9.63	-2.70	307.47	-223.64	-1389.61	254.62	-556.07	152.35
47022	67.83	9.56	-2.70	329.87	-239.49	-1353.11	281.77	-580.31	149.70
47023	77.85	11.71	-2.70	123.33	-229.56	-1322.84	92.99	-214.33	239.58
47024	76.65	11.70	-2.70	136.22	-233.92	-1372.49	113.69	-260.01	239.02
47025	75.47	11.66	-2.70	148.78	-238.08	-1414.31	135.66	-305.06	235.89

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
47026	74.30	11.58	-2.70	161.24	-242.38	-1447.64	158.82	-348.38	230.70
47027	73.14	11.48	-2.70	174.02	-247.06	-1471.92	183.14	-388.98	223.84
47028	71.99	11.36	-2.70	187.65	-252.34	-1486.54	208.59	-426.04	215.81
47029	70.86	11.22	-2.70	202.69	-258.51	-1490.77	235.19	-458.88	207.22
47030	69.74	11.06	-2.70	219.70	-266.00	-1483.63	262.96	-486.98	198.81
47031	68.63	10.88	-2.70	239.24	-275.41	-1463.89	291.95	-509.79	191.53
47032	67.54	10.68	-2.70	262.00	-287.66	-1430.07	322.22	-526.84	186.77
47033	77.83	13.50	-2.70	71.97	-313.20	-1397.45	108.10	-213.48	293.11
47034	76.58	13.47	-2.70	80.66	-317.94	-1451.42	130.93	-255.07	293.06
47035	75.35	13.40	-2.70	88.93	-321.97	-1497.34	155.06	-295.45	290.16
47036	74.14	13.28	-2.70	97.17	-325.44	-1534.72	180.30	-333.45	284.93
47037	72.94	13.12	-2.70	105.92	-328.56	-1562.89	206.54	-368.10	277.91
47038	71.77	12.92	-2.70	115.81	-331.57	-1581.18	233.75	-398.57	269.67
47039	70.61	12.69	-2.70	127.56	-334.82	-1588.77	261.96	-424.25	260.93
47040	69.47	12.42	-2.70	141.98	-338.78	-1584.66	291.25	-444.63	252.51
47041	68.36	12.12	-2.70	159.97	-344.08	-1567.69	321.79	-459.20	245.39
47042	67.27	11.79	-2.70	182.71	-351.48	-1536.33	353.82	-467.19	240.36
47043	77.81	15.29	-2.70	11.68	-425.91	-1502.01	127.07	-216.90	356.96
47044	76.52	15.25	-2.70	15.78	-431.60	-1560.71	151.86	-254.04	357.86
47045	75.26	15.14	-2.70	19.62	-435.95	-1611.62	177.75	-289.43	355.77
47046	74.01	14.98	-2.70	23.68	-439.07	-1654.01	204.51	-321.92	351.32
47047	72.77	14.76	-2.70	28.62	-441.12	-1687.14	231.97	-350.53	345.07
47048	71.57	14.49	-2.70	35.25	-442.34	-1710.17	260.06	-374.45	337.68
47049	70.38	14.16	-2.70	44.52	-443.09	-1722.17	288.76	-393.06	329.95
47050	69.23	13.79	-2.70	57.59	-443.83	-1722.03	318.19	-405.92	322.82
47051	68.11	13.38	-2.70	75.87	-445.24	-1708.47	348.50	-412.66	317.45
47052	67.01	12.91	-2.70	101.06	-448.27	-1679.47	379.99	-412.88	315.68
47053	77.79	17.09	-2.70	-71.87	-593.45	-1711.82	157.08	-230.80	424.81
47054	76.47	17.02	-2.70	-73.65	-600.48	-1781.09	183.92	-262.94	427.27
47055	75.17	16.88	-2.70	-74.95	-605.52	-1841.61	211.42	-292.68	426.90
47056	73.89	16.67	-2.70	-75.08	-608.65	-1892.32	239.27	-319.03	424.35
47057	72.62	16.39	-2.70	-73.11	-609.96	-1932.06	267.30	-341.13	420.32
47058	71.39	16.05	-2.70	-67.92	-609.67	-1959.54	295.40	-358.34	415.66
47059	70.18	15.64	-2.70	-58.11	-608.11	-1973.21	323.61	-370.29	411.37
47060	69.01	15.16	-2.70	-42.00	-605.70	-1971.25	352.08	-376.99	408.58
47061	67.87	14.63	-2.70	-17.60	-603.13	-1951.29	381.26	-379.02	408.67
47062	66.77	14.04	-2.70	17.71	-601.26	-1910.77	411.55	-376.60	413.21
47063	77.78	18.88	-2.70	-179.15	-924.74	-1906.21	239.94	-235.65	634.83
47064	76.43	18.80	-2.70	-189.80	-934.29	-1975.38	272.29	-271.44	645.31
47065	75.10	18.63	-2.70	-198.03	-939.26	-2034.06	304.04	-305.57	652.89
47066	73.79	18.37	-2.70	-202.56	-939.59	-2080.65	334.75	-337.35	658.02
47067	72.49	18.03	-2.70	-201.85	-935.52	-2113.24	364.18	-366.14	661.10
47068	71.23	17.61	-2.70	-194.18	-927.42	-2129.79	392.23	-391.45	662.54
47069	69.99	17.11	-2.70	-177.60	-915.75	-2128.08	419.05	-412.93	662.74
47070	68.80	16.53	-2.70	-150.07	-901.03	-2105.76	445.12	-430.43	662.02
47071	67.65	15.88	-2.70	-109.43	-883.77	-2060.36	471.22	-444.05	660.48
47072	66.55	15.16	-2.70	-53.65	-865.15	-1988.93	498.93	-455.18	659.09
47073	61.65	9.56	-2.70	657.09	-567.63	-1047.80	700.41	-482.18	433.19
47074	62.26	10.65	-2.70	429.92	-633.06	-1268.24	669.54	-420.48	497.73
47075	62.93	11.70	-2.70	317.96	-717.61	-1463.40	634.04	-436.93	569.29
47076	62.66	9.48	-2.70	517.89	-443.83	-1094.98	523.17	-506.33	300.02
47077	63.08	10.43	-2.70	374.65	-473.18	-1326.58	545.17	-411.54	340.29
47078	63.54	11.36	-2.70	267.11	-537.32	-1520.65	529.38	-371.36	401.82
47079	63.67	9.41	-2.70	449.34	-371.53	-1118.32	426.22	-557.21	235.63
47080	63.90	10.22	-2.70	361.61	-396.48	-1272.44	469.40	-483.37	256.77
47081	64.15	11.02	-2.70	270.65	-437.21	-1428.50	478.58	-421.69	304.69
47082	65.52	14.38	-2.70	17.45	-843.73	-1892.87	528.76	-463.45	653.32
47083	65.81	13.43	-2.70	63.06	-597.05	-1850.29	440.63	-371.21	417.99
47084	66.10	12.47	-2.70	130.65	-452.04	-1640.39	408.63	-408.87	316.67
47085	64.59	13.55	-2.70	102.98	-815.30	-1773.03	558.40	-460.63	640.41
47086	64.97	12.80	-2.70	117.15	-588.53	-1769.48	469.60	-368.51	421.60
47087	65.36	12.06	-2.70	164.70	-455.33	-1594.23	434.98	-406.46	319.14
47088	63.71	12.67	-2.70	203.64	-783.58	-1628.23	593.91	-454.03	622.39
47089	64.18	12.15	-2.70	185.10	-581.09	-1666.05	502.99	-366.75	428.05
47090	64.64	11.63	-2.70	207.90	-459.84	-1536.34	464.54	-401.24	323.94
47091	66.76	9.52	-4.10	206.56	-148.90	-1268.76	206.52	-571.27	79.61
47092	65.72	9.47	-4.10	222.06	-166.83	-1224.65	220.22	-571.24	87.67
47093	64.69	9.41	-4.10	245.40	-188.18	-1172.39	234.41	-563.34	104.62
47094	66.53	10.55	-4.10	184.39	-179.28	-1352.63	230.37	-521.59	104.57
47095	65.63	10.39	-4.10	205.35	-191.45	-1314.29	242.96	-523.87	110.61
47096	64.75	10.23	-4.10	233.23	-206.71	-1267.54	255.24	-522.03	122.76
47097	66.33	11.56	-4.10	165.61	-209.45	-1453.91	243.87	-472.99	142.27
47098	65.57	11.30	-4.10	191.76	-214.95	-1415.41	254.62	-480.92	145.57
47099	64.82	11.02	-4.10	224.32	-223.84	-1367.18	265.05	-488.39	155.75
47100	77.87	9.92	-4.10	111.72	-76.95	-1182.23	56.65	-226.27	129.64
47101	76.73	9.95	-4.10	120.98	-79.49	-1229.53	69.89	-271.52	127.68
47102	75.59	9.95	-4.10	129.90	-82.45	-1269.10	83.94	-317.15	123.60
47103	74.46	9.92	-4.10	138.49	-86.23	-1301.05	98.67	-362.07	117.99
47104	73.34	9.89	-4.10	146.91	-90.98	-1325.17	113.95	-405.24	111.19
47105	72.23	9.84	-4.10	155.38	-96.79	-1340.96	129.64	-445.67	103.58
47106	71.12	9.79	-4.10	164.14	-103.80	-1347.72	145.58	-482.40	95.65
47107	70.02	9.72	-4.10	173.39	-112.21	-1344.55	161.53	-514.46	88.04
47108	68.92	9.66	-4.10	183.35	-122.33	-1330.46	177.24	-540.84	81.67
47109	67.82	9.58	-4.10	194.38	-134.51	-1304.58	192.39	-560.42	77.68
47110	77.84	11.75	-4.10	81.44	-132.39	-1237.81	67.51	-216.78	167.83
47111	76.63	11.80	-4.10	87.38	-136.79	-1289.49	83.38	-260.23	166.71
47112	75.43	11.78	-4.10	93.66	-139.90	-1333.60	99.70	-302.77	162.53
47113	74.26	11.72	-4.10	100.26	-142.53	-1369.83	116.38	-343.55	156.02
47114	73.10	11.61	-4.10	107.42	-145.13	-1397.75	133.34	-381.83	147.78
47115	71.96	11.48	-4.10	115.46	-148.04	-1416.79	150.44	-416.88	138.38
47116	70.83	11.33	-4.10	124.82	-151.57	-1426.17	167.54	-448.03	128.47
47117	69.71	11.15	-4.10	135.93	-156.04	-1424.91	184.43	-474.69	118.81
47118	68.61	10.95	-4.10	149.33	-161.88	-1411.92	200.87	-496.26	110.34
47119	67.52	10.74	-4.10	165.81	-169.67	-1386.09	216.55	-512.46	104.27
47120	77.82	13.54	-4.10	46.92	-194.78	-1314.22	79.69	-209.49	208.16
47121	76.58	13.57	-4.10	50.67	-198.81	-1370.78	96.21	-248.47	207.09
47122	75.34	13.53	-4.10	54.92	-201.33	-1419.88	113.29	-286.44	203.14
47123	74.12	13.43	-4.10	60.01	-202.65	-1460.87	130.64	-322.41	196.65
47124	72.92	13.27	-4.10	66.40	-203.10	-1493.11	148.07	-355.56	188.22

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
47125	71.74	13.07	-4.10	74.64	-203.03	-1515.80	165.43	-385.30	178.51
47126	70.59	12.82	-4.10	85.39	-202.81	-1527.98	182.55	-411.19	168.28
47127	69.45	12.54	-4.10	99.38	-202.85	-1528.47	199.27	-432.99	158.44
47128	68.34	12.22	-4.10	117.48	-203.66	-1515.83	215.41	-450.64	150.02
47129	67.25	11.87	-4.10	140.61	-205.89	-1488.55	230.92	-463.87	143.66
47130	77.81	15.32	-4.10	9.24	-264.08	-1425.33	94.79	-203.99	249.90
47131	76.53	15.32	-4.10	11.14	-266.80	-1487.62	110.98	-238.51	249.48
47132	75.26	15.25	-4.10	14.20	-267.56	-1542.27	127.39	-271.80	246.50
47133	74.01	15.10	-4.10	18.99	-266.58	-1588.25	143.76	-303.03	241.28
47134	72.77	14.89	-4.10	26.18	-264.10	-1624.59	159.88	-331.57	234.42
47135	71.56	14.61	-4.10	36.57	-260.43	-1650.09	175.64	-357.03	226.64
47136	70.38	14.28	-4.10	51.06	-255.93	-1663.35	190.94	-379.33	218.76
47137	69.22	13.90	-4.10	70.60	-251.10	-1662.66	205.78	-398.69	211.73
47138	68.10	13.47	-4.10	96.27	-246.53	-1645.87	220.17	-415.63	206.54
47139	67.00	12.99	-4.10	129.03	-242.93	-1610.66	234.30	-430.68	204.66
47140	77.79	17.10	-4.10	-26.83	-317.37	-1586.27	117.74	-197.83	321.41
47141	76.48	17.07	-4.10	-25.65	-316.86	-1652.03	130.95	-230.25	325.45
47142	75.18	16.95	-4.10	-21.86	-314.33	-1708.62	143.84	-261.94	327.35
47143	73.90	16.76	-4.10	-14.67	-309.98	-1754.63	156.19	-292.33	327.33
47144	72.63	16.48	-4.10	-3.21	-304.07	-1788.51	168.02	-321.03	325.87
47145	71.39	16.14	-4.10	13.39	-296.99	-1808.53	179.43	-347.88	323.53
47146	70.18	15.72	-4.10	36.01	-289.21	-1812.73	190.70	-372.99	320.78
47147	69.01	15.24	-4.10	65.39	-281.27	-1798.89	202.22	-396.72	318.06
47148	67.87	14.69	-4.10	102.01	-273.84	-1764.52	214.55	-419.71	315.73
47149	66.77	14.09	-4.10	146.21	-267.45	-1707.20	228.29	-442.52	314.11
47150	77.78	18.89	-4.10	-22.93	-334.40	-1588.60	147.22	-181.27	549.12
47151	76.44	18.81	-4.10	-19.88	-330.34	-1647.63	156.09	-224.38	561.37
47152	75.11	18.65	-4.10	-12.82	-325.05	-1697.18	164.18	-268.01	569.23
47153	73.79	18.40	-4.10	-0.99	-318.71	-1735.68	171.74	-311.30	572.54
47154	72.50	18.06	-4.10	16.30	-311.70	-1761.53	179.13	-353.44	571.19
47155	71.23	17.64	-4.10	39.58	-304.42	-1773.00	186.87	-393.62	565.11
47156	70.00	17.14	-4.10	69.13	-297.28	-1768.28	195.59	-431.10	554.19
47157	68.80	16.56	-4.10	104.91	-290.63	-1745.55	206.00	-465.12	538.29
47158	67.65	15.91	-4.10	146.48	-284.80	-1702.90	218.85	-495.11	517.23
47159	66.54	15.18	-4.10	192.82	-280.18	-1638.59	234.74	-520.89	491.45
47160	61.65	9.56	-4.10	415.67	-267.72	-931.01	312.37	-550.85	226.79
47161	62.26	10.66	-4.10	408.83	-270.53	-1080.07	329.64	-554.38	268.52
47162	62.93	11.71	-4.10	373.09	-267.85	-1214.26	319.11	-554.41	319.85
47163	62.66	9.49	-4.10	343.58	-244.99	-1056.37	280.03	-540.64	179.41
47164	63.08	10.45	-4.10	335.73	-250.11	-1197.48	295.97	-521.66	205.09
47165	63.54	11.38	-4.10	317.70	-253.38	-1322.16	292.79	-511.01	250.22
47166	63.67	9.42	-4.10	283.31	-215.63	-1121.34	253.89	-547.34	135.60
47167	63.90	10.24	-4.10	274.32	-227.25	-1236.09	272.33	-514.55	152.59
47168	64.15	11.05	-4.10	261.76	-237.32	-1345.87	276.36	-490.48	187.14
47169	65.52	14.40	-4.10	240.59	-277.35	-1556.55	254.14	-540.20	458.70
47170	65.80	13.47	-4.10	192.57	-262.85	-1633.10	243.21	-463.23	308.61
47171	66.09	12.53	-4.10	163.78	-241.12	-1563.60	246.92	-443.75	204.51
47172	64.59	13.57	-4.10	286.82	-274.09	-1458.39	275.04	-550.42	420.14
47173	64.97	12.84	-4.10	236.68	-259.23	-1544.80	258.94	-481.91	298.70
47174	65.35	12.11	-4.10	198.02	-240.57	-1507.59	258.25	-458.82	204.56
47175	63.71	12.68	-4.10	333.02	-271.52	-1341.46	297.22	-557.16	377.04
47176	64.17	12.17	-4.10	282.51	-257.82	-1437.63	276.63	-500.09	286.55
47177	64.64	11.67	-4.10	236.43	-240.67	-1436.93	270.61	-473.56	204.69
47178	66.74	9.53	-5.50	50.77	-5.90	-1237.56	98.22	-557.83	41.88
47179	65.71	9.47	-5.50	51.93	-14.77	-1201.94	99.49	-561.11	52.89
47180	64.68	9.42	-5.50	55.57	-23.95	-1153.74	99.93	-560.24	72.17
47181	66.49	10.58	-5.50	59.67	-20.26	-1309.08	106.33	-527.32	71.59
47182	65.61	10.41	-5.50	65.96	-24.94	-1271.27	107.34	-535.73	81.43
47183	64.72	10.24	-5.50	73.32	-30.73	-1220.66	107.57	-541.90	96.69
47184	66.29	11.60	-5.50	74.65	-28.29	-1383.64	108.52	-504.08	117.10
47185	65.53	11.33	-5.50	83.53	-29.67	-1339.60	110.13	-518.25	123.07
47186	64.79	11.04	-5.50	91.52	-33.57	-1283.52	112.14	-530.54	133.82
47187	77.86	9.94	-5.50	57.71	31.01	-1101.07	28.84	-228.45	82.96
47188	76.70	10.00	-5.50	58.96	30.28	-1148.95	37.27	-271.24	80.20
47189	75.56	10.00	-5.50	59.50	29.40	-1189.58	45.95	-314.55	75.39
47190	74.42	9.97	-5.50	59.33	27.89	-1223.46	54.68	-357.30	69.36
47191	73.30	9.93	-5.50	58.57	25.64	-1250.56	63.28	-398.46	62.52
47192	72.19	9.88	-5.50	57.37	22.59	-1270.52	71.54	-437.04	55.34
47193	71.09	9.82	-5.50	55.89	18.71	-1282.69	79.22	-472.07	48.36
47194	69.99	9.75	-5.50	54.26	13.94	-1286.24	86.04	-502.55	42.28
47195	68.89	9.68	-5.50	52.67	8.20	-1280.22	91.67	-527.54	38.06
47196	67.80	9.60	-5.50	51.41	1.45	-1263.68	95.81	-546.30	36.79
47197	77.82	11.78	-5.50	41.97	-9.62	-1160.95	35.28	-215.17	116.64
47198	76.58	11.88	-5.50	41.38	-11.83	-1215.06	45.40	-257.97	115.88
47199	75.37	11.89	-5.50	41.09	-12.51	-1261.26	55.21	-299.71	111.77
47200	74.18	11.82	-5.50	41.01	-12.46	-1299.81	64.65	-339.71	105.45
47201	73.02	11.72	-5.50	41.26	-12.18	-1330.47	73.59	-377.43	97.77
47202	71.87	11.57	-5.50	42.05	-12.00	-1352.75	81.88	-412.32	89.46
47203	70.75	11.41	-5.50	43.58	-12.16	-1365.89	89.34	-443.85	81.28
47204	69.64	11.21	-5.50	46.03	-12.87	-1368.87	95.75	-471.51	74.12
47205	68.55	11.00	-5.50	49.52	-14.37	-1360.48	100.87	-494.89	68.95
47206	67.48	10.78	-5.50	54.19	-17.01	-1339.27	104.46	-513.93	66.90
47207	77.81	13.57	-5.50	25.47	-46.79	-1239.47	42.88	-204.63	156.47
47208	76.53	13.65	-5.50	24.91	-47.23	-1298.84	52.41	-243.85	156.55
47209	75.28	13.63	-5.50	25.05	-46.22	-1350.30	61.59	-282.40	153.75
47210	74.05	13.54	-5.50	26.12	-44.10	-1393.37	70.29	-319.48	148.65
47211	72.84	13.38	-5.50	28.42	-41.22	-1427.41	78.38	-354.46	141.99
47212	71.66	13.17	-5.50	32.23	-37.92	-1451.52	85.76	-386.93	134.57
47213	70.50	12.91	-5.50	37.79	-34.56	-1464.59	92.30	-416.66	127.26
47214	69.38	12.61	-5.50	45.20	-31.51	-1465.17	97.92	-443.50	120.98
47215	68.27	12.28	-5.50	54.39	-29.20	-1451.57	102.53	-467.40	116.69
47216	67.20	11.92	-5.50	64.94	-28.23	-1421.96	106.22	-487.92	114.64
47217	77.80	15.34	-5.50	12.74	-70.30	-1341.48	51.97	-194.84	211.96
47218	76.50	15.38	-5.50	13.21	-67.55	-1403.82	59.46	-231.84	215.01
47219	75.21	15.33	-5.50	15.15	-63.63	-1457.77	66.32	-268.56	215.44
47220	73.95	15.19	-5.50	18.92	-58.78	-1502.26	72.63	-304.38	213.70
47221	72.70	14.98	-5.50	24.85	-53.33	-1536.09	78.41	-338.80	210.33
47222	71.49	14.70	-5.50	33.19	-47.62	-1557.88	83.73	-371.51	205.98
47223	70.31	14.36	-5.50	44.01	-42.04	-1566.05	88.71	-402.35	201.29

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
47224	69.15	13.97	-5.50	57.09	-37.07	-1558.74	93.51	-431.31	196.89
47225	68.04	13.52	-5.50	71.85	-33.23	-1533.95	98.29	-458.28	193.37
47226	66.95	13.03	-5.50	87.25	-31.01	-1489.69	103.26	-482.87	191.60
47227	77.79	17.12	-5.50	14.07	-67.72	-1427.82	62.53	-185.08	323.80
47228	76.46	17.11	-5.50	16.94	-62.46	-1486.58	66.65	-224.24	332.48
47229	75.15	17.01	-5.50	22.06	-56.83	-1536.16	70.28	-263.95	337.91
47230	73.86	16.82	-5.50	29.68	-51.14	-1575.15	73.69	-303.49	340.20
47231	72.59	16.55	-5.50	39.95	-45.67	-1602.05	77.15	-342.23	339.54
47232	71.35	16.20	-5.50	52.80	-40.72	-1615.27	81.02	-379.61	336.14
47233	70.14	15.78	-5.50	67.86	-36.58	-1613.15	85.64	-415.07	330.22
47234	68.96	15.29	-5.50	84.39	-33.57	-1594.00	91.32	-448.11	321.93
47235	67.83	14.73	-5.50	101.13	-31.94	-1556.21	98.30	-478.14	311.52
47236	66.73	14.12	-5.50	116.34	-31.91	-1498.55	106.61	-504.32	299.23
47237	77.78	18.89	-5.50	42.87	-83.21	-1350.54	71.08	-176.67	516.17
47238	76.43	18.83	-5.50	48.64	-78.40	-1400.94	75.82	-223.52	527.87
47239	75.10	18.67	-5.50	56.17	-73.47	-1443.34	80.55	-271.20	534.03
47240	73.78	18.42	-5.50	65.50	-68.58	-1476.41	85.60	-318.62	534.42
47241	72.48	18.09	-5.50	76.55	-63.91	-1498.81	91.22	-364.68	528.90
47242	71.21	17.66	-5.50	89.01	-59.58	-1509.20	97.67	-408.17	517.47
47243	69.98	17.16	-5.50	102.35	-55.71	-1506.22	105.10	-447.92	500.23
47244	68.79	16.58	-5.50	115.76	-52.42	-1488.55	113.54	-482.78	477.44
47245	67.63	15.92	-5.50	128.12	-49.83	-1455.00	122.80	-511.74	449.54
47246	66.53	15.19	-5.50	137.88	-48.16	-1404.67	132.47	-534.23	417.67
47247	61.65	9.56	-5.50	51.17	-55.91	-894.37	121.44	-520.26	190.50
47248	62.25	10.66	-5.50	88.62	-53.83	-987.74	136.33	-534.79	220.91
47249	62.92	11.71	-5.50	117.80	-51.52	-1082.46	147.57	-544.84	258.74
47250	62.66	9.49	-5.50	64.22	-44.75	-1009.06	108.81	-545.27	145.39
47251	63.07	10.45	-5.50	94.01	-44.35	-1095.77	120.06	-546.07	173.21
47252	63.53	11.39	-5.50	116.32	-42.31	-1176.60	127.66	-546.31	211.12
47253	63.67	9.42	-5.50	61.46	-34.34	-1092.92	102.10	-554.42	104.96
47254	63.88	10.25	-5.50	84.54	-37.19	-1166.12	110.78	-545.21	128.09
47255	64.13	11.06	-5.50	103.67	-36.94	-1233.03	115.81	-539.69	162.70
47256	65.51	14.41	-5.50	143.36	-48.18	-1341.26	141.81	-548.43	380.74
47257	65.78	13.49	-5.50	127.08	-33.70	-1429.37	115.18	-523.88	282.53
47258	66.05	12.57	-5.50	99.96	-30.81	-1435.30	108.09	-502.38	189.69
47259	64.58	13.57	-5.50	142.77	-47.85	-1265.91	148.23	-553.77	342.05
47260	64.95	12.86	-5.50	130.67	-35.64	-1352.11	122.43	-536.81	263.61
47261	65.32	12.14	-5.50	107.40	-32.02	-1375.11	112.29	-519.21	186.78
47262	63.70	12.68	-5.50	135.17	-49.04	-1176.39	151.22	-554.14	302.72
47263	64.16	12.19	-5.50	128.39	-39.24	-1262.20	128.05	-544.83	244.08
47264	64.61	11.69	-5.50	111.09	-33.70	-1302.96	116.41	-531.48	182.92
47265	66.73	9.54	-6.90	-126.16	141.49	-1199.00	-0.41	-540.01	29.82
47266	65.70	9.48	-6.90	-145.30	136.03	-1168.10	-6.34	-542.52	44.00
47267	64.68	9.42	-6.90	-167.78	130.33	-1122.42	-12.76	-538.60	65.15
47268	66.46	10.60	-6.90	-101.43	131.86	-1251.30	-0.94	-523.02	67.20
47269	65.58	10.43	-6.90	-116.78	128.43	-1214.53	-5.35	-529.05	78.58
47270	64.70	10.25	-6.90	-135.82	123.91	-1164.93	-10.12	-529.53	93.70
47271	66.24	11.63	-6.90	-72.32	125.86	-1295.37	-0.96	-511.97	117.96
47272	65.50	11.35	-6.90	-86.35	123.89	-1253.00	-3.63	-520.71	122.79
47273	64.77	11.06	-6.90	-105.35	119.12	-1201.43	-5.45	-523.49	130.42
47274	77.85	9.96	-6.90	5.22	153.58	-1024.64	-2.62	-224.02	50.59
47275	76.68	10.04	-6.90	-2.39	154.90	-1072.79	0.88	-264.43	47.92
47276	75.52	10.05	-6.90	-11.49	156.10	-1114.15	4.27	-305.61	43.38
47277	74.39	10.02	-6.90	-21.96	156.68	-1149.48	7.23	-346.45	38.03
47278	73.26	9.98	-6.90	-33.67	156.59	-1178.96	9.59	-385.94	32.36
47279	72.15	9.92	-6.90	-46.50	155.80	-1202.33	11.13	-423.12	26.89
47280	71.05	9.85	-6.90	-60.36	154.30	-1219.00	11.62	-456.97	22.21
47281	69.96	9.78	-6.90	-75.20	152.09	-1228.07	10.84	-486.48	19.04
47282	68.87	9.70	-6.90	-91.06	149.14	-1228.45	8.61	-510.70	18.29
47283	67.78	9.61	-6.90	-108.07	145.45	-1218.79	4.81	-528.86	20.85
47284	77.80	11.82	-6.90	3.19	125.01	-1084.53	-0.97	-208.82	85.58
47285	76.53	11.97	-6.90	-4.55	125.32	-1139.99	3.10	-251.53	87.02
47286	75.30	11.99	-6.90	-12.77	126.86	-1187.33	6.53	-293.33	84.68
47287	74.10	11.93	-6.90	-21.57	128.91	-1227.08	9.19	-333.42	80.13
47288	72.93	11.82	-6.90	-30.85	130.99	-1259.15	10.98	-371.39	74.48
47289	71.79	11.66	-6.90	-40.56	132.83	-1283.17	11.80	-406.77	68.60
47290	70.67	11.48	-6.90	-50.72	134.21	-1298.37	11.56	-438.99	63.32
47291	69.57	11.28	-6.90	-61.52	134.93	-1303.73	10.17	-467.44	59.50
47292	68.49	11.05	-6.90	-73.33	134.78	-1297.95	7.56	-491.46	57.93
47293	67.43	10.81	-6.90	-86.79	133.54	-1279.47	3.69	-510.54	59.45
47294	77.79	13.60	-6.90	3.08	104.71	-1156.87	2.15	-197.70	134.22
47295	76.49	13.73	-6.90	-2.75	107.36	-1216.50	5.13	-238.35	138.01
47296	75.22	13.74	-6.90	-8.63	110.69	-1267.86	7.33	-278.87	138.52
47297	73.97	13.65	-6.90	-14.53	114.36	-1310.44	8.77	-318.33	136.44
47298	72.76	13.49	-6.90	-20.38	118.08	-1343.64	9.47	-356.08	132.61
47299	71.57	13.27	-6.90	-26.22	121.55	-1366.65	9.42	-391.55	127.89
47300	70.42	13.00	-6.90	-32.32	124.48	-1378.41	8.65	-424.22	123.10
47301	69.30	12.69	-6.90	-39.19	126.58	-1377.65	7.17	-453.54	119.06
47302	68.21	12.34	-6.90	-47.67	127.53	-1362.98	5.03	-478.82	116.46
47303	67.14	11.96	-6.90	-58.95	126.93	-1333.14	2.27	-498.73	115.29
47304	77.79	15.37	-6.90	9.41	96.99	-1232.86	6.08	-187.89	208.34
47305	76.47	15.44	-6.90	6.32	101.74	-1291.48	7.33	-228.44	215.98
47306	75.17	15.41	-6.90	3.60	106.58	-1341.68	7.90	-269.37	220.07
47307	73.89	15.29	-6.90	1.26	111.24	-1382.30	7.95	-309.82	221.01
47308	72.64	15.08	-6.90	-0.78	115.44	-1412.28	7.65	-349.04	219.27
47309	71.42	14.79	-6.90	-2.81	118.93	-1430.44	7.17	-386.26	215.39
47310	70.24	14.44	-6.90	-5.39	121.51	-1435.55	6.62	-420.74	209.95
47311	69.09	14.04	-6.90	-9.45	122.93	-1426.29	6.08	-451.71	203.54
47312	67.98	13.58	-6.90	-16.27	122.97	-1401.51	5.54	-478.16	196.73
47313	66.90	13.08	-6.90	-27.42	121.35	-1360.37	4.92	-498.67	190.48
47314	77.78	17.13	-6.90	27.63	92.55	-1267.01	10.34	-180.61	325.41
47315	76.45	17.15	-6.90	27.52	97.27	-1318.86	10.73	-223.68	335.91
47316	75.12	17.06	-6.90	27.82	101.63	-1362.60	10.96	-267.46	341.85
47317	73.82	16.88	-6.90	28.33	105.41	-1397.00	11.20	-310.92	343.25
47318	72.55	16.61	-6.90	28.78	108.47	-1420.83	11.63	-353.03	340.28
47319	71.30	16.26	-6.90	28.65	110.72	-1432.93	12.41	-392.71	333.20
47320	70.09	15.83	-6.90	27.19	112.08	-1432.13	13.58	-428.86	322.40
47321	68.92	15.34	-6.90	23.31	112.49	-1417.35	15.01	-460.36	308.42
47322	67.79	14.78	-6.90	15.62	111.92	-1387.75	16.45	-486.07	291.99

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
47323	66.70	14.15	-6.90	2.40	110.29	-1342.92	17.50	-504.65	274.07
47324	77.77	18.90	-6.90	60.04	57.09	-1182.65	14.52	-177.53	465.58
47325	76.43	18.84	-6.90	62.23	60.72	-1227.98	17.82	-223.52	474.77
47326	75.09	18.69	-6.90	63.99	64.49	-1266.92	21.26	-269.99	478.21
47327	73.77	18.44	-6.90	65.09	68.36	-1298.38	24.91	-315.77	475.76
47328	72.47	18.11	-6.90	65.22	72.26	-1321.31	28.73	-359.63	467.43
47329	71.20	17.69	-6.90	63.92	76.11	-1334.66	32.60	-400.24	453.41
47330	69.96	17.18	-6.90	60.57	79.83	-1337.39	36.31	-436.29	434.13
47331	68.77	16.60	-6.90	54.31	83.30	-1328.50	39.48	-466.53	410.22
47332	67.62	15.94	-6.90	44.08	86.33	-1307.10	41.55	-489.88	382.57
47333	66.52	15.20	-6.90	28.30	88.76	-1272.51	41.85	-505.68	352.72
47334	61.65	9.56	-6.90	-274.82	99.40	-898.39	-22.40	-447.29	173.19
47335	62.25	10.66	-6.90	-193.60	94.95	-968.51	-8.37	-466.48	199.15
47336	62.92	11.71	-6.90	-124.45	92.20	-1037.59	8.72	-483.47	226.58
47337	62.65	9.49	-6.90	-230.60	111.99	-987.84	-20.40	-494.34	132.94
47338	63.06	10.46	-6.90	-172.23	107.49	-1047.62	-11.29	-500.07	159.75
47339	63.51	11.40	-6.90	-119.57	104.04	-1103.39	-0.08	-505.66	190.74
47340	63.66	9.43	-6.90	-196.34	122.24	-1062.88	-17.61	-522.92	96.88
47341	63.86	10.26	-6.90	-156.00	116.97	-1110.32	-12.16	-519.77	121.83
47342	64.11	11.08	-6.90	-116.78	113.23	-1152.63	-5.75	-519.01	153.11
47343	65.50	14.42	-6.90	6.13	89.45	-1227.36	40.06	-512.44	319.82
47344	65.75	13.52	-6.90	-16.05	107.61	-1290.02	17.34	-514.70	253.70
47345	66.01	12.60	-6.90	-41.98	118.66	-1312.36	4.30	-511.03	184.11
47346	64.57	13.58	-6.90	-25.13	90.62	-1172.38	34.09	-510.18	288.15
47347	64.92	12.88	-6.90	-41.65	106.11	-1231.86	14.79	-517.30	234.49
47348	65.29	12.16	-6.90	-60.74	116.25	-1261.71	2.85	-518.51	177.91
47349	63.69	12.69	-6.90	-67.18	91.03	-1106.63	23.66	-501.63	258.33
47350	64.14	12.20	-6.90	-75.10	103.85	-1165.06	9.34	-513.46	216.75
47351	64.58	11.71	-6.90	-85.18	114.50	-1203.22	0.04	-518.85	171.79
47352	66.71	9.55	-8.30	-320.25	282.81	-1157.50	-87.61	-506.02	27.79
47353	65.69	9.49	-8.30	-359.55	276.83	-1134.48	-98.48	-503.28	42.71
47354	64.67	9.43	-8.30	-403.94	270.12	-1098.57	-109.85	-490.73	63.19
47355	66.42	10.63	-8.30	-286.55	268.41	-1193.54	-93.18	-495.04	68.38
47356	65.55	10.45	-8.30	-321.35	263.77	-1164.64	-101.50	-493.94	78.59
47357	64.68	10.27	-8.30	-360.57	258.01	-1126.19	-110.40	-484.56	91.62
47358	66.20	11.67	-8.30	-248.63	253.93	-1219.18	-93.97	-486.22	116.81
47359	65.46	11.38	-8.30	-280.79	251.45	-1186.95	-100.62	-486.68	119.63
47360	64.74	11.08	-8.30	-318.26	246.12	-1149.09	-106.47	-479.34	124.71
47361	77.84	9.98	-8.30	-44.13	284.84	-950.26	-36.29	-212.00	29.77
47362	76.65	10.08	-8.30	-61.62	287.52	-997.67	-37.20	-249.65	27.79
47363	75.49	10.10	-8.30	-81.82	290.10	-1038.99	-38.53	-288.28	24.25
47364	74.35	10.07	-8.30	-104.38	292.11	-1075.02	-40.60	-326.85	20.16
47365	73.23	10.02	-8.30	-129.10	293.39	-1106.15	-43.57	-364.33	16.09
47366	72.12	9.96	-8.30	-155.85	293.87	-1132.19	-47.62	-399.72	12.60
47367	71.02	9.88	-8.30	-184.56	293.48	-1152.61	-52.92	-431.94	10.28
47368	69.93	9.80	-8.30	-215.22	292.18	-1166.53	-59.59	-459.86	9.76
47369	68.84	9.72	-8.30	-247.96	289.93	-1172.77	-67.68	-482.32	11.74
47370	67.76	9.63	-8.30	-283.11	286.64	-1169.96	-77.11	-498.19	16.85
47371	77.79	11.85	-8.30	-34.37	262.79	-1004.69	-38.99	-196.09	68.73
47372	76.48	12.05	-8.30	-50.49	264.95	-1059.78	-40.38	-238.65	73.56
47373	75.23	12.09	-8.30	-68.61	267.55	-1107.05	-42.55	-280.20	73.89
47374	74.02	12.04	-8.30	-88.65	270.04	-1146.81	-45.58	-320.02	71.49
47375	72.85	11.92	-8.30	-110.49	272.12	-1179.33	-49.51	-357.64	67.80
47376	71.71	11.76	-8.30	-134.10	273.62	-1204.38	-54.41	-392.52	63.83
47377	70.60	11.56	-8.30	-159.59	274.39	-1221.40	-60.31	-423.94	60.42
47378	69.51	11.34	-8.30	-187.26	274.29	-1229.54	-67.24	-451.04	58.33
47379	68.44	11.10	-8.30	-217.61	273.18	-1227.76	-75.18	-472.75	58.15
47380	67.38	10.85	-8.30	-251.46	270.96	-1215.00	-84.10	-488.08	60.48
47381	77.78	13.63	-8.30	-21.67	245.86	-1064.10	-39.59	-186.20	125.14
47382	76.45	13.80	-8.30	-34.65	248.90	-1121.72	-41.64	-227.91	132.79
47383	75.15	13.84	-8.30	-49.40	252.04	-1171.37	-44.59	-269.48	136.48
47384	73.89	13.76	-8.30	-65.80	254.97	-1212.28	-48.38	-310.15	136.85
47385	72.67	13.60	-8.30	-83.90	257.39	-1244.25	-52.95	-348.92	134.75
47386	71.49	13.37	-8.30	-103.90	259.09	-1266.76	-58.22	-384.91	131.06
47387	70.34	13.09	-8.30	-126.17	259.94	-1279.14	-64.16	-417.22	126.63
47388	69.22	12.77	-8.30	-151.36	259.80	-1280.59	-70.75	-444.81	122.25
47389	68.14	12.40	-8.30	-180.36	258.54	-1270.29	-77.97	-466.47	118.62
47390	67.09	12.01	-8.30	-214.19	256.03	-1247.94	-85.97	-480.53	115.78
47391	77.78	15.39	-8.30	-3.57	232.09	-1115.06	-38.67	-178.21	205.53
47392	76.44	15.50	-8.30	-13.11	235.49	-1169.04	-41.15	-220.57	216.10
47393	75.12	15.50	-8.30	-24.22	238.55	-1215.55	-44.29	-263.15	222.07
47394	73.83	15.38	-8.30	-37.00	241.11	-1253.40	-47.99	-305.08	223.74
47395	72.57	15.17	-8.30	-51.66	242.95	-1281.90	-52.16	-345.22	221.64
47396	71.35	14.88	-8.30	-68.61	243.97	-1300.24	-56.76	-382.40	216.39
47397	70.17	14.52	-8.30	-88.46	244.12	-1307.66	-61.79	-415.45	208.76
47398	69.02	14.11	-8.30	-112.10	243.36	-1303.43	-67.31	-443.17	199.56
47399	67.92	13.64	-8.30	-140.64	241.69	-1286.99	-73.48	-464.16	189.71
47400	66.85	13.12	-8.30	-175.26	238.84	-1258.42	-80.52	-476.94	180.45
47401	77.77	17.15	-8.30	21.84	209.65	-1125.05	-36.37	-173.84	309.86
47402	76.43	17.18	-8.30	15.24	212.20	-1172.20	-37.89	-217.40	320.22
47403	75.10	17.11	-8.30	6.98	214.45	-1212.84	-39.65	-261.19	325.28
47404	73.78	16.94	-8.30	-3.26	216.30	-1245.86	-41.68	-304.18	325.10
47405	72.50	16.67	-8.30	-15.80	217.67	-1270.44	-44.02	-345.08	319.97
47406	71.25	16.32	-8.30	-31.16	218.55	-1285.75	-46.76	-382.57	310.37
47407	70.04	15.89	-8.30	-49.99	218.94	-1291.01	-50.09	-415.34	296.99
47408	68.87	15.39	-8.30	-73.18	218.84	-1285.52	-54.30	-442.08	280.73
47409	67.75	14.82	-8.30	-101.90	218.31	-1268.75	-59.77	-461.54	262.76
47410	66.66	14.19	-8.30	-137.58	217.23	-1240.66	-66.76	-472.39	244.36
47411	77.77	18.90	-8.30	54.17	161.13	-1055.89	-32.30	-173.82	412.93
47412	76.42	18.85	-8.30	49.68	163.52	-1098.52	-30.57	-217.04	419.74
47413	75.08	18.70	-8.30	42.94	166.22	-1136.25	-29.00	-260.28	421.07
47414	73.75	18.46	-8.30	33.69	169.22	-1168.21	-27.74	-302.46	416.89
47415	72.45	18.13	-8.30	21.61	172.47	-1193.61	-27.05	-342.31	407.35
47416	71.18	17.71	-8.30	6.28	175.89	-1211.63	-27.22	-378.52	392.83
47417	69.95	17.20	-8.30	-12.85	179.43	-1221.43	-28.64	-409.77	373.92
47418	68.75	16.62	-8.30	-36.53	182.97	-1222.19	-31.79	-434.79	351.49
47419	67.61	15.95	-8.30	-65.74	186.40	-1213.15	-37.25	-452.44	326.63
47420	66.51	15.22	-8.30	-102.07	189.68	-1193.76	-45.55	-461.96	301.08
47421	61.65	9.56	-8.30	-568.24	231.03	-928.91	-144.02	-356.23	165.31



Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
47422	62.24	10.66	-8.30	-453.06	217.99	-983.86	-131.24	-383.93	186.04
47423	62.91	11.72	-8.30	-353.14	206.80	-1035.37	-111.27	-408.90	206.01
47424	62.65	9.50	-8.30	-507.23	246.94	-994.66	-131.68	-418.27	125.61
47425	63.05	10.47	-8.30	-424.36	234.82	-1038.41	-124.63	-429.40	149.70
47426	63.50	11.41	-8.30	-347.56	223.55	-1078.30	-112.42	-440.33	175.19
47427	63.66	9.43	-8.30	-454.37	259.97	-1051.89	-120.66	-462.07	92.39
47428	63.85	10.27	-8.30	-397.93	248.36	-1084.53	-117.78	-461.95	116.15
47429	64.09	11.09	-8.30	-340.97	237.77	-1113.03	-111.85	-464.36	143.42
47430	65.49	14.43	-8.30	-145.79	191.67	-1165.63	-56.31	-461.81	273.82
47431	65.72	13.54	-8.30	-177.71	215.75	-1206.02	-75.06	-474.06	225.10
47432	65.97	12.63	-8.30	-211.33	235.89	-1224.67	-87.22	-480.35	172.05
47433	64.56	13.59	-8.30	-200.20	195.12	-1129.24	-71.26	-452.30	249.68
47434	64.90	12.90	-8.30	-224.38	216.61	-1166.83	-85.32	-468.47	208.94
47435	65.25	12.19	-8.30	-248.66	234.63	-1188.87	-94.29	-479.31	165.29
47436	63.69	12.69	-8.30	-267.74	199.35	-1084.22	-90.04	-435.52	228.34
47437	64.12	12.21	-8.30	-279.76	217.63	-1121.19	-98.25	-455.77	195.08
47438	64.56	11.73	-8.30	-291.64	234.94	-1147.82	-103.06	-470.42	159.46
47439	66.76	-9.49	-2.70	383.53	-197.47	-1065.39	-288.21	-534.00	-154.05
47440	65.73	-9.44	-2.70	411.00	-219.07	-1007.50	-314.75	-534.81	-162.77
47441	64.69	-9.39	-2.70	445.50	-248.11	-939.90	-345.15	-522.43	-183.94
47442	66.54	-10.47	-2.70	326.82	-227.85	-1118.24	-324.80	-469.94	-175.19
47443	65.64	-10.33	-2.70	352.75	-245.46	-1075.73	-352.53	-466.44	-182.81
47444	64.75	-10.18	-2.70	384.55	-269.35	-1025.94	-383.98	-453.42	-198.60
47445	66.34	-11.46	-2.70	261.28	-268.33	-1194.34	-350.20	-399.54	-211.14
47446	65.57	-11.21	-2.70	287.59	-280.32	-1161.87	-375.46	-395.56	-217.48
47447	64.82	-10.96	-2.70	321.13	-297.37	-1122.40	-402.77	-386.46	-231.39
47448	77.88	-9.89	-2.70	172.00	-119.52	-1002.20	-78.21	-212.42	-203.10
47449	76.75	-9.88	-2.70	189.65	-122.66	-1048.82	-93.71	-252.29	-201.96
47450	75.61	-9.86	-2.70	207.55	-126.44	-1088.99	-110.64	-292.83	-199.04
47451	74.49	-9.83	-2.70	225.82	-130.90	-1121.84	-128.92	-333.08	-194.43
47452	73.37	-9.80	-2.70	244.71	-136.13	-1146.56	-148.48	-372.13	-188.30
47453	72.25	-9.76	-2.70	264.51	-142.22	-1162.26	-169.26	-409.13	-180.98
47454	71.14	-9.71	-2.70	285.54	-149.38	-1167.93	-191.19	-443.31	-172.92
47455	70.03	-9.66	-2.70	308.01	-157.90	-1162.34	-214.18	-473.97	-164.80
47456	68.93	-9.60	-2.70	332.03	-168.27	-1144.02	-238.14	-500.31	-157.61
47457	67.83	-9.54	-2.70	357.58	-181.11	-1111.34	-262.92	-521.25	-152.75
47458	77.85	-11.68	-2.70	135.28	-165.68	-1006.04	-92.08	-209.15	-224.69
47459	76.65	-11.64	-2.70	149.73	-168.73	-1056.47	-109.54	-245.05	-223.58
47460	75.46	-11.58	-2.70	164.42	-172.07	-1100.59	-128.52	-281.02	-220.56
47461	74.29	-11.50	-2.70	179.53	-175.70	-1137.50	-148.90	-316.09	-215.74
47462	73.13	-11.40	-2.70	195.38	-179.69	-1166.42	-170.61	-349.35	-209.38
47463	71.98	-11.28	-2.70	212.37	-184.17	-1186.47	-193.58	-380.02	-201.86
47464	70.85	-11.15	-2.70	230.90	-189.38	-1196.65	-217.77	-407.44	-193.71
47465	69.73	-10.99	-2.70	251.42	-195.70	-1195.75	-243.15	-431.01	-185.64
47466	68.62	-10.82	-2.70	274.38	-203.69	-1182.34	-269.72	-450.09	-178.54
47467	67.53	-10.63	-2.70	300.39	-214.20	-1154.84	-297.46	-464.03	-173.78
47468	77.82	-13.48	-2.70	94.01	-223.59	-1031.11	-106.73	-208.00	-247.84
47469	76.57	-13.42	-2.70	104.37	-226.99	-1085.87	-125.40	-238.94	-247.37
47470	75.34	-13.32	-2.70	115.05	-230.25	-1134.54	-145.55	-269.34	-245.09
47471	74.12	-13.19	-2.70	126.31	-233.35	-1176.18	-167.06	-298.27	-241.13
47472	72.92	-13.03	-2.70	138.51	-236.34	-1209.97	-189.86	-324.86	-235.83
47473	71.75	-12.83	-2.70	152.13	-239.38	-1234.97	-213.88	-348.39	-229.63
47474	70.59	-12.61	-2.70	167.72	-242.72	-1250.16	-239.11	-368.24	-223.10
47475	69.46	-12.35	-2.70	185.95	-246.74	-1254.31	-265.60	-383.87	-216.97
47476	68.35	-12.06	-2.70	207.59	-252.02	-1246.07	-293.42	-394.71	-212.11
47477	67.26	-11.74	-2.70	233.72	-259.27	-1223.83	-322.80	-399.93	-209.33
47478	77.80	-15.28	-2.70	47.96	-301.16	-1082.38	-125.17	-211.18	-278.27
47479	76.50	-15.20	-2.70	53.63	-305.75	-1142.21	-144.51	-236.73	-279.20
47480	75.23	-15.07	-2.70	59.88	-309.78	-1196.21	-165.16	-261.23	-278.52
47481	73.98	-14.90	-2.70	67.07	-313.21	-1243.41	-187.02	-283.76	-276.40
47482	72.74	-14.67	-2.70	75.63	-316.09	-1282.88	-209.97	-303.50	-273.22
47483	71.54	-14.40	-2.70	86.20	-318.56	-1313.63	-233.97	-319.76	-269.47
47484	70.36	-14.08	-2.70	99.55	-320.86	-1334.56	-259.00	-331.96	-265.78
47485	69.21	-13.72	-2.70	116.64	-323.37	-1344.39	-285.11	-339.67	-262.95
47486	68.09	-13.31	-2.70	138.71	-326.66	-1341.68	-312.43	-342.47	-261.98
47487	67.00	-12.86	-2.70	167.32	-331.59	-1324.59	-341.19	-339.89	-264.45
47488	77.78	-17.07	-2.70	-12.05	-416.26	-1212.54	-154.52	-224.75	-312.28
47489	76.46	-16.99	-2.70	-12.34	-423.22	-1281.29	-174.12	-244.46	-314.62
47490	75.15	-16.84	-2.70	-11.30	-429.15	-1344.09	-194.75	-262.52	-315.88
47491	73.86	-16.62	-2.70	-8.41	-434.02	-1399.76	-216.23	-278.08	-316.29
47492	72.60	-16.34	-2.70	-2.93	-437.85	-1447.01	-238.46	-290.48	-316.33
47493	71.36	-15.99	-2.70	6.03	-440.76	-1484.37	-261.37	-299.22	-316.66
47494	70.16	-15.58	-2.70	19.65	-442.98	-1510.14	-284.99	-303.99	-318.02
47495	68.99	-15.11	-2.70	39.40	-444.90	-1522.33	-309.47	-304.82	-321.30
47496	67.85	-14.58	-2.70	67.07	-447.11	-1518.49	-335.21	-302.13	-327.62
47497	66.76	-14.00	-2.70	105.02	-450.45	-1496.05	-362.62	-296.10	-338.24
47498	77.77	-18.88	-2.70	-86.08	-643.92	-1341.99	-235.44	-229.77	-448.82
47499	76.43	-18.79	-2.70	-96.30	-653.98	-1417.77	-256.71	-251.21	-459.82
47500	75.09	-18.61	-2.70	-102.93	-661.72	-1485.19	-277.75	-271.28	-469.92
47501	73.77	-18.35	-2.70	-104.96	-667.03	-1542.49	-298.45	-289.58	-479.13
47502	72.48	-18.01	-2.70	-101.11	-670.02	-1587.80	-318.80	-305.71	-487.68
47503	71.22	-17.59	-2.70	-89.96	-670.86	-1619.09	-338.92	-319.36	-495.85
47504	69.98	-17.09	-2.70	-69.92	-669.79	-1634.19	-359.12	-330.35	-503.84
47505	68.79	-16.51	-2.70	-39.32	-667.11	-1630.80	-379.95	-338.62	-511.82
47506	67.64	-15.87	-2.70	3.64	-663.08	-1606.58	-402.25	-344.34	-519.75
47507	66.54	-15.15	-2.70	60.66	-658.53	-1558.85	-427.48	-348.65	-528.26
47508	61.65	-9.56	-2.70	717.28	-461.77	-809.63	-645.49	-392.17	-391.71
47509	62.26	-10.65	-2.70	514.89	-511.71	-993.26	-608.76	-320.00	-441.27
47510	62.93	-11.69	-2.70	416.10	-576.70	-1150.52	-567.74	-326.11	-493.21
47511	62.66	-9.48	-2.70	568.55	-353.53	-849.38	-481.98	-430.38	-281.51
47512	63.08	-10.42	-2.70	441.66	-370.14	-1040.47	-498.72	-334.00	-308.70
47513	63.54	-11.34	-2.70	347.08	-418.38	-1198.05	-478.81	-288.31	-355.45
47514	63.67	-9.40	-2.70	492.58	-292.21	-880.69	-392.80	-485.80	-224.22
47515	63.90	-10.21	-2.70	416.46	-306.62	-1003.89	-430.72	-410.33	-235.53
47516	64.15	-11.00	-2.70	336.51	-334.69	-1128.80	-435.82	-346.33	-271.59
47517	65.52	-14.37	-2.70	131.44	-651.75	-1488.47	-456.15	-351.37	-532.91
47518	65.80	-13.39	-2.70	151.54	-452.02	-1454.68	-389.75	-288.34	-348.82
47519	66.09	-12.43	-2.70	199.36	-337.17	-1296.92	-367.67	-333.96	-269.04
47520	64.59	-13.54	-2.70	214.38	-639.15	-1396.51	-486.46	-346.28	-532.13

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
47521	64.97	-12.78	-2.70	205.38	-450.26	-1394.33	-417.63	-283.92	-358.64
47522	65.35	-12.03	-2.70	234.86	-342.51	-1261.35	-392.40	-330.12	-275.01
47523	63.71	-12.66	-2.70	310.34	-623.46	-1282.38	-523.65	-339.27	-527.02
47524	64.17	-12.13	-2.70	271.86	-449.75	-1313.89	-450.39	-281.09	-370.80
47525	64.64	-11.61	-2.70	278.92	-349.37	-1214.91	-420.60	-324.20	-283.72
47526	66.76	-9.49	-4.10	224.71	-106.62	-1047.40	-191.26	-518.84	-94.82
47527	65.73	-9.44	-4.10	241.21	-122.75	-1005.09	-203.92	-516.37	-100.28
47528	64.69	-9.39	-4.10	264.99	-142.45	-954.79	-217.36	-505.70	-114.14
47529	66.54	-10.47	-4.10	208.47	-128.33	-1099.19	-212.00	-467.97	-106.99
47530	65.64	-10.33	-4.10	229.40	-140.32	-1065.28	-224.06	-467.58	-112.03
47531	64.75	-10.18	-4.10	256.64	-155.58	-1023.48	-236.15	-462.99	-122.68
47532	66.34	-11.46	-4.10	194.56	-150.31	-1167.38	-224.34	-416.20	-130.11
47533	65.57	-11.21	-4.10	219.70	-157.27	-1136.76	-234.96	-421.23	-134.22
47534	64.82	-10.96	-4.10	250.67	-167.69	-1097.34	-245.42	-425.24	-143.90
47535	77.88	-9.89	-4.10	113.46	-46.05	-940.40	-55.53	-219.94	-155.96
47536	76.75	-9.88	-4.10	123.64	-47.66	-985.58	-67.05	-258.76	-153.00
47537	75.61	-9.86	-4.10	133.76	-49.99	-1025.39	-79.45	-298.11	-148.42
47538	74.49	-9.83	-4.10	143.86	-53.07	-1059.07	-92.63	-337.10	-142.32
47539	73.37	-9.80	-4.10	154.08	-56.96	-1085.81	-106.44	-374.82	-134.89
47540	72.25	-9.76	-4.10	164.53	-61.74	-1104.70	-120.73	-410.36	-126.44
47541	71.14	-9.71	-4.10	175.35	-67.57	-1114.73	-135.30	-442.75	-117.43
47542	70.03	-9.66	-4.10	186.62	-74.64	-1114.81	-149.92	-471.03	-108.51
47543	68.93	-9.60	-4.10	198.45	-83.28	-1103.82	-164.34	-494.09	-100.60
47544	67.83	-9.54	-4.10	211.11	-93.88	-1080.85	-178.27	-510.70	-94.84
47545	77.85	-11.68	-4.10	87.90	-86.14	-950.97	-66.43	-211.96	-170.23
47546	76.65	-11.64	-4.10	96.24	-87.40	-1000.40	-79.19	-247.23	-167.09
47547	75.46	-11.58	-4.10	104.74	-89.04	-1044.43	-92.86	-282.48	-162.16
47548	74.29	-11.50	-4.10	113.58	-91.05	-1082.35	-107.28	-316.88	-155.61
47549	73.13	-11.40	-4.10	122.97	-93.49	-1113.31	-122.29	-349.59	-147.69
47550	71.98	-11.28	-4.10	133.20	-96.46	-1136.38	-137.72	-379.80	-138.80
47551	70.85	-11.15	-4.10	144.57	-100.14	-1150.50	-153.35	-406.77	-129.45
47552	69.73	-10.99	-4.10	157.43	-104.80	-1154.51	-168.95	-429.80	-120.36
47553	68.62	-10.82	-4.10	172.18	-110.80	-1147.16	-184.24	-448.22	-112.39
47554	67.53	-10.63	-4.10	189.48	-118.71	-1127.31	-198.96	-461.52	-106.73
47555	77.82	-13.48	-4.10	60.66	-131.43	-980.05	-78.39	-204.63	-185.29
47556	76.57	-13.42	-4.10	66.75	-132.42	-1034.09	-91.56	-235.38	-182.58
47557	75.34	-13.32	-4.10	73.45	-133.32	-1082.80	-105.53	-265.61	-178.04
47558	74.12	-13.19	-4.10	80.99	-134.12	-1125.45	-120.15	-294.59	-171.94
47559	72.92	-13.03	-4.10	89.74	-134.87	-1161.11	-135.28	-321.61	-164.58
47560	71.75	-12.83	-4.10	100.14	-135.67	-1188.76	-150.72	-346.02	-156.45
47561	70.59	-12.61	-4.10	112.71	-136.72	-1207.22	-166.29	-367.33	-148.11
47562	69.46	-12.35	-4.10	128.05	-138.32	-1215.14	-181.77	-385.21	-140.33
47563	68.35	-12.06	-4.10	146.87	-140.90	-1211.02	-196.97	-399.44	-134.00
47564	67.26	-11.74	-4.10	170.02	-145.03	-1193.19	-211.77	-409.73	-129.76
47565	77.80	-15.28	-4.10	32.52	-181.24	-1037.31	-93.36	-199.00	-201.69
47566	76.50	-15.20	-4.10	36.34	-181.96	-1096.75	-105.83	-224.77	-200.04
47567	75.23	-15.07	-4.10	41.49	-182.04	-1150.90	-118.83	-249.69	-196.80
47568	73.98	-14.90	-4.10	48.36	-181.45	-1198.88	-132.25	-273.17	-192.31
47569	72.74	-14.67	-4.10	57.47	-180.24	-1239.57	-145.94	-294.69	-187.01
47570	71.54	-14.40	-4.10	69.46	-178.55	-1271.66	-159.77	-313.89	-181.44
47571	70.36	-14.08	-4.10	85.07	-176.60	-1293.62	-173.61	-330.65	-176.25
47572	69.21	-13.72	-4.10	105.10	-174.76	-1303.63	-187.40	-345.12	-172.20
47573	68.09	-13.31	-4.10	130.49	-173.53	-1299.53	-201.12	-357.69	-170.14
47574	67.00	-12.86	-4.10	162.10	-173.60	-1278.96	-214.88	-368.81	-171.25
47575	77.78	-17.07	-4.10	7.22	-219.31	-1135.17	-116.07	-192.90	-239.62
47576	76.46	-16.99	-4.10	9.23	-218.55	-1200.92	-125.56	-215.51	-241.11
47577	75.15	-16.84	-4.10	14.02	-216.78	-1260.18	-135.05	-237.38	-241.73
47578	73.86	-16.62	-4.10	22.17	-214.08	-1311.65	-144.56	-258.21	-241.89
47579	72.60	-16.34	-4.10	34.36	-210.63	-1353.74	-154.08	-277.81	-241.93
47580	71.36	-15.99	-4.10	51.31	-206.68	-1384.67	-163.72	-296.20	-242.25
47581	70.16	-15.58	-4.10	73.75	-202.58	-1402.40	-173.69	-313.57	-243.17
47582	68.99	-15.11	-4.10	102.30	-198.80	-1404.62	-184.32	-330.35	-244.94
47583	67.85	-14.58	-4.10	137.38	-195.92	-1388.80	-196.10	-347.18	-247.72
47584	66.76	-14.00	-4.10	179.24	-194.44	-1352.47	-209.59	-364.58	-251.55
47585	77.77	-18.88	-4.10	12.61	-231.30	-1127.57	-145.65	-176.30	-390.27
47586	76.43	-18.79	-4.10	15.22	-227.69	-1192.09	-151.14	-205.88	-401.71
47587	75.09	-18.61	-4.10	22.06	-223.68	-1249.02	-156.03	-235.84	-410.81
47588	73.77	-18.35	-4.10	33.78	-219.55	-1296.91	-160.71	-265.80	-417.33
47589	72.48	-18.01	-4.10	50.91	-215.60	-1334.11	-165.63	-295.33	-421.08
47590	71.22	-17.59	-4.10	73.85	-212.11	-1358.90	-171.33	-323.93	-421.84
47591	69.98	-17.09	-4.10	102.76	-209.35	-1369.45	-178.47	-351.11	-419.34
47592	68.79	-16.51	-4.10	137.49	-207.53	-1363.93	-187.73	-376.35	-413.25
47593	67.64	-15.87	-4.10	177.53	-206.85	-1340.51	-199.82	-399.24	-403.18
47594	66.54	-15.15	-4.10	221.86	-207.51	-1297.54	-215.27	-419.62	-389.25
47595	61.65	-9.56	-4.10	432.83	-223.94	-737.58	-296.15	-470.70	-207.62
47596	62.26	-10.65	-4.10	426.32	-221.01	-860.09	-311.55	-463.66	-235.35
47597	62.93	-11.69	-4.10	392.66	-214.67	-969.40	-300.06	-455.38	-272.24
47598	62.66	-9.48	-4.10	361.68	-198.04	-844.10	-263.14	-470.50	-174.08
47599	63.08	-10.42	-4.10	355.70	-198.87	-956.97	-277.76	-445.57	-187.77
47600	63.54	-11.34	-4.10	339.80	-198.18	-1057.10	-274.43	-427.91	-218.90
47601	63.67	-9.40	-4.10	302.83	-168.42	-904.56	-236.44	-484.91	-139.65
47602	63.90	-10.21	-4.10	296.74	-175.65	-992.76	-253.32	-449.43	-146.95
47603	64.15	-11.00	-4.10	286.57	-181.53	-1078.14	-257.16	-421.34	-169.65
47604	65.52	-14.37	-4.10	267.37	-209.72	-1237.96	-234.34	-435.67	-368.79
47605	65.80	-13.39	-4.10	222.78	-194.58	-1299.81	-224.48	-381.15	-251.83
47606	66.09	-12.43	-4.10	195.14	-175.21	-1246.44	-227.43	-378.48	-173.65
47607	64.59	-13.54	-4.10	311.23	-211.54	-1163.10	-255.18	-445.33	-343.42
47608	64.97	-12.78	-4.10	264.12	-195.48	-1233.06	-240.29	-397.36	-248.54
47609	65.35	-12.03	-4.10	227.41	-177.83	-1204.63	-238.87	-390.48	-176.42
47610	63.71	-12.66	-4.10	354.75	-213.86	-1071.22	-277.59	-453.33	-313.69
47611	64.17	-12.13	-4.10	306.95	-198.53	-1149.22	-258.15	-414.14	-243.08
47612	64.64	-11.61	-4.10	263.47	-181.24	-1149.47	-251.39	-402.73	-179.85
47613	66.76	-9.49	-5.50	54.63	11.12	-1033.84	-91.65	-508.84	-62.94
47614	65.73	-9.44	-5.50	55.68	2.15	-1000.74	-93.39	-508.66	-70.21
47615	64.69	-9.39	-5.50	58.83	-7.63	-956.37	-94.73	-503.66	-84.78
47616	66.54	-10.47	-5.50	63.58	-0.80	-1076.82	-99.08	-474.93	-77.71
47617	65.64	-10.33	-5.50	69.17	-6.54	-1045.50	-100.77	-479.31	-85.33
47618	64.75	-10.18	-5.50	75.69	-13.65	-1002.81	-101.91	-481.21	-97.68
47619	66.34	-11.46	-5.50	77.58	-8.47	-1125.48	-102.00	-445.05	-104.93

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
47620	65.57	-11.21	-5.50	85.68	-11.31	-1092.04	-104.12	-455.19	-110.99
47621	64.82	-10.96	-5.50	93.04	-16.69	-1047.90	-106.55	-463.22	-120.83
47622	77.88	-9.89	-5.50	52.43	43.16	-884.16	-27.62	-221.07	-117.63
47623	76.75	-9.88	-5.50	54.40	43.49	-928.05	-34.93	-258.81	-113.71
47624	75.61	-9.86	-5.50	55.79	43.12	-967.70	-42.57	-297.03	-108.42
47625	74.49	-9.83	-5.50	56.66	42.05	-1002.39	-50.40	-334.88	-101.92
47626	73.37	-9.80	-5.50	57.07	40.25	-1031.34	-58.23	-371.45	-94.43
47627	72.25	-9.76	-5.50	57.11	37.70	-1053.68	-65.85	-405.79	-86.32
47628	71.14	-9.71	-5.50	56.84	34.33	-1068.48	-73.01	-436.90	-78.08
47629	70.03	-9.66	-5.50	56.31	30.06	-1074.70	-79.44	-463.75	-70.41
47630	68.93	-9.60	-5.50	55.61	24.78	-1071.32	-84.85	-485.31	-64.23
47631	67.83	-9.54	-5.50	54.95	18.34	-1057.46	-89.01	-500.71	-60.55
47632	77.85	-11.68	-5.50	38.61	11.15	-899.93	-34.35	-210.42	-129.41
47633	76.65	-11.64	-5.50	40.06	12.11	-948.23	-42.06	-245.33	-125.37
47634	75.46	-11.58	-5.50	41.31	12.71	-992.19	-50.09	-280.39	-119.88
47635	74.29	-11.50	-5.50	42.53	12.97	-1031.04	-58.23	-314.78	-113.14
47636	73.13	-11.40	-5.50	43.90	12.87	-1063.94	-66.28	-347.70	-105.47
47637	71.98	-11.28	-5.50	45.61	12.37	-1089.91	-74.01	-378.37	-97.31
47638	70.85	-11.15	-5.50	47.82	11.36	-1107.81	-81.17	-406.07	-89.27
47639	69.73	-10.99	-5.50	50.66	9.70	-1116.41	-87.50	-430.13	-82.11
47640	68.62	-10.82	-5.50	54.22	7.19	-1114.33	-92.74	-449.95	-76.71
47641	67.53	-10.63	-5.50	58.58	3.51	-1100.17	-96.69	-465.28	-74.13
47642	77.82	-13.48	-5.50	25.79	-19.10	-932.71	-41.94	-199.88	-144.72
47643	76.57	-13.42	-5.50	26.84	-17.32	-985.66	-49.18	-231.34	-141.34
47644	75.34	-13.32	-5.50	28.26	-15.46	-1034.15	-56.62	-262.71	-136.55
47645	74.12	-13.19	-5.50	30.35	-13.50	-1077.29	-64.08	-293.31	-130.64
47646	72.92	-13.03	-5.50	33.37	-11.49	-1114.07	-71.37	-322.50	-124.00
47647	71.75	-12.83	-5.50	37.59	-9.51	-1143.26	-78.31	-349.77	-117.16
47648	70.59	-12.61	-5.50	43.22	-7.75	-1163.44	-84.71	-374.70	-110.76
47649	69.46	-12.35	-5.50	50.36	-6.45	-1172.95	-90.39	-397.02	-105.55
47650	68.35	-12.06	-5.50	58.95	-5.98	-1169.91	-95.24	-416.52	-102.37
47651	67.26	-11.74	-5.50	68.63	-6.81	-1152.31	-99.27	-432.79	-101.53
47652	77.80	-15.28	-5.50	16.84	-39.59	-985.58	-51.04	-190.05	-171.37
47653	76.50	-15.20	-5.50	18.01	-36.53	-1043.25	-56.55	-218.50	-169.94
47654	75.23	-15.07	-5.50	20.43	-33.05	-1095.88	-62.08	-246.87	-167.41
47655	73.98	-14.90	-5.50	24.42	-29.19	-1142.30	-67.51	-274.67	-164.13
47656	72.74	-14.67	-5.50	30.31	-25.08	-1181.22	-72.79	-301.52	-160.47
47657	71.54	-14.40	-5.50	38.31	-20.92	-1211.05	-77.88	-327.15	-156.88
47658	70.36	-14.08	-5.50	48.52	-17.02	-1229.95	-82.79	-351.43	-153.86
47659	69.21	-13.72	-5.50	60.79	-13.78	-1235.86	-87.60	-374.32	-151.89
47660	68.09	-13.31	-5.50	74.62	-11.69	-1226.50	-92.43	-395.76	-151.39
47661	67.00	-12.86	-5.50	89.07	-11.25	-1199.68	-97.40	-415.41	-153.00
47662	77.78	-17.07	-5.50	19.32	-40.84	-1032.41	-61.66	-180.53	-238.77
47663	76.46	-16.99	-5.50	21.81	-35.97	-1092.87	-64.38	-209.11	-241.99
47664	75.15	-16.84	-5.50	26.45	-31.02	-1146.77	-66.97	-238.03	-244.04
47665	73.86	-16.62	-5.50	33.55	-26.20	-1192.72	-69.56	-266.90	-245.05
47666	72.60	-16.34	-5.50	43.25	-21.71	-1229.15	-72.39	-295.41	-245.14
47667	71.36	-15.99	-5.50	55.50	-17.82	-1254.36	-75.73	-323.27	-244.39
47668	70.16	-15.58	-5.50	69.98	-14.81	-1266.51	-79.88	-350.18	-242.80
47669	68.99	-15.11	-5.50	85.98	-12.97	-1263.69	-85.12	-375.83	-240.33
47670	67.85	-14.58	-5.50	102.35	-12.58	-1244.09	-91.67	-399.78	-236.92
47671	66.76	-14.00	-5.50	117.44	-13.86	-1206.31	-99.58	-421.29	-232.46
47672	77.77	-18.88	-5.50	43.31	-53.92	-967.07	-70.25	-171.52	-366.22
47673	76.43	-18.79	-5.50	48.53	-48.86	-1023.04	-73.14	-204.98	-376.74
47674	75.09	-18.61	-5.50	55.75	-44.13	-1072.54	-76.11	-239.31	-383.97
47675	73.77	-18.35	-5.50	65.08	-39.85	-1114.29	-79.47	-273.86	-387.59
47676	72.48	-18.01	-5.50	76.39	-36.14	-1146.97	-83.56	-307.86	-387.38
47677	71.22	-17.59	-5.50	89.35	-33.08	-1169.20	-88.66	-340.46	-383.15
47678	69.98	-17.09	-5.50	103.37	-30.73	-1179.56	-94.98	-370.76	-374.81
47679	68.79	-16.51	-5.50	117.56	-29.13	-1176.72	-102.60	-397.85	-362.35
47680	67.64	-15.87	-5.50	130.76	-28.33	-1159.45	-111.33	-420.87	-345.91
47681	66.54	-15.15	-5.50	141.42	-28.48	-1126.83	-120.78	-439.29	-326.22
47682	61.65	-9.56	-5.50	57.59	-45.30	-730.03	-117.10	-446.99	-174.39
47683	62.26	-10.65	-5.50	95.09	-41.90	-804.52	-130.22	-452.42	-192.82
47684	62.93	-11.69	-5.50	124.14	-38.08	-880.63	-139.36	-455.13	-217.99
47685	62.66	-9.48	-5.50	67.72	-32.00	-827.03	-105.32	-476.21	-140.45
47686	63.08	-10.42	-5.50	96.80	-31.03	-894.96	-115.35	-469.93	-156.13
47687	63.54	-11.34	-5.50	119.02	-28.39	-959.09	-121.68	-463.60	-180.99
47688	63.67	-9.40	-5.50	64.32	-19.45	-900.98	-97.99	-491.55	-110.02
47689	63.90	-10.21	-5.50	86.46	-21.91	-955.63	-105.97	-477.18	-122.00
47690	64.15	-11.00	-5.50	104.97	-21.67	-1006.59	-110.52	-466.27	-143.86
47691	65.52	-14.37	-5.50	147.75	-30.12	-1081.71	-130.18	-451.50	-301.63
47692	65.80	-13.39	-5.50	128.25	-16.82	-1156.49	-107.92	-437.98	-223.87
47693	66.09	-12.43	-5.50	101.05	-12.65	-1161.94	-102.28	-430.99	-154.38
47694	64.59	-13.54	-5.50	147.92	-31.55	-1024.99	-137.13	-457.18	-275.59
47695	64.97	-12.78	-5.50	132.26	-19.92	-1097.68	-115.15	-450.09	-213.41
47696	65.35	-12.03	-5.50	108.29	-15.13	-1117.04	-106.58	-444.94	-155.10
47697	63.71	-12.66	-5.50	141.02	-34.35	-955.25	-141.15	-459.54	-248.60
47698	64.17	-12.13	-5.50	130.63	-24.65	-1027.08	-121.02	-458.64	-202.19
47699	64.64	-11.61	-5.50	112.08	-17.98	-1060.95	-110.77	-455.49	-155.69
47700	66.76	-9.49	-6.90	-133.64	133.49	-1015.15	0.19	-491.94	-49.67
47701	65.73	-9.44	-6.90	-152.40	127.66	-987.96	5.35	-490.55	-59.24
47702	64.69	-9.39	-6.90	-174.31	121.33	-947.71	10.93	-482.52	-74.98
47703	66.54	-10.47	-6.90	-111.74	123.32	-1044.78	0.47	-469.57	-69.10
47704	65.64	-10.33	-6.90	-126.44	119.31	-1016.05	4.37	-471.78	-78.16
47705	64.75	-10.18	-6.90	-144.51	114.13	-975.75	8.66	-468.78	-90.61
47706	66.34	-11.46	-6.90	-85.46	115.49	-1071.71	0.73	-450.69	-99.59
47707	65.57	-11.21	-6.90	-98.20	113.17	-1040.46	3.13	-456.48	-105.35
47708	64.82	-10.96	-6.90	-115.46	108.16	-1000.54	4.93	-456.67	-113.26
47709	77.88	-9.89	-6.90	-9.57	142.91	-830.76	3.75	-215.46	-88.32
47710	76.75	-9.88	-6.90	-16.70	145.24	-873.36	0.49	-251.90	-84.21
47711	75.61	-9.86	-6.90	-25.09	146.86	-912.70	-2.63	-288.84	-79.06
47712	74.49	-9.83	-6.90	-34.71	147.77	-948.16	-5.42	-325.45	-73.07
47713	73.37	-9.80	-6.90	-45.50	147.97	-979.02	-7.71	-360.86	-66.53
47714	72.25	-9.76	-6.90	-57.40	147.45	-1004.45	-9.27	-394.09	-59.82
47715	71.14	-9.71	-6.90	-70.37	146.21	-1023.53	-9.90	-424.12	-53.48
47716	70.03	-9.66	-6.90	-84.41	144.20	-1035.20	-9.39	-449.90	-48.18
47717	68.93	-9.60	-6.90	-99.58	141.36	-1038.34	-7.56	-470.40	-44.81
47718	67.83	-9.54	-6.90	-116.03	137.64	-1031.72	-4.35	-484.75	-44.17

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
47719	77.85	-11.68	-6.90	-12.37	116.82	-848.49	1.66	-204.04	-101.52
47720	76.65	-11.64	-6.90	-19.00	119.83	-895.35	-1.36	-238.61	-97.54
47721	75.46	-11.58	-6.90	-26.47	122.41	-938.74	-4.20	-273.51	-92.53
47722	74.29	-11.50	-6.90	-34.66	124.58	-977.91	-6.65	-307.98	-86.72
47723	73.13	-11.40	-6.90	-43.45	126.30	-1011.99	-8.52	-341.21	-80.47
47724	71.98	-11.28	-6.90	-52.77	127.56	-1039.98	-9.63	-372.40	-74.25
47725	70.85	-11.15	-6.90	-62.62	128.26	-1060.66	-9.81	-400.75	-68.65
47726	69.73	-10.99	-6.90	-73.14	128.29	-1072.68	-8.91	-425.45	-64.37
47727	68.62	-10.82	-6.90	-84.65	127.48	-1074.51	-6.84	-445.70	-62.14
47728	67.53	-10.63	-6.90	-97.76	125.61	-1064.56	-3.59	-460.85	-62.73
47729	77.82	-13.48	-6.90	-12.20	95.79	-879.01	-1.37	-192.93	-123.35
47730	76.57	-13.42	-6.90	-17.85	99.67	-930.07	-3.49	-225.42	-120.46
47731	75.34	-13.32	-6.90	-23.75	103.40	-977.22	-5.35	-258.18	-116.59
47732	74.12	-13.19	-6.90	-29.77	106.96	-1019.54	-6.81	-290.58	-112.02
47733	72.92	-13.03	-6.90	-35.79	110.26	-1055.93	-7.74	-321.97	-107.12
47734	71.75	-12.83	-6.90	-41.81	113.20	-1085.10	-8.05	-351.71	-102.36
47735	70.59	-12.61	-6.90	-47.98	115.59	-1105.50	-7.66	-379.19	-98.27
47736	69.46	-12.35	-6.90	-54.71	117.19	-1115.46	-6.54	-403.75	-95.43
47737	68.35	-12.06	-6.90	-62.76	117.72	-1113.15	-4.70	-424.64	-94.42
47738	67.26	-11.74	-6.90	-73.27	116.83	-1096.88	-2.20	-440.64	-95.20
47739	77.80	-15.28	-6.90	-6.16	84.29	-915.44	-5.27	-183.25	-163.92
47740	76.50	-15.20	-6.90	-10.07	89.18	-969.86	-5.91	-214.46	-163.53
47741	75.23	-15.07	-6.90	-13.62	93.92	-1019.44	-6.25	-246.07	-162.14
47742	73.98	-14.90	-6.90	-16.73	98.41	-1063.03	-6.31	-277.57	-159.94
47743	72.74	-14.67	-6.90	-19.39	102.49	-1099.29	-6.11	-308.39	-157.21
47744	71.54	-14.40	-6.90	-21.80	105.97	-1126.72	-5.70	-337.99	-154.21
47745	70.36	-14.08	-6.90	-24.40	108.64	-1143.65	-5.17	-365.75	-151.26
47746	69.21	-13.72	-6.90	-27.99	110.23	-1148.32	-4.58	-390.96	-148.64
47747	68.09	-13.31	-6.90	-33.77	110.49	-1139.09	-3.94	-412.70	-146.64
47748	67.00	-12.86	-6.90	-43.34	109.10	-1114.68	-3.19	-429.66	-145.83
47749	77.78	-17.07	-6.90	9.71	76.39	-926.03	-9.61	-176.13	-236.64
47750	76.46	-16.99	-6.90	8.38	81.85	-981.08	-9.31	-208.00	-240.42
47751	75.15	-16.84	-6.90	7.68	86.80	-1030.21	-8.86	-240.55	-242.38
47752	73.86	-16.62	-6.90	7.55	91.10	-1072.17	-8.43	-273.15	-242.50
47753	72.60	-16.34	-6.90	7.79	94.61	-1105.65	-8.20	-305.14	-240.80
47754	71.36	-15.99	-6.90	7.94	97.24	-1129.25	-8.34	-335.77	-237.31
47755	70.16	-15.58	-6.90	7.27	98.89	-1141.56	-8.93	-364.20	-232.10
47756	68.99	-15.11	-6.90	4.72	99.51	-1141.25	-9.95	-389.49	-225.33
47757	67.85	-14.58	-6.90	-1.15	99.07	-1127.23	-11.18	-410.57	-217.31
47758	66.76	-14.00	-6.90	-12.09	97.52	-1098.86	-12.26	-426.15	-208.48
47759	77.77	-18.88	-6.90	37.22	47.39	-854.16	-13.62	-172.44	-328.78
47760	76.43	-18.79	-6.90	38.93	51.91	-904.75	-15.28	-205.93	-337.08
47761	75.09	-18.61	-6.90	40.71	56.15	-950.17	-17.10	-240.19	-341.78
47762	73.77	-18.35	-6.90	42.36	60.11	-989.37	-19.19	-274.37	-342.62
47763	72.48	-18.01	-6.90	43.56	63.75	-1021.28	-21.63	-307.51	-339.49
47764	71.22	-17.59	-6.90	43.77	67.09	-1044.83	-24.38	-338.59	-332.42
47765	69.98	-17.09	-6.90	42.30	70.10	-1058.90	-27.30	-366.52	-321.59
47766	68.79	-16.51	-6.90	38.20	72.77	-1062.47	-30.08	-390.21	-307.36
47767	67.64	-15.87	-6.90	30.30	75.02	-1054.60	-32.19	-408.68	-290.32
47768	66.54	-15.15	-6.90	16.99	76.74	-1034.62	-32.97	-421.31	-271.62
47769	61.65	-9.56	-6.90	-274.78	87.47	-753.52	21.58	-381.88	-158.70
47770	62.26	-10.65	-6.90	-194.74	82.63	-807.98	9.29	-393.80	-173.89
47771	62.93	-11.69	-6.90	-126.84	79.56	-861.78	-5.68	-404.76	-190.30
47772	62.66	-9.48	-6.90	-233.58	100.96	-829.76	18.38	-430.04	-126.76
47773	63.08	-10.42	-6.90	-176.63	95.84	-875.52	10.71	-430.19	-142.07
47774	63.54	-11.34	-6.90	-125.24	91.89	-918.41	1.35	-430.59	-161.52
47775	63.67	-9.40	-6.90	-201.50	112.24	-895.25	15.29	-461.84	-99.23
47776	63.90	-10.21	-6.90	-162.63	106.24	-929.66	10.77	-454.14	-112.71
47777	64.15	-11.00	-6.90	-124.93	101.74	-960.76	5.70	-449.08	-132.03
47778	65.52	-14.37	-6.90	-2.85	77.07	-1004.47	-31.98	-426.69	-249.93
47779	65.80	-13.39	-6.90	-28.33	94.96	-1061.59	-12.49	-434.79	-197.04
47780	66.09	-12.43	-6.90	-56.09	106.52	-1081.88	-2.62	-439.71	-144.51
47781	64.59	-13.54	-6.90	-31.75	77.88	-964.78	-27.20	-425.08	-229.52
47782	64.97	-12.78	-6.90	-51.60	93.46	-1018.04	-10.67	-437.65	-186.46
47783	65.35	-12.03	-6.90	-72.80	104.19	-1044.47	-1.47	-445.91	-143.19
47784	63.71	-12.66	-6.90	-71.57	78.12	-915.06	-18.46	-418.60	-210.48
47785	64.17	-12.13	-6.90	-82.68	91.23	-966.30	-6.29	-435.18	-176.93
47786	64.64	-11.61	-6.90	-95.04	102.53	-999.34	0.92	-446.16	-142.53
47787	66.76	-9.49	-8.30	-335.99	251.79	-994.90	82.90	-459.68	-42.96
47788	65.73	-9.44	-8.30	-373.82	246.09	-975.93	93.23	-453.45	-53.26
47789	64.69	-9.39	-8.30	-416.37	239.68	-945.39	104.18	-437.68	-68.66
47790	66.54	-10.47	-8.30	-306.06	236.82	-1013.27	88.09	-443.03	-64.20
47791	65.64	-10.33	-8.30	-338.83	232.44	-992.21	96.32	-439.22	-72.87
47792	64.75	-10.18	-8.30	-375.73	226.92	-962.01	105.19	-427.72	-84.14
47793	66.34	-11.46	-8.30	-271.67	221.39	-1026.83	90.47	-427.69	-93.21
47794	65.57	-11.21	-8.30	-301.09	219.19	-1004.37	96.93	-426.53	-97.95
47795	64.82	-10.96	-8.30	-335.49	214.22	-975.89	102.83	-417.86	-104.28
47796	77.88	-9.89	-8.30	-70.52	248.97	-778.87	36.93	-202.42	-65.97
47797	76.75	-9.88	-8.30	-87.59	253.11	-819.99	37.27	-236.91	-62.17
47798	75.61	-9.86	-8.30	-106.89	256.44	-858.71	38.16	-271.94	-57.67
47799	74.49	-9.83	-8.30	-128.37	258.91	-894.53	39.76	-306.76	-52.68
47800	73.37	-9.80	-8.30	-151.96	260.55	-926.79	42.26	-340.49	-47.51
47801	72.25	-9.76	-8.30	-177.57	261.33	-954.76	45.82	-372.15	-42.53
47802	71.14	-9.71	-8.30	-205.15	261.24	-977.55	50.60	-400.68	-38.23
47803	70.03	-9.66	-8.30	-234.67	260.25	-994.13	56.71	-424.91	-35.22
47804	68.93	-9.60	-8.30	-266.23	258.30	-1003.32	64.20	-443.63	-34.18
47805	67.83	-9.54	-8.30	-300.14	255.32	-1003.79	73.01	-455.67	-35.69
47806	77.85	-11.68	-8.30	-63.84	224.53	-794.60	39.36	-191.59	-82.10
47807	76.65	-11.64	-8.30	-79.75	229.15	-839.59	40.31	-225.14	-78.70
47808	75.46	-11.58	-8.30	-97.51	233.10	-881.84	41.85	-259.19	-74.63
47809	74.29	-11.50	-8.30	-117.04	236.38	-920.68	44.13	-292.98	-70.12
47810	73.13	-11.40	-8.30	-138.25	238.96	-955.31	47.31	-325.70	-65.50
47811	71.98	-11.28	-8.30	-161.11	240.81	-984.77	51.51	-356.46	-61.17
47812	70.85	-11.15	-8.30	-185.69	241.86	-1007.92	56.79	-384.27	-57.63
47813	69.73	-10.99	-8.30	-212.21	242.01	-1023.48	63.20	-408.04	-55.43
47814	68.62	-10.82	-8.30	-241.12	241.15	-1030.04	70.71	-426.59	-55.07
47815	67.53	-10.63	-8.30	-273.16	239.16	-1026.21	79.26	-438.72	-57.05
47816	77.82	-13.48	-8.30	-53.41	203.72	-817.60	40.21	-181.60	-110.22
47817	76.57	-13.42	-8.30	-67.42	208.79	-866.06	42.05	-214.18	-108.15

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
47818	75.34	-13.32	-8.30	-82.84	213.31	-911.20	44.49	-247.28	-105.32
47819	74.12	-13.19	-8.30	-99.61	217.22	-952.15	47.62	-280.20	-101.94
47820	72.92	-13.03	-8.30	-117.74	220.46	-987.90	51.52	-312.20	-98.31
47821	71.75	-12.83	-8.30	-137.34	222.95	-1017.29	56.21	-342.42	-94.78
47822	70.59	-12.61	-8.30	-158.69	224.57	-1038.98	61.71	-369.91	-91.75
47823	69.46	-12.35	-8.30	-182.35	225.20	-1051.56	67.99	-393.55	-89.64
47824	68.35	-12.06	-8.30	-209.14	224.70	-1053.65	74.99	-412.03	-88.87
47825	67.26	-11.74	-8.30	-240.21	222.98	-1044.11	82.76	-423.55	-89.34
47826	77.80	-15.28	-8.30	-37.63	186.22	-837.72	39.54	-173.83	-156.51
47827	76.50	-15.20	-8.30	-48.99	191.54	-888.48	42.15	-205.95	-156.83
47828	75.23	-15.07	-8.30	-61.42	196.23	-935.02	45.29	-238.68	-155.96
47829	73.98	-14.90	-8.30	-74.95	200.20	-976.35	48.95	-271.32	-154.03
47830	72.74	-14.67	-8.30	-89.75	203.35	-1011.34	53.10	-303.11	-151.18
47831	71.54	-14.40	-8.30	-106.13	205.63	-1038.77	57.71	-333.15	-147.63
47832	70.36	-14.08	-8.30	-124.66	206.96	-1057.35	62.75	-360.41	-143.65
47833	69.21	-13.72	-8.30	-146.16	207.29	-1065.83	68.23	-383.68	-139.59
47834	68.09	-13.31	-8.30	-171.76	206.61	-1063.14	74.24	-401.54	-135.84
47835	67.00	-12.86	-8.30	-202.82	204.74	-1048.65	80.98	-412.27	-133.24
47836	77.78	-17.07	-8.30	-15.23	163.93	-831.09	37.32	-169.45	-222.01
47837	76.46	-16.99	-8.30	-23.40	168.89	-881.74	39.64	-201.73	-225.49
47838	75.15	-16.84	-8.30	-32.62	173.16	-927.59	42.30	-234.67	-226.70
47839	73.86	-16.62	-8.30	-43.08	176.66	-967.64	45.26	-267.46	-225.62
47840	72.60	-16.34	-8.30	-55.08	179.37	-1000.87	48.45	-299.18	-222.28
47841	71.36	-15.99	-8.30	-69.13	181.30	-1026.21	51.89	-328.81	-216.80
47842	70.16	-15.58	-8.30	-85.91	182.48	-1042.64	55.64	-355.20	-209.45
47843	68.99	-15.11	-8.30	-106.37	183.02	-1049.25	59.92	-377.11	-200.67
47844	67.85	-14.58	-8.30	-131.76	183.00	-1045.32	65.04	-393.23	-191.12
47845	66.76	-14.00	-8.30	-163.59	182.49	-1030.48	71.33	-402.13	-181.69
47846	77.77	-18.88	-8.30	13.37	123.96	-768.86	33.41	-169.02	-289.26
47847	76.43	-18.79	-8.30	8.52	127.64	-816.01	33.40	-200.82	-295.49
47848	75.09	-18.61	-8.30	2.16	131.18	-859.31	33.53	-233.15	-298.18
47849	73.77	-18.35	-8.30	-5.99	134.61	-897.91	33.85	-265.10	-297.16
47850	72.48	-18.01	-8.30	-16.31	137.96	-930.98	34.48	-295.65	-292.45
47851	71.22	-17.59	-8.30	-29.29	141.23	-957.65	35.63	-323.68	-284.23
47852	69.98	-17.09	-8.30	-45.58	144.46	-977.05	37.59	-348.03	-272.88
47853	68.79	-16.51	-8.30	-66.04	147.68	-988.36	40.77	-367.55	-259.02
47854	67.64	-15.87	-8.30	-91.77	150.89	-990.78	45.74	-381.15	-243.51
47855	66.54	-15.15	-8.30	-124.39	154.14	-983.71	53.07	-388.06	-227.73
47856	61.65	-9.56	-8.30	-572.41	201.17	-798.68	140.27	-298.21	-150.71
47857	62.26	-10.65	-8.30	-459.48	186.56	-839.87	129.29	-319.98	-161.74
47858	62.93	-11.69	-8.30	-361.77	174.08	-877.94	111.59	-340.05	-171.92
47859	62.66	-9.48	-8.30	-514.53	216.85	-855.18	126.64	-360.22	-117.60
47860	63.08	-10.42	-8.30	-434.08	203.55	-887.24	121.05	-367.25	-130.93
47861	63.54	-11.34	-8.30	-359.72	191.32	-916.06	110.97	-374.17	-146.16
47862	63.67	-9.40	-8.30	-464.45	229.67	-905.01	114.99	-405.51	-91.39
47863	63.90	-10.21	-8.30	-410.07	217.19	-927.32	113.07	-402.24	-104.03
47864	64.15	-11.00	-8.30	-355.70	205.80	-946.64	108.89	-401.60	-120.50
47865	65.52	-14.37	-8.30	-164.54	156.54	-968.29	62.61	-386.88	-210.33
47866	65.80	-13.39	-8.30	-200.13	181.61	-1008.45	78.62	-403.20	-170.95
47867	66.09	-12.43	-8.30	-235.40	202.45	-1027.42	87.22	-414.89	-130.61
47868	64.59	-13.54	-8.30	-215.35	160.50	-944.91	75.96	-378.03	-195.99
47869	64.97	-12.78	-8.30	-243.20	182.94	-981.12	87.56	-398.18	-162.80
47870	65.35	-12.03	-8.30	-269.42	201.55	-1002.44	93.52	-413.40	-129.01
47871	63.71	-12.66	-8.30	-279.43	165.43	-913.36	92.76	-363.06	-184.10
47872	64.17	-12.13	-8.30	-294.96	184.47	-947.51	98.91	-386.91	-156.56
47873	64.64	-11.61	-8.30	-309.07	202.36	-971.81	101.38	-405.06	-128.94
47874	90.13	-9.49	-2.70	39.07	-131.74	-331.85	-1.54	5.68	-142.75
47875	91.17	-9.45	-2.70	38.86	-139.66	-277.17	-0.63	2.32	-137.32
47876	92.20	-9.40	-2.70	42.38	-149.51	-224.31	0.16	-3.79	-132.91
47877	90.34	-10.49	-2.70	38.21	-157.18	-330.30	-4.05	-8.00	-153.75
47878	91.24	-10.34	-2.70	40.04	-162.61	-282.82	-2.74	-9.90	-148.32
47879	92.14	-10.19	-2.70	44.42	-169.91	-236.82	-1.48	-13.91	-143.37
47880	90.53	-11.48	-2.70	38.42	-188.54	-335.32	-7.45	-23.06	-166.21
47881	91.30	-11.24	-2.70	42.27	-190.31	-293.68	-5.27	-22.91	-160.29
47882	92.06	-10.98	-2.70	48.39	-194.30	-253.23	-3.54	-23.82	-155.21
47883	79.02	-9.90	-2.70	154.71	-116.77	-950.24	-64.32	-174.52	-202.40
47884	80.14	-9.88	-2.70	137.88	-114.57	-894.10	-51.91	-139.08	-200.03
47885	81.27	-9.87	-2.70	121.54	-113.06	-834.42	-41.06	-106.81	-196.19
47886	82.40	-9.84	-2.70	105.92	-112.29	-772.20	-31.73	-78.24	-191.14
47887	83.52	-9.81	-2.70	91.28	-112.30	-708.34	-23.87	-53.73	-185.13
47888	84.63	-9.77	-2.70	77.89	-113.12	-643.66	-17.38	-33.47	-178.40
47889	85.75	-9.72	-2.70	66.01	-114.80	-578.90	-12.18	-17.52	-171.20
47890	86.86	-9.67	-2.70	55.90	-117.40	-514.71	-8.12	-5.83	-163.79
47891	87.96	-9.62	-2.70	47.85	-121.02	-451.61	-5.10	1.78	-156.38
47892	89.06	-9.55	-2.70	42.12	-125.71	-390.04	-2.94	5.54	-149.21
47893	79.04	-11.69	-2.70	121.52	-162.36	-950.45	-76.36	-174.64	-223.62
47894	80.22	-11.66	-2.70	108.37	-158.96	-891.42	-62.29	-142.44	-220.51
47895	81.40	-11.60	-2.70	95.64	-155.96	-829.48	-49.98	-113.00	-215.74
47896	82.56	-11.53	-2.70	83.55	-153.46	-765.68	-39.41	-86.87	-209.65
47897	83.72	-11.43	-2.70	72.36	-151.52	-700.84	-30.49	-64.40	-202.52
47898	84.87	-11.32	-2.70	62.32	-150.23	-635.73	-23.10	-45.77	-194.64
47899	86.00	-11.18	-2.70	53.69	-149.68	-571.02	-17.10	-31.01	-186.29
47900	87.13	-11.02	-2.70	46.70	-149.97	-507.26	-12.35	-20.05	-177.73
47901	88.24	-10.85	-2.70	41.62	-151.19	-444.90	-8.66	-12.71	-169.18
47902	89.34	-10.66	-2.70	38.75	-153.48	-384.27	-5.88	-8.70	-160.83
47903	79.07	-13.48	-2.70	84.47	-219.30	-971.36	-89.79	-177.80	-246.05
47904	80.30	-13.43	-2.70	75.63	-214.32	-908.59	-74.52	-149.34	-242.14
47905	81.52	-13.35	-2.70	67.15	-209.42	-843.42	-61.07	-123.03	-236.49
47906	82.72	-13.22	-2.70	59.24	-204.75	-776.87	-49.40	-99.44	-229.49
47907	83.91	-13.07	-2.70	52.11	-200.42	-709.75	-39.44	-78.93	-221.42
47908	85.09	-12.87	-2.70	46.01	-196.55	-642.75	-31.04	-61.70	-212.56
47909	86.25	-12.65	-2.70	41.15	-193.27	-576.49	-24.08	-47.79	-203.21
47910	87.39	-12.39	-2.70	37.78	-190.69	-511.46	-18.39	-37.14	-193.61
47911	88.51	-12.09	-2.70	36.10	-188.96	-448.08	-13.76	-29.62	-183.98
47912	89.60	-11.77	-2.70	36.37	-188.14	-386.63	-10.04	-25.07	-174.36
47913	79.09	-15.28	-2.70	43.28	-295.15	-1017.50	-107.38	-185.49	-275.21
47914	80.36	-15.22	-2.70	39.39	-287.91	-949.70	-91.07	-160.86	-270.06
47915	81.62	-15.10	-2.70	35.90	-280.42	-879.95	-76.47	-137.66	-263.18
47916	82.87	-14.93	-2.70	32.92	-272.86	-809.21	-63.57	-116.49	-254.94

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
47917	84.09	-14.71	-2.70	30.63	-265.37	-738.22	-52.31	-97.73	-245.62
47918	85.30	-14.44	-2.70	29.25	-258.11	-667.66	-42.57	-81.58	-235.46
47919	86.48	-14.12	-2.70	28.97	-251.21	-598.09	-34.24	-68.11	-224.74
47920	87.64	-13.76	-2.70	30.01	-244.85	-529.98	-27.15	-57.29	-213.71
47921	88.76	-13.35	-2.70	32.57	-239.16	-463.69	-21.14	-49.01	-202.57
47922	89.86	-12.89	-2.70	36.85	-234.50	-399.44	-16.05	-43.13	-191.56
47923	79.11	-17.08	-2.70	-10.54	-407.30	-1138.72	-136.05	-204.37	-308.09
47924	80.42	-17.00	-2.70	-7.66	-396.52	-1061.81	-118.52	-183.56	-301.94
47925	81.71	-16.86	-2.70	-4.23	-385.20	-982.81	-102.46	-163.24	-294.20
47926	82.99	-16.64	-2.70	-0.17	-373.43	-902.66	-87.85	-143.95	-285.11
47927	84.25	-16.36	-2.70	4.60	-361.37	-822.15	-74.63	-126.06	-274.84
47928	85.49	-16.02	-2.70	10.20	-349.17	-741.97	-62.73	-109.81	-263.63
47929	86.70	-15.61	-2.70	16.76	-336.99	-662.71	-52.03	-95.28	-251.68
47930	87.87	-15.14	-2.70	24.43	-324.97	-584.83	-42.39	-82.49	-239.20
47931	89.01	-14.61	-2.70	33.30	-313.27	-508.66	-33.66	-71.29	-226.34
47932	90.11	-14.02	-2.70	43.45	-302.04	-434.55	-25.69	-61.74	-213.26
47933	79.12	-18.88	-2.70	-72.62	-631.02	-1258.69	-213.80	-206.77	-436.17
47934	80.46	-18.79	-2.70	-57.57	-615.20	-1170.28	-192.18	-184.30	-421.49
47935	81.79	-18.62	-2.70	-41.44	-597.03	-1078.70	-170.80	-162.08	-405.19
47936	83.11	-18.36	-2.70	-24.62	-576.75	-985.25	-149.87	-140.56	-387.45
47937	84.40	-18.02	-2.70	-7.45	-554.54	-891.01	-129.55	-120.10	-368.36
47938	85.67	-17.60	-2.70	9.82	-530.66	-796.95	-109.98	-101.04	-348.02
47939	86.90	-17.10	-2.70	26.97	-505.35	-703.97	-91.25	-83.64	-326.57
47940	88.09	-16.53	-2.70	43.78	-478.87	-612.90	-73.45	-68.10	-304.17
47941	89.24	-15.88	-2.70	60.10	-451.45	-524.46	-56.64	-54.54	-280.97
47942	90.35	-15.15	-2.70	75.76	-423.58	-439.27	-40.81	-42.90	-257.31
47943	95.25	-9.56	-2.70	110.37	-227.59	-67.65	15.28	-27.86	-118.46
47944	94.64	-10.65	-2.70	113.06	-260.55	-111.76	13.09	-26.84	-137.76
47945	93.97	-11.70	-2.70	114.59	-297.41	-162.06	8.12	-25.02	-159.37
47946	94.23	-9.48	-2.70	71.07	-187.80	-125.57	4.33	-23.52	-128.96
47947	93.81	-10.43	-2.70	73.97	-213.59	-160.87	2.47	-30.05	-143.67
47948	93.35	-11.35	-2.70	76.93	-243.68	-201.62	-0.20	-35.89	-159.32
47949	93.22	-9.41	-2.70	52.33	-164.90	-174.25	1.34	-12.62	-130.11
47950	92.99	-10.22	-2.70	55.16	-185.57	-196.30	-0.22	-20.90	-141.95
47951	92.74	-11.01	-2.70	57.01	-209.73	-222.78	-2.68	-29.65	-154.91
47952	91.37	-14.38	-2.70	89.89	-394.94	-360.29	-26.03	-33.68	-233.94
47953	91.08	-13.41	-2.70	53.35	-290.62	-367.97	-18.56	-53.95	-200.78
47954	90.78	-12.46	-2.70	41.98	-230.88	-345.44	-11.98	-39.39	-182.31
47955	92.31	-13.55	-2.70	100.83	-364.98	-288.27	-13.57	-28.30	-209.52
47956	91.91	-12.80	-2.70	62.80	-278.29	-308.71	-11.94	-47.07	-187.97
47957	91.52	-12.05	-2.70	48.10	-227.33	-301.31	-8.29	-36.25	-174.06
47958	93.19	-12.67	-2.70	109.82	-334.96	-221.38	-2.43	-24.97	-185.33
47959	92.71	-12.14	-2.70	72.62	-266.85	-251.63	-5.79	-41.39	-174.92
47960	92.24	-11.62	-2.70	55.25	-223.52	-258.23	-4.66	-34.30	-164.96
47961	90.12	-9.50	-4.10	32.16	-76.29	-319.74	2.15	8.06	-113.39
47962	91.16	-9.45	-4.10	32.75	-84.95	-268.24	2.45	8.45	-107.45
47963	92.20	-9.40	-4.10	35.77	-94.92	-217.81	2.58	7.09	-101.54
47964	90.31	-10.51	-4.10	33.58	-97.98	-319.05	-1.39	-1.01	-119.52
47965	91.22	-10.36	-4.10	35.66	-103.67	-273.58	-0.78	0.67	-113.53
47966	92.12	-10.20	-4.10	39.09	-110.54	-228.97	-0.26	1.04	-107.24
47967	90.50	-11.51	-4.10	36.69	-122.07	-322.94	-6.69	-9.47	-125.70
47968	91.27	-11.26	-4.10	39.97	-124.15	-282.49	-5.20	-6.17	-119.51
47969	92.04	-10.99	-4.10	44.36	-127.48	-242.69	-4.20	-3.46	-113.66
47970	79.01	-9.90	-4.10	103.20	-44.98	-891.06	-45.11	-183.00	-157.18
47971	80.14	-9.89	-4.10	93.09	-44.58	-838.52	-35.77	-148.42	-156.88
47972	81.26	-9.87	-4.10	83.10	-44.86	-783.23	-27.51	-116.61	-155.20
47973	82.38	-9.85	-4.10	73.39	-45.87	-725.92	-20.35	-88.06	-152.30
47974	83.50	-9.82	-4.10	64.18	-47.64	-667.27	-14.30	-63.13	-148.35
47975	84.62	-9.78	-4.10	55.67	-50.19	-607.94	-9.31	-42.00	-143.56
47976	85.73	-9.74	-4.10	48.11	-53.56	-548.50	-5.33	-24.76	-138.11
47977	86.84	-9.69	-4.10	41.72	-57.80	-489.45	-2.29	-11.34	-132.20
47978	87.95	-9.63	-4.10	36.77	-62.97	-431.21	-0.09	-1.59	-126.00
47979	89.05	-9.56	-4.10	33.49	-69.09	-374.08	1.37	4.78	-119.63
47980	79.03	-11.69	-4.10	79.78	-84.95	-897.99	-54.89	-178.40	-171.38
47981	80.20	-11.67	-4.10	72.17	-83.88	-842.70	-44.65	-147.16	-170.74
47982	81.36	-11.62	-4.10	64.79	-83.13	-785.13	-35.52	-118.27	-168.57
47983	82.52	-11.55	-4.10	57.74	-82.78	-725.97	-27.58	-92.22	-165.01
47984	83.67	-11.46	-4.10	51.20	-82.91	-665.88	-20.82	-69.36	-160.27
47985	84.82	-11.35	-4.10	45.35	-83.59	-605.48	-15.21	-49.85	-154.59
47986	85.96	-11.21	-4.10	40.40	-84.90	-545.30	-10.67	-33.78	-148.18
47987	87.09	-11.06	-4.10	36.54	-86.91	-485.81	-7.11	-21.07	-141.25
47988	88.20	-10.88	-4.10	34.00	-89.70	-427.37	-4.42	-11.53	-133.96
47989	89.31	-10.68	-4.10	33.00	-93.35	-370.23	-2.49	-4.83	-126.45
47990	79.05	-13.49	-4.10	55.09	-130.04	-922.82	-66.42	-175.13	-185.93
47991	80.26	-13.45	-4.10	50.27	-128.23	-863.77	-55.76	-147.53	-184.72
47992	81.47	-13.37	-4.10	45.86	-126.35	-802.79	-46.14	-121.76	-181.93
47993	82.66	-13.26	-4.10	41.91	-124.51	-740.56	-37.66	-98.27	-177.67
47994	83.85	-13.10	-4.10	38.49	-122.83	-677.73	-30.32	-77.40	-172.16
47995	85.03	-12.91	-4.10	35.76	-121.43	-614.90	-24.10	-59.34	-165.63
47996	86.19	-12.69	-4.10	33.85	-120.41	-552.57	-18.92	-44.12	-158.34
47997	87.33	-12.43	-4.10	32.91	-119.88	-491.17	-14.69	-31.69	-150.48
47998	88.46	-12.13	-4.10	33.08	-119.93	-431.01	-11.29	-21.89	-142.22
47999	89.56	-11.80	-4.10	34.41	-120.64	-372.30	-8.55	-14.50	-133.54
48000	79.08	-15.29	-4.10	29.69	-179.69	-974.74	-81.79	-173.86	-201.41
48001	80.33	-15.23	-4.10	27.97	-177.23	-910.39	-71.32	-149.88	-199.41
48002	81.57	-15.12	-4.10	27.00	-174.24	-844.26	-61.65	-127.10	-195.92
48003	82.81	-14.96	-4.10	26.69	-170.89	-777.03	-52.89	-105.93	-190.99
48004	84.03	-14.75	-4.10	27.04	-167.31	-709.38	-45.07	-86.67	-184.82
48005	85.23	-14.48	-4.10	28.09	-163.67	-641.86	-38.17	-69.48	-177.62
48006	86.42	-14.16	-4.10	29.89	-160.11	-574.96	-32.14	-54.43	-169.59
48007	87.58	-13.80	-4.10	32.47	-156.76	-509.07	-26.88	-41.46	-160.93
48008	88.72	-13.38	-4.10	35.82	-153.74	-444.51	-22.28	-30.48	-151.77
48009	89.82	-12.92	-4.10	39.88	-151.29	-381.50	-18.22	-21.40	-142.25
48010	79.10	-17.08	-4.10	7.36	-219.00	-1065.25	-106.79	-170.46	-236.73
48011	80.39	-17.01	-4.10	9.25	-217.54	-992.62	-97.82	-148.53	-232.44
48012	81.67	-16.87	-4.10	12.54	-215.16	-917.54	-88.94	-127.31	-226.98
48013	82.95	-16.66	-4.10	16.89	-211.94	-840.95	-80.25	-107.04	-220.22
48014	84.20	-16.39	-4.10	22.05	-208.03	-763.68	-71.82	-87.99	-212.22
48015	85.44	-16.04	-4.10	27.82	-203.55	-686.44	-63.64	-70.38	-203.10

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
48016	86.65	-15.64	-4.10	33.99	-198.62	-609.89	-55.70	-54.34	-192.94
48017	87.83	-15.17	-4.10	40.34	-193.37	-534.61	-47.97	-40.00	-181.84
48018	88.97	-14.63	-4.10	46.60	-187.90	-461.12	-40.43	-27.43	-169.88
48019	90.08	-14.04	-4.10	52.50	-182.25	-389.98	-33.03	-16.78	-157.13
48020	79.12	-18.88	-4.10	13.50	-234.42	-1057.50	-139.33	-147.58	-376.49
48021	80.45	-18.79	-4.10	16.82	-236.66	-983.45	-132.20	-120.78	-360.22
48022	81.78	-18.62	-4.10	22.15	-237.84	-906.25	-123.99	-95.77	-341.91
48023	83.09	-18.37	-4.10	28.82	-237.77	-827.12	-114.76	-72.89	-321.85
48024	84.38	-18.03	-4.10	36.22	-236.35	-747.15	-104.62	-52.39	-300.35
48025	85.65	-17.61	-4.10	43.80	-233.54	-667.35	-93.71	-34.53	-277.69
48026	86.88	-17.11	-4.10	51.05	-229.29	-588.60	-82.24	-19.45	-254.20
48027	88.08	-16.54	-4.10	57.54	-223.65	-511.76	-70.44	-7.28	-230.20
48028	89.23	-15.88	-4.10	62.90	-216.67	-437.55	-58.57	1.95	-206.01
48029	90.34	-15.16	-4.10	66.82	-208.47	-366.70	-46.93	8.30	-182.11
48030	95.25	-9.56	-4.10	56.97	-140.92	-72.00	1.73	-2.45	-71.15
48031	94.64	-10.65	-4.10	61.47	-153.43	-106.22	-3.09	1.55	-83.89
48032	93.96	-11.70	-4.10	65.29	-166.01	-144.97	-9.48	6.09	-98.81
48033	94.23	-9.48	-4.10	51.29	-124.87	-120.13	2.86	2.19	-85.96
48034	93.81	-10.44	-4.10	55.70	-138.69	-148.67	-1.26	1.06	-95.17
48035	93.34	-11.36	-4.10	60.09	-152.70	-180.36	-6.67	1.15	-105.65
48036	93.22	-9.41	-4.10	42.56	-108.61	-169.00	2.62	4.85	-94.97
48037	92.98	-10.23	-4.10	46.54	-122.43	-188.12	-0.46	0.86	-101.68
48038	92.72	-11.03	-4.10	49.86	-136.94	-209.99	-4.86	-2.54	-109.30
48039	91.36	-14.38	-4.10	68.89	-199.13	-302.10	-35.98	11.57	-159.78
48040	91.05	-13.43	-4.10	57.04	-176.31	-327.25	-26.04	-8.84	-144.73
48041	90.75	-12.48	-4.10	43.69	-149.36	-328.44	-14.79	-14.79	-133.96
48042	92.30	-13.56	-4.10	68.99	-189.02	-244.18	-26.24	11.67	-138.11
48043	91.89	-12.81	-4.10	59.78	-169.95	-272.98	-19.64	-3.41	-132.03
48044	91.50	-12.07	-4.10	47.48	-147.25	-284.85	-11.59	-9.29	-126.09
48045	93.18	-12.67	-4.10	67.94	-178.26	-190.88	-17.63	10.11	-117.99
48046	92.70	-12.15	-4.10	61.18	-163.77	-221.85	-13.60	-0.06	-119.02
48047	92.22	-11.64	-4.10	50.80	-144.96	-242.32	-8.22	-5.21	-116.85
48048	90.12	-9.50	-5.50	21.14	-4.84	-307.89	8.88	11.78	-90.35
48049	91.16	-9.45	-5.50	21.10	-13.67	-259.33	8.57	14.28	-85.11
48050	92.20	-9.40	-5.50	21.73	-23.15	-211.36	8.07	14.90	-79.66
48051	90.31	-10.51	-5.50	23.20	-21.09	-306.29	5.45	7.02	-95.11
48052	91.22	-10.36	-5.50	23.81	-26.89	-262.89	5.47	10.25	-89.93
48053	92.12	-10.20	-5.50	24.34	-33.30	-220.06	5.46	11.84	-84.30
48054	90.50	-11.51	-5.50	26.19	-37.06	-307.25	0.47	3.82	-100.95
48055	91.27	-11.26	-5.50	27.09	-39.85	-268.28	1.41	7.69	-95.50
48056	92.04	-10.99	-5.50	27.91	-43.20	-229.98	1.95	10.45	-90.30
48057	79.01	-9.90	-5.50	49.88	42.31	-837.07	-20.88	-185.09	-120.04
48058	80.14	-9.89	-5.50	46.88	40.79	-787.58	-14.74	-151.27	-121.07
48059	81.26	-9.87	-5.50	43.46	38.58	-736.01	-9.27	-120.00	-120.88
48060	82.38	-9.85	-5.50	39.77	35.68	-682.95	-4.53	-91.71	-119.54
48061	83.50	-9.82	-5.50	35.96	32.07	-628.91	-0.54	-66.71	-117.19
48062	84.62	-9.78	-5.50	32.23	27.75	-574.37	2.71	-45.20	-114.00
48063	85.73	-9.74	-5.50	28.76	22.70	-519.76	5.22	-27.22	-110.11
48064	86.84	-9.69	-5.50	25.75	16.91	-465.43	7.04	-12.73	-105.67
48065	87.95	-9.63	-5.50	23.39	10.38	-411.67	8.21	-1.57	-100.82
48066	89.05	-9.56	-5.50	21.81	3.13	-358.66	8.81	6.53	-95.65
48067	79.03	-11.69	-5.50	37.00	10.13	-848.97	-27.21	-177.20	-131.75
48068	80.20	-11.67	-5.50	35.28	8.98	-796.34	-20.74	-146.22	-132.47
48069	81.36	-11.62	-5.50	33.36	7.50	-742.04	-14.96	-117.50	-131.79
48070	82.52	-11.55	-5.50	31.29	5.65	-686.62	-9.91	-91.43	-129.87
48071	83.67	-11.46	-5.50	29.19	3.39	-630.59	-5.63	-68.30	-126.83
48072	84.82	-11.35	-5.50	27.20	0.67	-574.40	-2.13	-48.28	-122.87
48073	85.96	-11.21	-5.50	25.46	-2.56	-518.44	0.63	-31.41	-118.16
48074	87.09	-11.06	-5.50	24.10	-6.33	-463.03	2.71	-17.61	-112.87
48075	88.20	-10.88	-5.50	23.24	-10.68	-408.41	4.17	-6.72	-107.11
48076	89.31	-10.68	-5.50	22.96	-15.63	-354.72	5.09	1.55	-100.97
48077	79.05	-13.49	-5.50	25.10	-20.52	-877.30	-35.15	-169.86	-146.38
48078	80.26	-13.45	-5.50	24.66	-21.61	-820.60	-28.92	-141.84	-146.37
48079	81.47	-13.37	-5.50	24.30	-22.62	-762.46	-23.27	-115.66	-144.94
48080	82.66	-13.26	-5.50	24.01	-23.63	-703.44	-18.23	-91.72	-142.24
48081	83.85	-13.10	-5.50	23.81	-24.73	-644.05	-13.84	-70.27	-138.39
48082	85.03	-12.91	-5.50	23.76	-26.00	-584.74	-10.11	-51.45	-133.59
48083	86.19	-12.69	-5.50	23.90	-27.51	-525.86	-7.00	-35.29	-128.01
48084	87.33	-12.43	-5.50	24.26	-29.34	-467.72	-4.46	-21.76	-121.81
48085	88.46	-12.13	-5.50	24.82	-31.55	-410.55	-2.40	-10.74	-115.10
48086	89.56	-11.80	-5.50	25.48	-34.21	-354.55	-0.69	-2.16	-107.78
48087	79.08	-15.29	-5.50	16.70	-42.06	-925.10	-45.67	-162.75	-171.27
48088	80.33	-15.23	-5.50	17.33	-43.91	-863.07	-40.53	-137.05	-169.63
48089	81.57	-15.12	-5.50	18.47	-45.34	-799.43	-35.61	-112.83	-166.71
48090	82.81	-14.96	-5.50	19.96	-46.44	-734.84	-30.94	-90.39	-162.59
48091	84.03	-14.75	-5.50	21.71	-47.31	-669.87	-26.57	-69.98	-157.36
48092	85.23	-14.48	-5.50	23.60	-48.03	-605.04	-22.50	-51.74	-151.13
48093	86.42	-14.16	-5.50	25.54	-48.72	-540.77	-18.72	-35.74	-144.05
48094	87.58	-13.80	-5.50	27.40	-49.44	-477.46	-15.19	-22.04	-136.23
48095	88.72	-13.38	-5.50	29.01	-50.26	-415.47	-11.88	-10.65	-127.74
48096	89.82	-12.92	-5.50	30.20	-51.33	-355.19	-8.75	-1.67	-118.70
48097	79.10	-17.08	-5.50	18.74	-45.44	-967.89	-58.68	-153.07	-233.98
48098	80.39	-17.01	-5.50	19.46	-49.59	-900.81	-55.31	-127.24	-227.52
48099	81.67	-16.87	-5.50	21.18	-53.36	-831.32	-51.55	-102.99	-219.72
48100	82.95	-16.66	-5.50	23.56	-56.67	-760.38	-47.37	-80.55	-210.64
48101	84.20	-16.39	-5.50	26.29	-59.48	-688.85	-42.79	-60.16	-200.35
48102	85.44	-16.04	-5.50	29.06	-61.78	-617.50	-37.87	-42.02	-188.98
48103	86.65	-15.64	-5.50	31.58	-63.56	-547.04	-32.68	-26.28	-176.64
48104	87.83	-15.17	-5.50	33.58	-64.83	-478.15	-27.31	-13.08	-163.49
48105	88.97	-14.63	-5.50	34.84	-65.59	-411.47	-21.89	-2.53	-149.69
48106	90.08	-14.04	-5.50	35.16	-65.85	-347.68	-16.53	5.26	-135.44
48107	79.12	-18.88	-5.50	39.94	-59.19	-906.50	-67.12	-139.69	-352.67
48108	80.45	-18.79	-5.50	37.91	-64.12	-842.74	-63.59	-110.37	-336.15
48109	81.78	-18.62	-5.50	36.99	-68.66	-776.44	-59.52	-83.55	-317.18
48110	83.09	-18.37	-5.50	36.86	-72.68	-708.64	-54.85	-59.61	-296.27
48111	84.38	-18.03	-5.50	37.16	-76.03	-640.32	-49.60	-38.79	-273.89
48112	85.65	-17.61	-5.50	37.58	-78.57	-572.36	-43.88	-21.28	-250.48
48113	86.88	-17.11	-5.50	37.85	-80.21	-505.59	-37.82	-7.15	-226.53
48114	88.08	-16.54	-5.50	37.74	-80.91	-440.76	-31.61	3.60	-202.48

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
48115	89.23	-15.88	-5.50	37.11	-80.68	-378.55	-25.45	11.07	-178.78
48116	90.34	-15.16	-5.50	35.90	-79.56	-319.61	-19.53	15.49	-155.94
48117	95.25	-9.56	-5.50	21.39	-57.54	-78.80	3.05	2.10	-57.12
48118	94.64	-10.65	-5.50	24.32	-62.41	-106.52	0.62	6.00	-68.30
48119	93.96	-11.70	-5.50	26.94	-67.14	-137.92	-2.27	10.11	-81.49
48120	94.23	-9.48	-5.50	22.95	-46.41	-120.05	5.70	9.75	-65.95
48121	93.81	-10.44	-5.50	25.84	-52.77	-143.05	2.87	10.28	-74.41
48122	93.34	-11.36	-5.50	28.42	-58.79	-168.32	-0.37	11.42	-84.31
48123	93.22	-9.41	-5.50	23.08	-34.68	-164.75	7.18	13.90	-73.40
48124	92.98	-10.23	-5.50	25.89	-42.31	-180.19	4.61	12.35	-79.30
48125	92.72	-11.03	-5.50	27.89	-49.59	-197.19	1.32	11.11	-86.61
48126	91.36	-14.38	-5.50	34.08	-77.39	-266.28	-14.22	17.12	-135.27
48127	91.05	-13.43	-5.50	34.44	-65.24	-292.44	-11.71	9.98	-122.13
48128	90.75	-12.48	-5.50	30.64	-52.18	-304.82	-6.06	4.22	-110.67
48129	92.30	-13.56	-5.50	31.88	-74.65	-218.78	-9.70	16.22	-115.79
48130	91.89	-12.81	-5.50	32.93	-64.01	-245.70	-7.63	12.14	-109.26
48131	91.50	-12.07	-5.50	30.79	-52.52	-264.04	-3.64	8.36	-102.96
48132	93.18	-12.67	-5.50	29.56	-71.37	-175.23	-5.88	13.99	-98.24
48133	92.70	-12.15	-5.50	30.73	-62.71	-202.30	-4.07	12.23	-96.78
48134	92.22	-11.64	-5.50	29.99	-52.88	-224.96	-1.14	10.51	-93.98
48135	90.12	-9.50	-6.90	8.40	74.74	-295.39	19.91	14.26	-73.33
48136	91.16	-9.45	-6.90	7.81	64.98	-249.92	19.17	17.10	-69.24
48137	92.20	-9.40	-6.90	6.99	54.81	-205.07	18.28	17.53	-64.97
48138	90.31	-10.51	-6.90	10.39	61.61	-291.98	17.85	12.02	-78.61
48139	91.22	-10.36	-6.90	9.91	54.71	-251.20	17.42	14.96	-74.39
48140	92.12	-10.20	-6.90	8.84	47.42	-211.22	16.96	15.74	-69.76
48141	90.50	-11.51	-6.90	12.62	49.28	-289.25	14.95	10.92	-85.62
48142	91.27	-11.26	-6.90	12.06	45.02	-253.06	15.29	13.73	-80.70
48143	92.04	-10.99	-6.90	11.21	40.39	-217.92	15.18	15.06	-76.08
48144	79.01	-9.90	-6.90	-3.83	140.04	-785.83	6.93	-180.73	-91.23
48145	80.14	-9.89	-6.90	0.69	136.50	-739.20	9.94	-148.05	-93.00
48146	81.26	-9.87	-6.90	4.08	132.26	-691.10	12.69	-117.75	-93.74
48147	82.38	-9.85	-6.90	6.47	127.33	-641.94	15.08	-90.23	-93.50
48148	83.50	-9.82	-6.90	7.99	121.73	-592.10	17.06	-65.77	-92.37
48149	84.62	-9.78	-6.90	8.84	115.45	-541.93	18.60	-44.52	-90.46
48150	85.73	-9.74	-6.90	9.17	108.52	-491.69	19.68	-26.54	-87.91
48151	86.84	-9.69	-6.90	9.17	100.94	-441.64	20.32	-11.81	-84.82
48152	87.95	-9.63	-6.90	8.98	92.74	-391.95	20.55	-0.21	-81.30
48153	89.05	-9.56	-6.90	8.70	84.00	-342.75	20.39	8.45	-77.42
48154	79.03	-11.69	-6.90	-6.76	113.65	-799.68	4.66	-171.23	-104.15
48155	80.20	-11.67	-6.90	-2.09	110.29	-749.79	7.52	-140.71	-105.42
48156	81.36	-11.62	-6.90	1.68	106.55	-698.72	10.14	-112.42	-105.56
48157	82.52	-11.55	-6.90	4.64	102.44	-646.90	12.44	-86.71	-104.64
48158	83.67	-11.46	-6.90	6.85	97.91	-594.70	14.36	-63.81	-102.78
48159	84.82	-11.35	-6.90	8.45	92.95	-542.44	15.88	-43.87	-100.09
48160	85.96	-11.21	-6.90	9.53	87.55	-490.38	16.97	-26.94	-96.70
48161	87.09	-11.06	-6.90	10.21	81.69	-438.75	17.68	-12.96	-92.74
48162	88.20	-10.88	-6.90	10.55	75.36	-387.73	18.05	-1.85	-88.28
48163	89.31	-10.68	-6.90	10.61	68.58	-337.45	18.09	6.57	-83.38
48164	79.05	-13.49	-6.90	-7.08	92.03	-826.00	0.88	-162.17	-124.84
48165	80.26	-13.45	-6.90	-2.56	88.41	-772.10	3.12	-133.67	-124.90
48166	81.47	-13.37	-6.90	1.42	84.74	-717.09	5.28	-107.19	-123.82
48167	82.66	-13.26	-6.90	4.80	80.98	-661.43	7.28	-83.04	-121.66
48168	83.85	-13.10	-6.90	7.60	77.08	-605.54	9.07	-61.44	-118.52
48169	85.03	-12.91	-6.90	9.83	72.99	-549.76	10.62	-42.53	-114.52
48170	86.19	-12.69	-6.90	11.51	68.68	-494.40	11.93	-26.35	-109.78
48171	87.33	-12.43	-6.90	12.63	64.12	-439.73	12.99	-12.90	-104.40
48172	88.46	-12.13	-6.90	13.18	59.28	-385.99	13.86	-2.18	-98.46
48173	89.56	-11.80	-6.90	13.09	54.15	-333.47	14.55	5.78	-91.86
48174	79.08	-15.29	-6.90	-2.19	79.50	-858.47	-4.34	-153.70	-162.83
48175	80.33	-15.23	-6.90	1.63	74.94	-800.21	-3.14	-126.32	-160.23
48176	81.57	-15.12	-6.90	5.27	70.45	-740.48	-1.72	-100.88	-156.47
48177	82.81	-14.96	-6.90	8.59	66.05	-679.93	-0.13	-77.64	-151.58
48178	84.03	-14.75	-6.90	11.48	61.72	-619.11	1.59	-56.82	-145.65
48179	85.23	-14.48	-6.90	13.82	57.46	-558.52	3.39	-38.56	-138.80
48180	86.42	-14.16	-6.90	15.53	53.26	-498.61	5.23	-22.97	-131.12
48181	87.58	-13.80	-6.90	16.52	49.09	-439.83	7.06	-10.10	-122.74
48182	88.72	-13.38	-6.90	16.71	44.96	-382.63	8.84	-0.01	-113.76
48183	89.82	-12.92	-6.90	16.08	40.77	-327.49	10.47	7.22	-104.38
48184	79.10	-17.08	-6.90	11.52	70.72	-867.45	-9.56	-145.88	-230.81
48185	80.39	-17.01	-6.90	13.49	65.08	-806.77	-9.04	-117.97	-222.99
48186	81.67	-16.87	-6.90	15.55	59.44	-744.05	-8.06	-92.24	-213.56
48187	82.95	-16.66	-6.90	17.51	53.92	-680.19	-6.60	-68.99	-202.70
48188	84.20	-16.39	-6.90	19.16	48.64	-615.98	-4.70	-48.43	-190.62
48189	85.44	-16.04	-6.90	20.34	43.68	-552.18	-2.43	-30.73	-177.54
48190	86.65	-15.64	-6.90	20.90	39.12	-489.49	0.10	-16.00	-163.69
48191	87.83	-15.17	-6.90	20.75	35.02	-428.54	2.75	-4.28	-149.32
48192	88.97	-14.63	-6.90	19.83	31.39	-369.99	5.36	4.43	-134.70
48193	90.08	-14.04	-6.90	18.19	28.24	-314.43	7.81	10.21	-120.12
48194	79.12	-18.88	-6.90	35.67	42.69	-800.02	-11.92	-140.62	-317.17
48195	80.45	-18.79	-6.90	34.10	38.25	-743.49	-10.15	-111.30	-302.47
48196	81.78	-18.62	-6.90	32.60	34.02	-685.09	-8.20	-84.58	-285.21
48197	83.09	-18.37	-6.90	31.09	30.04	-625.69	-6.05	-60.86	-265.93
48198	84.38	-18.03	-6.90	29.49	26.39	-566.10	-3.73	-40.38	-245.16
48199	85.65	-17.61	-6.90	27.74	23.17	-507.09	-1.29	-23.30	-223.44
48200	86.88	-17.11	-6.90	25.76	20.42	-449.33	1.17	-9.64	-201.28
48201	88.08	-16.54	-6.90	23.52	18.19	-393.48	3.57	0.67	-179.16
48202	89.23	-15.88	-6.90	21.04	16.49	-340.08	5.81	7.80	-157.55
48203	90.34	-15.16	-6.90	18.35	15.29	-289.66	7.81	12.05	-136.91
48204	95.25	-9.56	-6.90	2.68	19.85	-84.27	12.58	2.65	-49.58
48205	94.64	-10.65	-6.90	5.08	17.97	-107.80	12.29	5.77	-59.54
48206	93.96	-11.70	-6.90	7.42	16.32	-134.51	11.86	8.92	-71.22
48207	94.23	-9.48	-6.90	4.51	31.43	-121.51	15.14	10.49	-55.05
48208	93.81	-10.44	-6.90	6.75	27.95	-140.43	14.30	11.23	-62.99
48209	93.34	-11.36	-6.90	8.87	24.72	-161.24	13.37	12.19	-72.20
48210	93.22	-9.41	-6.90	6.12	43.09	-162.03	16.94	15.69	-60.19
48211	92.98	-10.23	-6.90	8.11	38.20	-174.30	15.90	14.89	-66.01
48212	92.72	-11.03	-6.90	9.48	33.60	-187.70	14.59	13.95	-73.24
48213	91.36	-14.38	-6.90	15.49	14.95	-244.11	9.37	13.82	-118.51



Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
48214	91.05	-13.43	-6.90	16.01	26.19	-266.75	9.78	13.19	-107.08
48215	90.75	-12.48	-6.90	14.80	37.42	-281.94	11.79	11.28	-96.24
48216	92.30	-13.56	-6.90	12.68	14.90	-203.54	10.48	13.40	-101.29
48217	91.89	-12.81	-6.90	13.71	24.86	-226.77	11.22	14.06	-94.96
48218	91.50	-12.07	-6.90	13.55	35.03	-245.62	12.86	13.72	-88.71
48219	93.18	-12.67	-6.90	10.04	15.24	-166.34	11.18	11.81	-85.96
48220	92.70	-12.15	-6.90	11.17	23.62	-189.80	12.28	13.19	-83.60
48221	92.22	-11.64	-6.90	11.69	32.53	-211.23	13.86	14.20	-80.23
48222	90.12	-9.50	-8.30	-3.41	157.94	-282.67	34.87	14.68	-59.47
48223	91.16	-9.45	-8.30	-3.84	146.46	-240.67	33.71	16.97	-56.44
48224	92.20	-9.40	-8.30	-4.71	134.68	-199.46	32.43	16.69	-53.32
48225	90.31	-10.51	-8.30	-1.25	145.30	-277.35	34.72	13.58	-65.32
48226	91.22	-10.36	-8.30	-1.83	136.75	-239.92	33.72	15.63	-61.88
48227	92.12	-10.20	-8.30	-3.01	127.92	-203.50	32.67	15.42	-58.14
48228	90.50	-11.51	-8.30	0.92	133.06	-272.00	34.11	12.89	-72.84
48229	91.27	-11.26	-8.30	0.15	127.32	-239.37	33.60	14.59	-68.40
48230	92.04	-10.99	-8.30	-0.79	121.30	-207.91	32.62	14.88	-64.42
48231	79.01	-9.90	-8.30	-55.88	244.16	-736.16	36.92	-169.62	-68.87
48232	80.14	-9.89	-8.30	-43.48	238.61	-692.36	37.13	-138.80	-70.90
48233	81.26	-9.87	-8.30	-33.13	232.29	-647.56	37.43	-110.23	-72.12
48234	82.38	-9.85	-8.30	-24.70	225.22	-602.08	37.70	-84.27	-72.55
48235	83.50	-9.82	-8.30	-18.00	217.44	-556.16	37.87	-61.16	-72.25
48236	84.62	-9.78	-8.30	-12.84	208.97	-510.01	37.88	-41.03	-71.29
48237	85.73	-9.74	-8.30	-9.02	199.85	-463.82	37.70	-23.96	-69.75
48238	86.84	-9.69	-8.30	-6.34	190.13	-417.75	37.29	-9.92	-67.73
48239	87.95	-9.63	-8.30	-4.62	179.83	-371.92	36.67	1.13	-65.29
48240	89.05	-9.56	-8.30	-3.71	169.09	-326.46	35.85	9.33	-62.51
48241	79.03	-11.69	-8.30	-50.17	219.54	-748.29	38.82	-159.91	-84.46
48242	80.20	-11.67	-8.30	-38.60	214.20	-701.38	38.58	-130.54	-85.75
48243	81.36	-11.62	-8.30	-28.84	208.35	-653.68	38.48	-103.42	-86.16
48244	82.52	-11.55	-8.30	-20.80	201.99	-605.52	38.42	-78.84	-85.72
48245	83.67	-11.46	-8.30	-14.37	195.15	-557.14	38.31	-57.00	-84.50
48246	84.82	-11.35	-8.30	-9.39	187.82	-508.79	38.08	-38.03	-82.57
48247	85.96	-11.21	-8.30	-5.73	180.04	-460.64	37.71	-21.98	-80.02
48248	87.09	-11.06	-8.30	-3.23	171.83	-412.89	37.19	-8.83	-76.93
48249	88.20	-10.88	-8.30	-1.75	163.21	-365.69	36.52	1.47	-73.34
48250	89.31	-10.68	-8.30	-1.16	154.23	-319.25	35.65	9.02	-69.30
48251	79.05	-13.49	-8.30	-41.26	198.43	-767.67	38.92	-150.98	-111.09
48252	80.26	-13.45	-8.30	-30.95	193.01	-717.24	38.04	-122.82	-110.71
48253	81.47	-13.37	-8.30	-22.15	187.29	-665.97	37.45	-96.86	-109.38
48254	82.66	-13.26	-8.30	-14.83	181.27	-614.27	37.03	-73.38	-107.14
48255	83.85	-13.10	-8.30	-8.96	174.97	-562.48	36.71	-52.57	-104.05
48256	85.03	-12.91	-8.30	-4.46	168.40	-510.89	36.42	-34.55	-100.19
48257	86.19	-12.69	-8.30	-1.24	161.57	-459.78	36.12	-19.38	-95.66
48258	87.33	-12.43	-8.30	0.77	154.51	-409.42	35.76	-7.05	-90.53
48259	88.46	-12.13	-8.30	1.68	147.25	-360.10	35.32	2.43	-84.88
48260	89.56	-11.80	-8.30	1.58	139.82	-312.14	34.75	9.02	-78.66
48261	79.08	-15.29	-8.30	-27.69	180.62	-784.92	37.54	-143.64	-154.63
48262	80.33	-15.23	-8.30	-19.25	174.93	-731.25	36.09	-115.97	-151.19
48263	81.57	-15.12	-8.30	-12.02	168.98	-676.42	35.09	-90.57	-146.57
48264	82.81	-14.96	-8.30	-6.04	162.87	-621.02	34.44	-67.71	-140.86
48265	84.03	-14.75	-8.30	-1.32	156.64	-565.54	34.10	-47.58	-134.18
48266	85.23	-14.48	-8.30	2.14	150.36	-510.45	33.96	-30.31	-126.65
48267	86.42	-14.16	-8.30	4.37	144.07	-456.19	33.96	-15.95	-118.43
48268	87.58	-13.80	-8.30	5.44	137.82	-403.19	33.98	-4.54	-109.65
48269	88.72	-13.38	-8.30	5.43	131.65	-351.92	33.94	3.97	-100.48
48270	89.82	-12.92	-8.30	4.50	125.47	-302.83	33.71	9.58	-91.18
48271	79.10	-17.08	-8.30	-8.23	158.59	-777.79	35.52	-138.95	-216.21
48272	80.39	-17.01	-8.30	-2.48	153.15	-723.05	34.22	-111.02	-208.23
48273	81.67	-16.87	-8.30	2.23	147.50	-666.83	33.36	-85.54	-198.50
48274	82.95	-16.66	-8.30	5.89	141.77	-609.88	32.92	-62.82	-187.28
48275	84.20	-16.39	-8.30	8.49	136.08	-552.89	32.81	-43.06	-174.86
48276	85.44	-16.04	-8.30	10.03	130.53	-496.51	32.95	-26.40	-161.56
48277	86.65	-15.64	-8.30	10.56	125.21	-441.34	33.22	-12.88	-147.66
48278	87.83	-15.17	-8.30	10.13	120.17	-387.94	33.48	-2.44	-133.48
48279	88.97	-14.63	-8.30	8.88	115.45	-336.85	33.64	5.01	-119.32
48280	90.08	-14.04	-8.30	6.96	111.07	-288.55	33.60	9.67	-105.52
48281	79.12	-18.88	-8.30	16.90	120.22	-719.19	33.60	-138.73	-279.75
48282	80.45	-18.79	-8.30	19.08	116.76	-667.94	33.87	-110.72	-267.25
48283	81.78	-18.62	-8.30	20.23	113.47	-615.48	34.24	-85.20	-252.23
48284	83.09	-18.37	-8.30	20.46	110.32	-562.51	34.66	-62.54	-235.22
48285	84.38	-18.03	-8.30	19.89	107.33	-509.68	35.06	-43.00	-216.76
48286	85.65	-17.61	-8.30	18.61	104.54	-457.60	35.38	-26.69	-197.38
48287	86.88	-17.11	-8.30	16.72	101.98	-406.83	35.55	-13.63	-177.58
48288	88.08	-16.54	-8.30	14.34	99.67	-357.88	35.52	-3.73	-157.83
48289	89.23	-15.88	-8.30	11.60	97.62	-311.20	35.24	3.20	-138.57
48290	90.34	-15.16	-8.30	8.62	95.82	-267.20	34.71	7.47	-120.22
48291	95.25	-9.56	-8.30	-7.78	95.15	-88.23	26.39	1.46	-43.16
48292	94.64	-10.65	-8.30	-5.45	94.16	-108.66	28.06	3.95	-52.01
48293	93.96	-11.70	-8.30	-3.02	93.37	-131.88	29.67	6.39	-62.37
48294	94.23	-9.48	-8.30	-6.68	108.37	-122.90	28.85	8.89	-46.49
48295	93.81	-10.44	-8.30	-4.58	105.72	-138.72	29.86	9.58	-53.77
48296	93.34	-11.36	-8.30	-2.45	103.19	-156.21	30.87	10.30	-62.16
48297	93.22	-9.41	-8.30	-5.49	121.46	-160.08	30.77	14.29	-49.89
48298	92.98	-10.23	-8.30	-3.66	117.31	-169.82	31.33	13.78	-55.46
48299	92.72	-11.03	-8.30	-2.28	113.29	-180.52	31.78	12.88	-62.32
48300	91.36	-14.38	-8.30	5.52	94.75	-227.47	33.83	9.49	-104.00
48301	91.05	-13.43	-8.30	4.62	107.86	-247.24	33.25	11.85	-93.49
48302	90.75	-12.48	-8.30	3.00	120.51	-262.56	33.39	12.29	-83.39
48303	92.30	-13.56	-8.30	2.51	93.81	-192.09	32.64	9.54	-88.82
48304	91.89	-12.81	-8.30	2.29	105.41	-212.68	32.64	12.27	-82.52
48305	91.50	-12.07	-8.30	1.62	116.84	-230.68	33.03	13.73	-76.41
48306	93.18	-12.67	-8.30	-0.29	93.19	-159.63	31.16	8.51	-75.42
48307	92.70	-12.15	-8.30	-0.15	103.02	-180.69	31.77	11.17	-72.43
48308	92.22	-11.64	-8.30	-0.15	113.05	-200.59	32.57	13.42	-68.69
48309	79.07	-1.65	-9.50	-116.64	433.80	-717.21	13.90	-182.36	-41.49
48310	80.30	-1.65	-9.50	-90.10	423.17	-673.71	14.30	-142.73	-42.04
48311	81.53	-1.65	-9.50	-68.82	411.25	-628.48	14.77	-106.48	-42.14
48312	82.76	-1.65	-9.50	-52.25	398.08	-581.98	15.27	-74.11	-41.79

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
48313	84.00	-1.65	-9.50	-39.79	383.71	-534.60	15.76	-45.94	-41.04
48314	85.23	-1.65	-9.50	-30.85	368.22	-486.69	16.22	-22.16	-39.90
48315	86.46	-1.65	-9.50	-24.84	351.67	-438.55	16.61	-2.83	-38.40
48316	87.70	-1.65	-9.50	-21.20	334.17	-390.44	16.93	12.07	-36.60
48317	88.93	-1.65	-9.50	-19.41	315.81	-342.56	17.17	22.65	-34.49
48318	90.16	-1.65	-9.50	-18.99	296.70	-295.13	17.33	29.05	-32.11
48319	91.39	-1.65	-9.50	-19.54	276.93	-248.38	17.39	31.50	-29.45
48320	92.63	-1.65	-9.50	-20.66	256.63	-202.64	17.34	30.21	-26.50
48321	93.86	-1.65	-9.50	-21.95	235.90	-158.43	17.13	25.50	-23.24
48322	95.09	-1.65	-9.50	-22.94	214.88	-116.51	16.70	17.89	-19.67
48323	96.32	-1.65	-9.50	-23.14	193.71	-77.75	15.98	8.27	-15.85
48324	97.56	-1.65	-9.50	-22.18	172.53	-42.93	14.92	-2.01	-11.90
48325	79.07	-0.55	-9.50	-115.09	440.18	-724.69	5.58	-183.10	-42.13
48326	80.30	-0.55	-9.50	-88.35	429.41	-681.07	6.30	-142.85	-42.15
48327	81.54	-0.55	-9.50	-66.97	417.32	-635.69	7.04	-106.05	-41.82
48328	82.78	-0.55	-9.50	-50.39	403.95	-589.00	7.75	-73.17	-41.14
48329	84.01	-0.55	-9.50	-37.99	389.35	-541.44	8.43	-44.56	-40.14
48330	85.25	-0.55	-9.50	-29.16	373.60	-493.34	9.06	-20.40	-38.83
48331	86.49	-0.55	-9.50	-23.29	356.78	-445.04	9.63	-0.77	-37.22
48332	87.72	-0.55	-9.50	-19.82	338.99	-396.77	10.14	14.37	-35.33
48333	88.96	-0.55	-9.50	-18.20	320.33	-348.77	10.60	25.14	-33.17
48334	90.20	-0.55	-9.50	-17.96	300.92	-301.23	11.00	31.70	-30.74
48335	91.43	-0.55	-9.50	-18.68	280.87	-254.37	11.34	34.26	-28.03
48336	92.67	-0.55	-9.50	-19.96	260.29	-208.51	11.61	33.08	-25.03
48337	93.91	-0.55	-9.50	-21.41	239.29	-164.14	11.78	28.46	-21.70
48338	95.14	-0.55	-9.50	-22.56	218.01	-121.97	11.79	20.93	-18.02
48339	96.38	-0.55	-9.50	-22.93	196.57	-82.86	11.57	11.33	-14.03
48340	97.62	-0.55	-9.50	-22.15	175.11	-47.59	11.04	0.99	-9.80
48341	79.07	0.55	-9.50	-112.59	444.51	-732.57	-2.81	-183.02	-42.35
48342	80.30	0.55	-9.50	-85.88	433.71	-688.96	-1.77	-142.47	-41.83
48343	81.54	0.55	-9.50	-64.56	421.56	-643.58	-0.79	-105.36	-41.07
48344	82.78	0.55	-9.50	-48.05	408.11	-596.91	0.12	-72.19	-40.07
48345	84.01	0.55	-9.50	-35.76	393.42	-549.37	0.97	-43.31	-38.82
48346	85.25	0.55	-9.50	-27.06	377.55	-501.32	1.76	-18.88	-37.34
48347	86.49	0.55	-9.50	-21.33	360.60	-453.08	2.50	1.01	-35.62
48348	87.72	0.55	-9.50	-18.00	342.66	-404.90	3.20	16.40	-33.65
48349	88.96	0.55	-9.50	-16.52	323.86	-357.01	3.86	27.41	-31.44
48350	90.20	0.55	-9.50	-16.42	304.31	-309.59	4.51	34.21	-28.97
48351	91.43	0.55	-9.50	-17.27	284.12	-262.84	5.13	37.03	-26.23
48352	92.67	0.55	-9.50	-18.68	263.42	-217.05	5.74	36.11	-23.17
48353	93.91	0.55	-9.50	-20.29	242.33	-172.64	6.30	31.78	-19.78
48354	95.14	0.55	-9.50	-21.63	220.96	-130.28	6.76	24.51	-16.02
48355	96.38	0.55	-9.50	-22.26	199.43	-90.76	7.04	15.11	-11.88
48356	97.62	0.55	-9.50	-21.78	177.86	-54.86	7.04	4.81	-7.40
48357	79.07	1.65	-9.50	-109.16	446.67	-740.84	-11.17	-182.11	-41.92
48358	80.30	1.65	-9.50	-82.70	435.96	-697.35	-9.83	-141.57	-40.88
48359	81.53	1.65	-9.50	-61.60	423.89	-652.14	-8.63	-104.43	-39.69
48360	82.76	1.65	-9.50	-45.27	410.49	-605.68	-7.54	-71.19	-38.37
48361	84.00	1.65	-9.50	-33.14	395.83	-558.38	-6.53	-42.19	-36.89
48362	85.23	1.65	-9.50	-24.57	379.98	-510.60	-5.58	-17.61	-35.24
48363	86.46	1.65	-9.50	-18.97	363.04	-462.66	-4.68	2.49	-33.41
48364	87.70	1.65	-9.50	-15.75	345.12	-414.81	-3.80	18.13	-31.38
48365	88.93	1.65	-9.50	-14.37	326.33	-367.27	-2.93	29.43	-29.11
48366	90.16	1.65	-9.50	-14.36	306.79	-320.20	-2.05	36.57	-26.60
48367	91.39	1.65	-9.50	-15.30	286.63	-273.78	-1.13	39.77	-23.80
48368	92.63	1.65	-9.50	-16.83	265.99	-228.22	-0.19	39.29	-20.70
48369	93.86	1.65	-9.50	-18.58	244.96	-183.90	0.75	35.42	-17.25
48370	95.09	1.65	-9.50	-20.16	223.68	-141.37	1.64	28.60	-13.41
48371	96.32	1.65	-9.50	-21.11	202.23	-101.39	2.40	19.55	-9.15
48372	97.56	1.65	-9.50	-21.05	180.72	-64.70	2.90	9.39	-4.49
48373	79.07	-1.65	-10.50	-157.87	516.94	-687.01	18.16	-163.62	-34.12
48374	80.30	-1.65	-10.50	-123.11	504.47	-645.40	18.45	-128.58	-34.69
48375	81.53	-1.65	-10.50	-94.93	490.67	-602.59	18.88	-96.54	-34.88
48376	82.76	-1.65	-10.50	-72.70	475.60	-558.89	19.38	-67.92	-34.68
48377	84.00	-1.65	-10.50	-55.70	459.30	-514.58	19.92	-43.01	-34.11
48378	85.23	-1.65	-10.50	-43.22	441.87	-469.90	20.45	-21.99	-33.20
48379	86.46	-1.65	-10.50	-34.55	423.40	-425.05	20.95	-4.90	-31.97
48380	87.70	-1.65	-10.50	-28.99	403.99	-380.22	21.39	8.24	-30.45
48381	88.93	-1.65	-10.50	-25.88	383.75	-335.55	21.76	17.53	-28.66
48382	90.16	-1.65	-10.50	-24.60	362.80	-291.19	22.02	23.09	-26.59
48383	91.39	-1.65	-10.50	-24.57	341.27	-247.34	22.16	25.09	-24.27
48384	92.63	-1.65	-10.50	-25.25	319.29	-204.27	22.13	23.78	-21.68
48385	93.86	-1.65	-10.50	-26.12	297.01	-162.39	21.88	19.48	-18.82
48386	95.09	-1.65	-10.50	-26.64	274.55	-122.21	21.36	12.73	-15.71
48387	96.32	-1.65	-10.50	-26.39	252.06	-84.27	20.50	4.34	-12.40
48388	97.56	-1.65	-10.50	-25.10	229.63	-49.01	19.26	-4.52	-9.01
48389	79.07	-0.55	-10.50	-156.16	524.46	-693.89	7.26	-164.30	-36.01
48390	80.30	-0.55	-10.50	-121.11	511.83	-652.17	8.16	-128.73	-36.07
48391	81.54	-0.55	-10.50	-92.77	497.85	-609.22	9.10	-96.21	-35.83
48392	82.78	-0.55	-10.50	-70.47	482.56	-565.37	10.03	-67.15	-35.28
48393	84.01	-0.55	-10.50	-53.50	466.02	-520.90	10.94	-41.86	-34.43
48394	85.25	-0.55	-10.50	-41.11	448.32	-476.07	11.80	-20.51	-33.31
48395	86.49	-0.55	-10.50	-32.58	429.56	-431.08	12.61	-3.15	-31.91
48396	87.72	-0.55	-10.50	-27.19	409.83	-386.12	13.35	10.23	-30.25
48397	88.96	-0.55	-10.50	-24.27	389.26	-341.34	14.01	19.71	-28.33
48398	90.20	-0.55	-10.50	-23.19	367.98	-296.88	14.58	25.42	-26.15
48399	91.43	-0.55	-10.50	-23.37	346.12	-252.93	15.04	27.55	-23.69
48400	92.67	-0.55	-10.50	-24.27	323.82	-209.74	15.37	26.34	-20.95
48401	93.91	-0.55	-10.50	-25.36	301.22	-167.69	15.52	22.14	-17.91
48402	95.14	-0.55	-10.50	-26.11	278.45	-127.28	15.43	15.45	-14.58
48403	96.38	-0.55	-10.50	-26.09	255.64	-89.05	15.03	7.08	-11.01
48404	97.62	-0.55	-10.50	-25.03	232.86	-53.42	14.25	-1.85	-7.25
48405	79.07	0.55	-10.50	-153.04	530.24	-701.11	-3.70	-164.24	-37.63
48406	80.30	0.55	-10.50	-118.02	517.58	-659.40	-2.20	-128.41	-37.16
48407	81.54	0.55	-10.50	-89.74	503.54	-616.46	-0.77	-95.62	-36.47
48408	82.78	0.55	-10.50	-67.52	488.16	-572.63	0.57	-66.32	-35.57
48409	84.01	0.55	-10.50	-50.66	471.51	-528.19	1.83	-40.78	-34.45
48410	85.25	0.55	-10.50	-38.41	453.67	-483.40	3.01	-19.18	-33.11
48411	86.49	0.55	-10.50	-30.04	434.74	-438.48	4.11	-1.58	-31.54

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
48412	87.72	0.55	-10.50	-24.82	414.83	-393.60	5.13	12.03	-29.74
48413	88.96	0.55	-10.50	-22.07	394.07	-348.91	6.08	21.74	-27.69
48414	90.20	0.55	-10.50	-21.18	372.60	-304.56	6.96	27.70	-25.38
48415	91.43	0.55	-10.50	-21.56	350.55	-260.69	7.76	30.08	-22.79
48416	92.67	0.55	-10.50	-22.67	328.06	-217.54	8.45	29.13	-19.90
48417	93.91	0.55	-10.50	-24.00	305.28	-175.45	9.00	25.17	-16.69
48418	95.14	0.55	-10.50	-25.04	282.33	-134.88	9.35	18.71	-13.17
48419	96.38	0.55	-10.50	-25.34	259.33	-96.33	9.41	10.47	-9.35
48420	97.62	0.55	-10.50	-24.61	236.34	-60.25	9.09	1.55	-5.27
48421	79.07	1.65	-10.50	-148.55	534.14	-708.63	-14.63	-163.43	-38.71
48422	80.30	1.65	-10.50	-113.86	521.58	-667.03	-12.56	-127.60	-37.72
48423	81.53	1.65	-10.50	-85.86	507.61	-624.25	-10.67	-94.79	-36.60
48424	82.76	1.65	-10.50	-63.88	492.27	-580.60	-8.94	-65.41	-35.34
48425	84.00	1.65	-10.50	-47.22	475.63	-536.38	-7.35	-39.77	-33.95
48426	85.23	1.65	-10.50	-35.15	457.79	-491.84	-5.87	-18.02	-32.39
48427	86.46	1.65	-10.50	-26.94	438.83	-447.19	-4.49	-0.22	-30.65
48428	87.70	1.65	-10.50	-21.88	418.88	-402.60	-3.19	13.63	-28.70
48429	88.93	1.65	-10.50	-19.29	398.07	-358.21	-1.96	23.63	-26.51
48430	90.16	1.65	-10.50	-18.56	376.54	-314.15	-0.78	29.92	-24.06
48431	91.39	1.65	-10.50	-19.12	354.44	-270.55	0.34	32.67	-21.33
48432	92.63	1.65	-10.50	-20.45	331.91	-227.60	1.40	32.11	-18.28
48433	93.86	1.65	-10.50	-22.04	309.08	-185.57	2.34	28.56	-14.92
48434	95.09	1.65	-10.50	-23.40	286.09	-144.89	3.11	22.46	-11.22
48435	96.32	1.65	-10.50	-24.10	263.03	-106.01	3.62	14.48	-7.19
48436	97.56	1.65	-10.50	-23.81	239.96	-69.39	3.76	5.61	-2.86
48437	59.34	-1.65	-9.50	-1443.88	302.11	-678.82	22.98	-87.48	-31.96
48438	60.58	-1.65	-9.50	-1297.73	363.07	-740.21	29.51	-204.30	-26.00
48439	61.81	-1.65	-9.50	-1167.18	405.07	-798.83	32.70	-305.04	-22.35
48440	63.04	-1.65	-9.50	-1048.85	433.22	-847.88	33.25	-384.90	-20.31
48441	64.27	-1.65	-9.50	-939.63	451.53	-885.27	32.00	-443.25	-19.49
48442	65.51	-1.65	-9.50	-837.22	462.96	-911.38	29.69	-481.22	-19.69
48443	66.74	-1.65	-9.50	-740.34	469.61	-927.44	26.87	-500.60	-20.72
48444	67.97	-1.65	-9.50	-648.75	472.95	-934.60	23.96	-503.51	-22.42
48445	69.20	-1.65	-9.50	-562.78	473.97	-933.73	21.22	-492.34	-24.62
48446	70.44	-1.65	-9.50	-482.99	473.27	-925.52	18.83	-469.70	-27.13
48447	71.67	-1.65	-9.50	-409.85	471.21	-910.58	16.90	-438.19	-29.80
48448	72.90	-1.65	-9.50	-343.69	467.94	-889.57	15.43	-400.28	-32.44
48449	74.14	-1.65	-9.50	-284.62	463.53	-863.17	14.43	-358.19	-34.93
48450	75.37	-1.65	-9.50	-232.61	457.95	-832.08	13.84	-313.86	-37.15
48451	76.60	-1.65	-9.50	-187.48	451.17	-796.97	13.61	-268.91	-39.02
48452	77.83	-1.65	-9.50	-148.95	443.13	-758.48	13.65	-224.71	-40.48
48453	59.28	-0.55	-9.50	-1455.22	299.37	-678.98	3.36	-86.53	-16.89
48454	60.52	-0.55	-9.50	-1309.95	363.15	-741.06	5.39	-204.43	-17.10
48455	61.76	-0.55	-9.50	-1179.54	407.51	-800.57	6.43	-306.31	-18.14
48456	62.99	-0.55	-9.50	-1060.70	437.40	-850.53	6.67	-387.27	-19.68
48457	64.23	-0.55	-9.50	-950.50	456.88	-888.75	6.38	-446.57	-21.55
48458	65.47	-0.55	-9.50	-846.81	469.04	-915.62	5.80	-485.28	-23.64
48459	66.70	-0.55	-9.50	-748.50	476.12	-932.34	5.10	-505.18	-25.87
48460	67.94	-0.55	-9.50	-655.43	479.70	-940.10	4.42	-508.37	-28.18
48461	69.18	-0.55	-9.50	-568.01	480.82	-939.76	3.86	-497.27	-30.50
48462	70.41	-0.55	-9.50	-486.85	480.15	-932.00	3.46	-474.47	-32.76
48463	71.65	-0.55	-9.50	-412.47	478.07	-917.45	3.25	-442.62	-34.89
48464	72.89	-0.55	-9.50	-345.22	474.77	-896.73	3.24	-404.23	-36.83
48465	74.12	-0.55	-9.50	-285.22	470.30	-870.55	3.43	-361.57	-38.52
48466	75.36	-0.55	-9.50	-232.45	464.65	-839.59	3.78	-316.59	-39.92
48467	76.60	-0.55	-9.50	-186.71	457.78	-804.53	4.28	-270.98	-41.01
48468	77.83	-0.55	-9.50	-147.73	449.64	-766.03	4.89	-226.11	-41.74
48469	59.28	0.55	-9.50	-1455.27	302.21	-685.90	-14.76	-89.74	-1.65
48470	60.52	0.55	-9.50	-1309.78	366.13	-748.45	-17.70	-207.77	-8.11
48471	61.76	0.55	-9.50	-1179.12	410.57	-808.28	-19.27	-309.64	-13.83
48472	62.99	0.55	-9.50	-1060.03	440.54	-858.44	-19.68	-390.50	-18.94
48473	64.23	0.55	-9.50	-949.59	460.11	-896.76	-19.23	-449.65	-23.46
48474	65.47	0.55	-9.50	-845.68	472.36	-923.66	-18.19	-488.18	-27.43
48475	66.70	0.55	-9.50	-747.16	479.56	-940.38	-16.81	-507.88	-30.85
48476	67.94	0.55	-9.50	-653.90	483.27	-948.11	-15.25	-510.85	-33.75
48477	69.18	0.55	-9.50	-566.29	484.52	-947.74	-13.63	-499.50	-36.17
48478	70.41	0.55	-9.50	-484.96	483.99	-939.95	-12.03	-476.45	-38.15
48479	71.65	0.55	-9.50	-410.43	482.04	-925.36	-10.48	-444.34	-39.72
48480	72.89	0.55	-9.50	-343.04	478.85	-904.64	-9.02	-405.67	-40.92
48481	74.12	0.55	-9.50	-282.92	474.48	-878.44	-7.63	-362.71	-41.79
48482	75.36	0.55	-9.50	-230.05	468.91	-847.48	-6.32	-317.44	-42.34
48483	76.60	0.55	-9.50	-184.25	462.08	-812.42	-5.09	-271.51	-42.62
48484	77.83	0.55	-9.50	-145.23	453.97	-773.91	-3.92	-226.33	-42.61
48485	59.34	1.65	-9.50	-1444.02	310.61	-699.56	-34.24	-97.07	14.14
48486	60.58	1.65	-9.50	-1297.19	371.96	-762.36	-41.72	-214.28	1.56
48487	61.81	1.65	-9.50	-1165.89	414.21	-821.94	-45.45	-314.99	-8.82
48488	63.04	1.65	-9.50	-1046.81	442.58	-871.59	-46.15	-394.56	-17.48
48489	64.27	1.65	-9.50	-936.89	461.14	-909.29	-44.72	-452.47	-24.67
48490	65.51	1.65	-9.50	-833.81	472.86	-935.51	-41.93	-489.89	-30.50
48491	66.74	1.65	-9.50	-736.32	479.86	-951.55	-38.40	-508.66	-35.11
48492	67.97	1.65	-9.50	-644.15	483.59	-958.63	-34.59	-510.91	-38.60
48493	69.20	1.65	-9.50	-557.64	485.02	-957.66	-30.79	-499.03	-41.12
48494	70.44	1.65	-9.50	-477.34	484.72	-949.34	-27.21	-475.63	-42.82
48495	71.67	1.65	-9.50	-403.74	483.04	-934.33	-23.95	-443.32	-43.84
48496	72.90	1.65	-9.50	-337.16	480.11	-913.26	-21.05	-404.57	-44.31
48497	74.14	1.65	-9.50	-277.74	475.98	-886.83	-18.51	-361.61	-44.36
48498	75.37	1.65	-9.50	-225.45	470.62	-855.72	-16.29	-316.37	-44.08
48499	76.60	1.65	-9.50	-180.12	463.98	-820.61	-14.36	-270.51	-43.55
48500	77.83	1.65	-9.50	-141.48	456.01	-782.11	-12.66	-225.39	-42.82
48501	59.34	-1.65	-10.50	-1675.82	422.80	-773.17	36.73	15.00	-24.34
48502	60.58	-1.65	-10.50	-1534.36	479.55	-827.70	43.37	-119.61	-19.53
48503	61.81	-1.65	-10.50	-1403.98	517.39	-872.61	45.95	-231.51	-16.55
48504	63.04	-1.65	-10.50	-1280.11	541.86	-905.80	45.59	-317.93	-14.88
48505	64.27	-1.65	-10.50	-1160.39	557.04	-927.50	43.35	-379.82	-14.24
48506	65.51	-1.65	-10.50	-1043.93	565.81	-939.02	40.04	-419.69	-14.46
48507	66.74	-1.65	-10.50	-930.84	570.20	-941.87	36.28	-440.50	-15.41
48508	67.97	-1.65	-10.50	-821.85	571.56	-937.40	32.49	-445.14	-16.94
48509	69.20	-1.65	-10.50	-718.02	570.77	-926.60	28.96	-436.44	-18.90
48510	70.44	-1.65	-10.50	-620.44	568.37	-910.25	25.87	-417.07	-21.13

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
48511	71.67	-1.65	-10.50	-530.02	564.65	-888.95	23.30	-389.56	-23.50
48512	72.90	-1.65	-10.50	-447.44	559.74	-863.27	21.28	-356.22	-25.85
48513	74.14	-1.65	-10.50	-373.08	553.67	-833.74	19.81	-319.08	-28.08
48514	75.37	-1.65	-10.50	-307.10	546.40	-800.87	18.83	-279.90	-30.09
48515	76.60	-1.65	-10.50	-249.43	537.89	-765.15	18.28	-240.15	-31.79
48516	77.83	-1.65	-10.50	-199.81	528.08	-727.06	18.08	-201.07	-33.14
48517	59.28	-0.55	-10.50	-1688.24	421.58	-774.55	7.34	16.75	-12.61
48518	60.52	-0.55	-10.50	-1547.93	481.18	-829.80	9.21	-118.96	-13.04
48519	61.76	-0.55	-10.50	-1417.87	521.33	-875.50	9.86	-232.03	-14.14
48520	62.99	-0.55	-10.50	-1293.54	547.48	-909.44	9.66	-319.56	-15.63
48521	64.23	-0.55	-10.50	-1172.80	563.76	-931.79	8.95	-382.39	-17.39
48522	65.47	-0.55	-10.50	-1054.98	573.21	-943.85	8.00	-423.00	-19.33
48523	66.70	-0.55	-10.50	-940.32	577.99	-947.18	6.99	-444.32	-21.38
48524	67.94	-0.55	-10.50	-829.70	579.54	-943.11	6.07	-449.25	-23.48
48525	69.18	-0.55	-10.50	-724.25	578.83	-932.67	5.33	-440.62	-25.57
48526	70.41	-0.55	-10.50	-625.13	576.44	-916.61	4.80	-421.14	-27.59
48527	71.65	-0.55	-10.50	-533.30	572.70	-895.56	4.52	-393.36	-29.50
48528	72.89	-0.55	-10.50	-449.46	567.74	-870.06	4.48	-359.63	-31.22
48529	74.12	-0.55	-10.50	-374.01	561.60	-840.65	4.69	-322.00	-32.73
48530	75.36	-0.55	-10.50	-307.12	554.25	-807.85	5.10	-282.28	-33.99
48531	76.60	-0.55	-10.50	-248.71	545.65	-772.14	5.69	-241.97	-34.97
48532	77.83	-0.55	-10.50	-198.52	535.73	-734.01	6.42	-202.31	-35.64
48533	59.28	0.55	-10.50	-1688.48	425.37	-781.20	-20.45	13.79	-1.06
48534	60.52	0.55	-10.50	-1547.89	485.17	-836.78	-23.92	-122.01	-6.70
48535	61.76	0.55	-10.50	-1417.48	525.48	-882.72	-25.70	-235.07	-11.80
48536	62.99	0.55	-10.50	-1292.81	551.75	-916.79	-26.10	-322.50	-16.42
48537	64.23	0.55	-10.50	-1171.74	568.17	-939.21	-25.49	-385.19	-20.54
48538	65.47	0.55	-10.50	-1053.61	577.77	-951.30	-24.20	-425.63	-24.16
48539	66.70	0.55	-10.50	-938.67	582.70	-954.61	-22.48	-446.75	-27.29
48540	67.94	0.55	-10.50	-827.79	584.42	-950.50	-20.53	-451.47	-29.94
48541	69.18	0.55	-10.50	-722.10	583.89	-940.02	-18.47	-442.61	-32.15
48542	70.41	0.55	-10.50	-622.77	581.67	-923.93	-16.40	-422.90	-33.94
48543	71.65	0.55	-10.50	-530.74	578.07	-902.85	-14.36	-394.87	-35.35
48544	72.89	0.55	-10.50	-446.73	573.25	-877.33	-12.39	-360.88	-36.43
48545	74.12	0.55	-10.50	-371.15	567.22	-847.90	-10.50	-323.00	-37.19
48546	75.36	0.55	-10.50	-304.14	559.96	-815.09	-8.68	-283.02	-37.67
48547	76.60	0.55	-10.50	-245.65	551.40	-779.38	-6.94	-242.44	-37.90
48548	77.83	0.55	-10.50	-195.41	541.51	-741.24	-5.28	-202.51	-37.88
48549	59.34	1.65	-10.50	-1676.50	434.09	-793.04	-49.73	6.20	11.22
48550	60.58	1.65	-10.50	-1534.15	491.45	-848.58	-58.02	-128.74	0.42
48551	61.81	1.65	-10.50	-1402.77	529.70	-894.17	-61.71	-240.59	-8.71
48552	63.04	1.65	-10.50	-1277.88	554.55	-927.79	-61.91	-326.73	-16.46
48553	64.27	1.65	-10.50	-1157.17	570.13	-949.71	-59.73	-388.18	-22.96
48554	65.51	1.65	-10.50	-1039.80	579.35	-961.29	-56.05	-427.54	-28.28
48555	66.74	1.65	-10.50	-925.86	584.22	-964.11	-51.55	-447.76	-32.50
48556	67.97	1.65	-10.50	-816.11	586.09	-959.53	-46.71	-451.77	-35.72
48557	69.20	1.65	-10.50	-711.58	585.82	-948.62	-41.88	-442.39	-38.06
48558	70.44	1.65	-10.50	-613.36	583.91	-932.15	-37.25	-422.32	-39.63
48559	71.67	1.65	-10.50	-522.37	580.65	-910.76	-32.94	-394.08	-40.57
48560	72.90	1.65	-10.50	-439.29	576.13	-885.01	-29.02	-359.98	-41.01
48561	74.14	1.65	-10.50	-364.51	570.38	-855.42	-25.48	-322.06	-41.05
48562	75.37	1.65	-10.50	-298.19	563.36	-822.51	-22.31	-282.09	-40.78
48563	76.60	1.65	-10.50	-240.28	555.01	-786.78	-19.47	-241.56	-40.26
48564	77.83	1.65	-10.50	-190.52	545.29	-748.67	-16.93	-201.67	-39.56
48565	54.93	-1.65	-9.50	-2822.74	-674.97	-2098.80	-337.54	-282.33	242.16
48566	55.78	-1.65	-9.50	-2605.75	-436.86	-1360.93	-151.13	-18.75	-69.42
48567	56.62	-1.65	-9.50	-2201.06	-160.17	-770.81	-40.49	190.97	-92.70
48568	57.46	-1.65	-9.50	-1879.84	46.14	-634.52	-6.34	166.79	-63.26
48569	58.31	-1.65	-9.50	-1631.58	202.04	-627.50	11.73	46.51	-42.85
48570	54.88	-0.55	-9.50	-2404.95	-755.86	-1767.85	-109.67	-722.18	84.97
48571	55.72	-0.55	-9.50	-2439.67	-550.16	-1344.51	-82.92	-110.18	4.26
48572	56.56	-0.55	-9.50	-2173.79	-193.99	-777.76	-24.91	185.36	-29.28
48573	57.40	-0.55	-9.50	-1882.53	36.19	-636.05	-6.22	167.54	-22.93
48574	58.25	-0.55	-9.50	-1640.46	196.36	-627.80	-0.14	48.05	-18.22
48575	54.88	0.55	-9.50	-2405.31	-756.55	-1767.14	123.61	-724.74	-80.47
48576	55.72	0.55	-9.50	-2439.36	-548.33	-1345.07	81.05	-110.75	-4.97
48577	56.56	0.55	-9.50	-2173.41	-192.11	-781.27	18.40	184.15	27.44
48578	57.40	0.55	-9.50	-1882.56	38.45	-641.20	-2.19	165.31	17.56
48579	58.25	0.55	-9.50	-1640.63	198.97	-633.99	-9.94	45.17	6.58
48580	54.93	1.65	-9.50	-2821.85	-679.03	-2099.83	350.98	-295.04	-230.09
48581	55.78	1.65	-9.50	-2604.06	-432.06	-1361.68	148.70	-19.79	68.20
48582	56.62	1.65	-9.50	-2199.65	-154.73	-781.63	34.31	187.48	91.75
48583	57.46	1.65	-9.50	-1880.01	52.86	-650.04	-1.59	160.09	58.63
48584	58.31	1.65	-9.50	-1632.15	209.86	-646.07	-21.54	37.91	31.88
48585	54.93	-1.65	-10.50	-5062.06	-1032.33	-2724.47	-245.99	572.24	74.58
48586	55.78	-1.65	-10.50	-3272.81	-394.28	-974.58	-126.18	509.56	-67.16
48587	56.62	-1.65	-10.50	-2508.18	-64.44	-738.74	-40.11	499.29	-70.60
48588	57.46	-1.65	-10.50	-2119.49	166.68	-676.23	0.51	356.41	-50.22
48589	58.31	-1.65	-10.50	-1859.11	325.61	-712.18	23.65	180.70	-33.00
48590	54.88	-0.55	-10.50	-4888.90	-1216.48	-2451.81	-124.43	313.64	65.58
48591	55.72	-0.55	-10.50	-3181.56	-460.09	-937.52	-62.55	431.40	-6.58
48592	56.56	-0.55	-10.50	-2486.67	-87.49	-743.23	-22.59	489.40	-19.84
48593	57.40	-0.55	-10.50	-2122.47	158.39	-678.47	-4.33	357.45	-17.16
48594	58.25	-0.55	-10.50	-1868.70	321.41	-713.42	3.47	182.85	-13.41
48595	54.88	0.55	-10.50	-4884.53	-1211.25	-2445.60	124.60	310.24	-71.14
48596	55.72	0.55	-10.50	-3178.72	-457.21	-938.40	54.92	429.79	6.44
48597	56.56	0.55	-10.50	-2486.06	-85.32	-746.92	15.03	487.71	21.05
48598	57.40	0.55	-10.50	-2122.71	161.40	-683.72	-4.42	355.15	15.41
48599	58.25	0.55	-10.50	-1869.11	324.89	-719.51	-14.48	180.13	5.99
48600	54.93	1.65	-10.50	-5040.49	-1019.18	-2697.53	239.59	557.13	-80.41
48601	55.78	1.65	-10.50	-3264.37	-388.02	-975.37	118.19	506.90	65.48
48602	56.62	1.65	-10.50	-2506.19	-57.71	-750.60	33.18	494.08	72.82
48603	57.46	1.65	-10.50	-2120.27	175.58	-691.90	-8.83	349.65	48.88
48604	58.31	1.65	-10.50	-1860.33	335.97	-730.44	-34.48	172.63	26.04
48605	98.59	-1.65	-9.50	-19.53	148.84	-9.19	13.30	-12.11	-7.53
48606	99.44	-1.65	-9.50	-15.40	122.79	22.63	11.07	-19.11	-3.17
48607	100.28	-1.65	-9.50	-10.64	97.12	49.17	8.60	-19.88	0.43
48608	101.12	-1.65	-9.50	-5.75	71.78	71.96	6.06	-14.67	3.17
48609	101.97	-1.65	-9.50	-1.48	47.03	94.40	3.35	-5.20	5.06

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
48610	98.65	-0.55	-9.50	-19.69	151.15	-13.32	10.03	-9.28	-4.93
48611	99.50	-0.55	-9.50	-15.69	124.84	19.04	8.41	-16.64	0.29
48612	100.34	-0.55	-9.50	-10.94	98.86	46.12	6.47	-18.00	5.06
48613	101.18	-0.55	-9.50	-5.96	73.31	69.43	4.34	-13.52	9.21
48614	102.02	-0.55	-9.50	-1.65	48.35	92.26	1.99	-4.88	12.66
48615	98.65	0.55	-9.50	-19.67	153.75	-19.70	6.62	-5.67	-2.09
48616	99.50	0.55	-9.50	-15.96	127.20	13.71	5.61	-13.62	3.94
48617	100.34	0.55	-9.50	-11.32	100.91	41.76	4.14	-15.87	9.85
48618	101.18	0.55	-9.50	-6.23	74.99	65.88	2.44	-12.49	15.37
48619	102.02	0.55	-9.50	-1.74	49.79	89.38	0.49	-5.03	20.24
48620	98.59	1.65	-9.50	-19.42	156.56	-28.28	3.06	-1.34	1.18
48621	99.44	1.65	-9.50	-16.16	129.83	6.69	2.63	-10.10	7.91
48622	100.28	1.65	-9.50	-11.76	103.27	36.12	1.65	-13.51	14.84
48623	101.12	1.65	-9.50	-6.66	76.81	61.31	0.26	-11.50	21.64
48624	101.97	1.65	-9.50	-1.80	51.20	85.61	-1.19	-5.52	27.73
48625	98.59	-1.65	-10.50	-22.33	204.50	-12.96	17.45	-13.17	-5.27
48626	99.44	-1.65	-10.50	-18.23	176.63	23.12	14.98	-19.06	-1.51
48627	100.28	-1.65	-10.50	-13.52	148.69	54.84	12.23	-19.11	1.62
48628	101.12	-1.65	-10.50	-8.16	120.45	82.20	9.35	-13.23	3.98
48629	101.97	-1.65	-10.50	-2.46	92.07	107.38	6.18	-4.19	5.64
48630	98.65	-0.55	-10.50	-22.48	207.40	-17.00	12.92	-10.66	-2.96
48631	99.50	-0.55	-10.50	-18.55	179.19	19.44	10.90	-16.86	1.65
48632	100.34	-0.55	-10.50	-13.85	150.85	51.54	8.54	-17.44	5.91
48633	101.18	-0.55	-10.50	-8.41	122.36	79.30	5.99	-12.26	9.58
48634	102.02	-0.55	-10.50	-2.72	93.79	104.76	3.15	-3.99	12.69
48635	98.65	0.55	-10.50	-22.42	210.59	-23.19	8.24	-7.47	-0.48
48636	99.50	0.55	-10.50	-18.78	182.02	14.02	6.67	-14.20	4.95
48637	100.34	0.55	-10.50	-14.20	153.20	46.84	4.59	-15.58	10.29
48638	101.18	0.55	-10.50	-8.60	124.20	75.24	2.40	-11.41	15.28
48639	102.02	0.55	-10.50	-2.75	95.57	101.19	0.02	-4.27	19.62
48640	98.59	1.65	-10.50	-22.10	214.00	-31.42	3.38	-3.66	2.34
48641	99.44	1.65	-10.50	-18.88	185.05	6.93	2.26	-11.10	8.48
48642	100.28	1.65	-10.50	-14.59	155.79	40.82	0.46	-13.51	14.83
48643	101.12	1.65	-10.50	-8.99	125.81	70.03	-1.65	-10.61	21.06
48644	101.97	1.65	-10.50	-2.69	97.31	96.41	-3.20	-4.74	26.37
48645	79.06	2.50	-9.50	-105.99	446.91	-747.52	-17.53	-180.92	-40.99
48646	80.29	2.50	-9.50	-79.87	436.35	-704.20	-15.99	-140.57	-39.56
48647	81.52	2.50	-9.50	-59.02	424.40	-659.22	-14.63	-103.57	-38.07
48648	82.75	2.50	-9.50	-42.89	411.13	-613.03	-13.41	-70.41	-36.51
48649	83.97	2.50	-9.50	-30.89	396.58	-566.04	-12.28	-41.41	-34.86
48650	85.20	2.50	-9.50	-22.44	380.84	-518.61	-11.23	-16.77	-33.09
48651	86.43	2.50	-9.50	-16.92	364.00	-471.04	-10.21	3.46	-31.18
48652	87.66	2.50	-9.50	-13.76	346.18	-423.59	-9.20	19.29	-29.08
48653	88.88	2.50	-9.50	-12.44	327.50	-376.46	-8.16	30.85	-26.77
48654	90.11	2.50	-9.50	-12.47	308.08	-329.79	-7.09	38.31	-24.21
48655	91.34	2.50	-9.50	-13.47	288.05	-283.73	-5.96	41.88	-21.37
48656	92.57	2.50	-9.50	-15.06	267.55	-238.46	-4.76	41.82	-18.21
48657	93.79	2.50	-9.50	-16.93	246.68	-194.26	-3.54	38.42	-14.71
48658	95.02	2.50	-9.50	-18.69	225.57	-151.63	-2.33	32.05	-10.81
48659	96.25	2.50	-9.50	-19.94	204.29	-111.24	-1.25	23.36	-6.49
48660	97.48	2.50	-9.50	-20.25	182.93	-73.86	-0.39	13.36	-1.74
48661	79.06	3.10	-9.50	-103.39	446.22	-752.48	-21.94	-179.75	-39.92
48662	80.28	3.10	-9.50	-77.59	435.80	-709.32	-20.27	-139.66	-38.24
48663	81.51	3.10	-9.50	-56.98	424.00	-664.56	-18.81	-102.86	-36.54
48664	82.73	3.10	-9.50	-41.02	410.86	-618.64	-17.51	-69.84	-34.82
48665	83.95	3.10	-9.50	-29.15	396.45	-571.96	-16.31	-40.92	-33.05
48666	85.17	3.10	-9.50	-20.77	380.85	-524.87	-15.18	-16.28	-31.21
48667	86.39	3.10	-9.50	-15.30	364.15	-477.67	-14.08	4.01	-29.24
48668	87.62	3.10	-9.50	-12.18	346.48	-430.60	-12.97	19.98	-27.10
48669	88.84	3.10	-9.50	-10.87	327.94	-383.85	-11.83	31.75	-24.75
48670	90.06	3.10	-9.50	-10.92	308.67	-337.56	-10.63	39.47	-22.15
48671	91.28	3.10	-9.50	-11.93	288.81	-291.84	-9.35	43.36	-19.27
48672	92.50	3.10	-9.50	-13.56	268.47	-246.82	-7.99	43.67	-16.07
48673	93.73	3.10	-9.50	-15.50	247.79	-202.75	-6.57	40.65	-12.52
48674	94.95	3.10	-9.50	-17.42	226.86	-160.05	-5.17	34.68	-8.59
48675	96.17	3.10	-9.50	-18.89	205.76	-119.35	-3.87	26.30	-4.24
48676	97.39	3.10	-9.50	-19.52	184.56	-81.43	-2.79	16.44	0.54
48677	79.06	2.50	-10.50	-144.30	535.90	-714.63	-23.01	-162.34	-38.99
48678	80.29	2.50	-10.50	-110.04	523.49	-673.19	-20.52	-126.68	-37.62
48679	81.52	2.50	-10.50	-82.38	509.64	-630.62	-18.30	-93.98	-36.18
48680	82.75	2.50	-10.50	-60.67	494.42	-587.22	-16.29	-64.66	-34.66
48681	83.97	2.50	-10.50	-44.21	477.87	-543.28	-14.46	-39.01	-33.06
48682	85.20	2.50	-10.50	-32.31	460.11	-499.04	-12.76	-17.19	-31.34
48683	86.43	2.50	-10.50	-24.23	441.22	-454.72	-11.18	0.73	-29.46
48684	87.66	2.50	-10.50	-19.29	421.34	-410.47	-9.67	14.78	-27.38
48685	88.88	2.50	-10.50	-16.81	400.58	-366.44	-8.23	25.03	-25.08
48686	90.11	2.50	-10.50	-16.19	379.10	-322.73	-6.83	31.63	-22.51
48687	91.34	2.50	-10.50	-16.87	357.04	-279.44	-5.46	34.73	-19.65
48688	92.57	2.50	-10.50	-18.35	334.55	-236.72	-4.13	34.56	-16.48
48689	93.79	2.50	-10.50	-20.15	311.78	-194.81	-2.89	31.41	-12.99
48690	95.02	2.50	-10.50	-21.79	288.84	-154.07	-1.81	25.66	-9.17
48691	96.25	2.50	-10.50	-22.84	265.82	-114.93	-0.98	17.94	-5.02
48692	97.48	2.50	-10.50	-22.94	242.77	-77.84	-0.52	9.16	-0.53
48693	79.06	3.10	-10.50	-140.76	536.35	-719.05	-28.82	-161.26	-38.76
48694	80.28	3.10	-10.50	-106.93	524.09	-677.78	-26.06	-125.82	-37.14
48695	81.51	3.10	-10.50	-79.60	510.39	-635.41	-23.62	-93.29	-35.48
48696	82.73	3.10	-10.50	-58.13	495.30	-592.25	-21.42	-64.09	-33.80
48697	83.95	3.10	-10.50	-41.85	478.88	-548.59	-19.43	-38.50	-32.05
48698	85.17	3.10	-10.50	-30.08	461.23	-504.65	-17.59	-16.67	-30.21
48699	86.39	3.10	-10.50	-22.10	442.46	-460.64	-15.87	1.33	-28.23
48700	87.62	3.10	-10.50	-17.23	422.68	-416.73	-14.23	15.52	-26.07
48701	88.84	3.10	-10.50	-14.81	402.02	-373.03	-12.64	25.98	-23.67
48702	90.06	3.10	-10.50	-14.26	380.64	-329.64	-11.09	32.82	-21.01
48703	91.28	3.10	-10.50	-15.02	358.67	-286.64	-9.55	36.22	-18.05
48704	92.50	3.10	-10.50	-16.61	336.28	-244.15	-8.05	36.38	-14.79
48705	93.73	3.10	-10.50	-18.56	313.60	-202.35	-6.62	33.55	-11.21
48706	94.95	3.10	-10.50	-20.41	290.75	-161.58	-5.33	28.11	-7.31
48707	96.17	3.10	-10.50	-21.72	267.81	-122.24	-4.28	20.61	-3.10
48708	97.39	3.10	-10.50	-22.14	244.81	-84.81	-3.60	11.92	1.44

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
48709	98.51	2.50	-9.50	-19.10	158.79	-36.20	0.18	2.40	4.10
48710	99.36	2.50	-9.50	-16.25	131.90	0.28	0.20	-7.10	11.26
48711	100.20	2.50	-9.50	-12.07	105.14	31.05	-0.37	-11.59	18.85
48712	101.05	2.50	-9.50	-7.08	78.40	57.26	-1.50	-10.76	26.64
48713	101.90	2.50	-9.50	-2.01	51.13	82.19	-2.73	-6.26	33.00
48714	98.43	3.10	-9.50	-18.74	160.45	-42.70	-1.94	5.30	6.46
48715	99.28	3.10	-9.50	-16.21	133.43	-4.90	-1.61	-4.83	13.85
48716	100.13	3.10	-9.50	-12.20	106.46	27.01	-1.87	-10.21	21.82
48717	100.97	3.10	-9.50	-7.26	79.60	54.07	-2.62	-10.27	30.21
48718	101.82	3.10	-9.50	-2.02	50.99	80.00	-3.94	-7.48	37.01
48719	98.51	2.50	-10.50	-21.67	216.63	-38.95	-0.53	-0.37	4.86
48720	99.36	2.50	-10.50	-18.83	187.30	0.62	-1.31	-8.50	11.47
48721	100.20	2.50	-10.50	-14.80	157.61	35.61	-2.78	-11.81	18.52
48722	101.05	2.50	-10.50	-9.50	127.03	65.73	-4.98	-9.94	25.75
48723	101.90	2.50	-10.50	-3.09	96.00	91.72	-5.95	-5.14	30.90
48724	98.43	3.10	-10.50	-21.21	218.52	-45.05	-3.37	2.18	6.95
48725	99.28	3.10	-10.50	-18.63	188.81	-4.32	-3.88	-6.54	13.85
48726	100.13	3.10	-10.50	-14.75	158.62	31.67	-5.13	-10.61	21.31
48727	100.97	3.10	-10.50	-9.70	127.97	62.71	-7.00	-9.43	29.26
48728	101.82	3.10	-10.50	-3.39	93.00	88.24	-8.00	-6.12	34.20
48729	59.42	2.50	-9.50	-1427.78	320.38	-714.25	-51.94	-105.14	27.23
48730	60.65	2.50	-9.50	-1279.35	377.97	-777.04	-62.10	-221.25	9.96
48731	61.88	2.50	-9.50	-1147.54	417.10	-836.07	-66.66	-320.36	-4.00
48732	63.11	2.50	-9.50	-1028.84	443.29	-884.92	-66.95	-398.23	-15.43
48733	64.33	2.50	-9.50	-919.91	460.48	-921.71	-64.34	-454.52	-24.70
48734	65.56	2.50	-9.50	-818.20	471.44	-947.00	-59.96	-490.53	-32.01
48735	66.79	2.50	-9.50	-722.28	478.11	-962.13	-54.66	-508.14	-37.55
48736	68.02	2.50	-9.50	-631.76	481.81	-968.33	-49.07	-509.52	-41.52
48737	69.24	2.50	-9.50	-546.87	483.38	-966.56	-43.61	-497.07	-44.14
48738	70.47	2.50	-9.50	-468.09	483.32	-957.54	-38.54	-473.34	-45.64
48739	71.70	2.50	-9.50	-395.86	481.92	-941.95	-34.02	-440.92	-46.25
48740	72.93	2.50	-9.50	-330.48	479.28	-920.43	-30.07	-402.22	-46.19
48741	74.15	2.50	-9.50	-272.07	475.41	-893.68	-26.68	-359.43	-45.64
48742	75.38	2.50	-9.50	-220.62	470.29	-862.38	-23.80	-314.43	-44.74
48743	76.61	2.50	-9.50	-175.98	463.86	-827.17	-21.37	-268.83	-43.62
48744	77.84	2.50	-9.50	-137.89	456.08	-788.70	-19.30	-223.96	-42.36
48745	59.51	3.10	-9.50	-1409.97	329.09	-727.76	-66.73	-112.48	36.82
48746	60.73	3.10	-9.50	-1260.31	382.65	-790.22	-77.83	-227.48	16.39
48747	61.95	3.10	-9.50	-1128.42	418.80	-848.59	-82.21	-325.00	-0.06
48748	63.17	3.10	-9.50	-1010.47	442.99	-896.57	-81.71	-401.17	-13.42
48749	64.40	3.10	-9.50	-902.80	458.94	-932.44	-77.97	-455.85	-24.15
48750	65.62	3.10	-9.50	-802.65	469.24	-956.79	-72.31	-490.47	-32.49
48751	66.84	3.10	-9.50	-708.44	475.64	-971.00	-65.70	-506.97	-38.69
48752	68.06	3.10	-9.50	-619.66	479.32	-976.33	-58.85	-507.53	-42.99
48753	69.28	3.10	-9.50	-536.47	481.02	-973.76	-52.25	-494.55	-45.68
48754	70.51	3.10	-9.50	-459.26	481.17	-964.04	-46.19	-470.56	-47.06
48755	71.73	3.10	-9.50	-388.44	480.01	-947.85	-40.83	-438.10	-47.40
48756	72.95	3.10	-9.50	-324.29	477.61	-925.88	-36.19	-399.52	-46.99
48757	74.17	3.10	-9.50	-266.92	473.98	-898.81	-32.26	-356.97	-46.04
48758	75.39	3.10	-9.50	-216.34	469.07	-867.31	-28.96	-312.27	-44.74
48759	76.62	3.10	-9.50	-172.39	462.84	-832.02	-26.20	-267.01	-43.22
48760	77.84	3.10	-9.50	-134.86	455.23	-793.55	-23.89	-222.48	-41.60
48761	59.42	2.50	-10.50	-1658.93	443.71	-805.52	-75.36	-2.55	22.14
48762	60.65	2.50	-10.50	-1514.57	497.37	-860.61	-86.25	-136.22	7.12
48763	61.88	2.50	-10.50	-1382.33	532.70	-905.56	-90.45	-246.39	-5.20
48764	63.11	2.50	-10.50	-1257.56	555.59	-938.47	-89.82	-330.80	-15.44
48765	64.33	2.50	-10.50	-1137.70	570.01	-959.68	-86.00	-390.65	-23.82
48766	65.56	2.50	-10.50	-1021.65	578.67	-970.56	-80.23	-428.61	-30.50
48767	66.79	2.50	-10.50	-909.32	583.38	-972.71	-73.48	-447.71	-35.61
48768	68.02	2.50	-10.50	-801.29	585.36	-967.52	-66.39	-450.87	-39.31
48769	69.24	2.50	-10.50	-698.50	585.34	-956.04	-59.43	-440.91	-41.78
48770	70.47	2.50	-10.50	-601.94	583.77	-939.08	-52.89	-420.48	-43.23
48771	71.70	2.50	-10.50	-512.49	580.85	-917.28	-46.90	-392.09	-43.85
48772	72.93	2.50	-10.50	-430.77	576.68	-891.22	-41.54	-357.99	-43.84
48773	74.15	2.50	-10.50	-357.18	571.25	-861.42	-36.81	-320.19	-43.35
48774	75.38	2.50	-10.50	-291.87	564.50	-828.40	-32.65	-280.39	-42.53
48775	76.61	2.50	-10.50	-234.79	556.39	-792.63	-29.01	-240.06	-41.49
48776	77.84	2.50	-10.50	-185.72	546.87	-754.57	-25.82	-200.39	-40.29
48777	59.51	3.10	-10.50	-1639.40	451.88	-816.92	-95.85	-10.92	30.57
48778	60.73	3.10	-10.50	-1493.61	501.55	-871.27	-107.45	-143.11	12.61
48779	61.95	3.10	-10.50	-1361.03	534.13	-915.47	-111.18	-251.58	-1.98
48780	63.17	3.10	-10.50	-1236.82	555.24	-947.60	-109.44	-334.24	-14.01
48781	64.40	3.10	-10.50	-1118.12	568.65	-968.06	-104.14	-392.47	-23.74
48782	65.62	3.10	-10.50	-1003.61	576.84	-978.25	-96.76	-429.08	-31.39
48783	66.84	3.10	-10.50	-893.03	581.44	-979.74	-88.37	-447.09	-37.13
48784	68.06	3.10	-10.50	-786.85	583.53	-973.92	-79.71	-449.45	-41.18
48785	69.28	3.10	-10.50	-685.88	583.76	-961.88	-71.31	-438.95	-43.77
48786	70.51	3.10	-10.50	-591.05	582.48	-944.43	-63.47	-418.23	-45.15
48787	71.73	3.10	-10.50	-503.18	579.88	-922.23	-56.37	-389.74	-45.57
48788	72.95	3.10	-10.50	-422.87	576.02	-895.86	-50.07	-355.70	-45.27
48789	74.17	3.10	-10.50	-350.50	570.86	-865.85	-44.54	-318.06	-44.45
48790	75.39	3.10	-10.50	-286.22	564.36	-832.71	-39.73	-278.51	-43.28
48791	76.62	3.10	-10.50	-230.00	556.47	-796.91	-35.57	-238.45	-41.88
48792	77.84	3.10	-10.50	-181.63	547.15	-758.89	-31.96	-199.05	-40.35
48793	58.39	2.50	-9.50	-1619.70	223.15	-659.02	-33.62	29.94	51.69
48794	58.47	3.10	-9.50	-1605.88	235.91	-670.62	-45.01	22.94	66.03
48795	57.54	2.50	-9.50	-1874.58	68.53	-658.49	-6.30	154.36	91.16
48796	57.62	3.10	-9.50	-1866.22	81.68	-667.03	-12.62	149.57	113.68
48797	56.70	2.50	-9.50	-2213.89	-130.09	-788.69	22.32	188.36	147.73
48798	56.77	3.10	-9.50	-2207.68	-124.83	-793.31	9.93	183.67	188.34
48799	55.85	2.50	-9.50	-2724.03	-330.71	-1335.31	65.67	26.90	207.39
48800	55.93	3.10	-9.50	-2723.71	-324.88	-1321.87	-19.77	16.90	308.95
48801	55.01	2.50	-9.50	-3303.78	-496.47	-2505.00	173.76	193.98	22.99
48802	55.08	3.10	-9.50	-3335.78	-482.98	-2487.14	-218.68	198.85	460.47
48803	58.39	2.50	-10.50	-1847.31	349.01	-741.61	-53.58	164.18	42.15
48804	58.47	3.10	-10.50	-1832.58	361.18	-751.75	-70.52	156.54	54.84
48805	57.54	2.50	-10.50	-2115.45	189.67	-701.29	-17.81	344.40	75.89
48806	57.62	3.10	-10.50	-2108.27	201.53	-710.16	-27.61	340.13	96.08
48807	56.70	2.50	-10.50	-2519.63	-36.91	-752.46	26.62	495.53	122.25

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
48808	56.77	3.10	-10.50	-2520.07	-33.19	-756.44	17.97	492.83	157.81
48809	55.85	2.50	-10.50	-3346.11	-346.13	-1007.03	89.11	568.85	177.80
48810	55.93	3.10	-10.50	-3361.64	-358.85	-1010.81	43.56	564.51	278.25
48811	55.01	2.50	-10.50	-5188.33	-856.09	-2920.56	121.38	762.98	141.40
48812	55.08	3.10	-10.50	-5260.83	-887.25	-2924.06	-24.71	777.70	405.45
48813	79.06	3.95	-9.50	-99.23	444.04	-760.02	-28.02	-177.60	-37.74
48814	80.27	3.95	-9.50	-74.02	433.90	-717.18	-26.19	-138.06	-35.70
48815	81.48	3.95	-9.50	-53.83	422.36	-672.84	-24.62	-101.72	-33.73
48816	82.69	3.95	-9.50	-38.16	409.49	-627.43	-23.21	-69.03	-31.80
48817	83.90	3.95	-9.50	-26.47	395.35	-581.32	-21.93	-40.30	-29.88
48818	85.12	3.95	-9.50	-18.20	380.03	-534.85	-20.70	-15.73	-27.92
48819	86.33	3.96	-9.50	-12.78	363.63	-488.31	-19.49	4.63	-25.87
48820	87.54	3.96	-9.50	-9.67	346.25	-441.92	-18.26	20.80	-23.67
48821	88.75	3.96	-9.50	-8.36	328.03	-395.85	-16.98	32.88	-21.25
48822	89.96	3.96	-9.50	-8.40	309.08	-350.21	-15.61	41.04	-18.58
48823	91.18	3.96	-9.50	-9.40	289.55	-305.08	-14.13	45.46	-15.62
48824	92.39	3.96	-9.50	-11.07	269.56	-260.52	-12.56	46.38	-12.33
48825	93.60	3.96	-9.50	-13.11	249.22	-216.67	-10.91	44.02	-8.71
48826	94.81	3.96	-9.50	-15.23	228.64	-173.88	-9.26	38.68	-4.73
48827	96.02	3.96	-9.50	-17.06	207.88	-132.71	-7.71	30.83	-0.37
48828	97.23	3.96	-9.50	-18.15	186.99	-93.93	-6.35	21.24	4.41
48829	79.05	5.05	-9.50	-93.33	439.44	-770.75	-35.56	-174.28	-33.53
48830	80.24	5.05	-9.50	-69.02	429.70	-728.39	-33.56	-135.69	-31.12
48831	81.44	5.06	-9.50	-49.47	418.59	-684.71	-31.84	-100.12	-28.84
48832	82.63	5.06	-9.50	-34.22	406.16	-640.08	-30.33	-68.01	-26.68
48833	83.83	5.06	-9.50	-22.79	392.48	-594.85	-28.93	-39.66	-24.58
48834	85.03	5.06	-9.50	-14.65	377.64	-549.34	-27.58	-15.24	-22.48
48835	86.22	5.06	-9.50	-9.28	361.75	-503.80	-26.24	5.17	-20.32
48836	87.42	5.07	-9.50	-6.15	344.90	-458.43	-24.86	21.59	-18.03
48837	88.61	5.07	-9.50	-4.80	327.23	-413.38	-23.40	34.13	-15.52
48838	89.81	5.07	-9.50	-4.78	308.85	-368.71	-21.83	42.91	-12.73
48839	91.00	5.07	-9.50	-5.74	289.90	-324.44	-20.13	48.12	-9.63
48840	92.20	5.07	-9.50	-7.43	270.50	-280.53	-18.32	49.93	-6.21
48841	93.39	5.08	-9.50	-9.60	250.75	-237.02	-16.43	48.52	-2.47
48842	94.59	5.08	-9.50	-12.00	230.73	-194.10	-14.55	44.11	1.57
48843	95.78	5.08	-9.50	-14.29	210.50	-152.28	-12.76	37.02	5.91
48844	96.98	5.08	-9.50	-16.01	190.10	-112.30	-11.15	27.85	10.57
48845	79.04	6.15	-9.50	-86.80	432.78	-783.04	-42.61	-170.29	-27.41
48846	80.21	6.15	-9.50	-63.56	423.52	-741.22	-40.47	-132.91	-24.70
48847	81.39	6.16	-9.50	-44.75	412.93	-698.29	-38.63	-98.34	-22.21
48848	82.56	6.16	-9.50	-30.00	401.05	-654.57	-37.00	-66.99	-19.87
48849	83.74	6.16	-9.50	-18.85	387.96	-610.37	-35.50	-39.15	-17.63
48850	84.91	6.16	-9.50	-10.84	373.74	-565.95	-34.03	-15.00	-15.43
48851	86.09	6.16	-9.50	-5.48	358.50	-521.54	-32.56	5.40	-13.17
48852	87.26	6.17	-9.50	-2.31	342.35	-477.32	-31.02	22.08	-10.79
48853	88.44	6.17	-9.50	-0.86	325.41	-433.38	-29.40	35.10	-8.18
48854	89.61	6.17	-9.50	-0.75	307.77	-389.76	-27.65	44.58	-5.27
48855	90.79	6.17	-9.50	-1.65	289.58	-346.40	-25.78	50.67	-2.03
48856	91.96	6.17	-9.50	-3.33	270.93	-303.16	-23.80	53.48	1.55
48857	93.14	6.18	-9.50	-5.61	251.91	-259.98	-21.77	53.11	5.41
48858	94.31	6.18	-9.50	-8.29	232.57	-216.92	-19.76	49.69	9.47
48859	95.49	6.18	-9.50	-11.04	212.97	-174.41	-17.86	43.43	13.70
48860	96.66	6.18	-9.50	-13.41	193.16	-133.20	-16.12	34.76	18.11
48861	79.03	7.25	-9.50	-79.70	424.27	-797.43	-49.14	-165.69	-18.87
48862	80.18	7.25	-9.50	-57.68	415.53	-756.16	-46.84	-129.80	-16.00
48863	81.33	7.25	-9.50	-39.73	405.53	-714.04	-44.88	-96.42	-13.40
48864	82.48	7.25	-9.50	-25.53	394.30	-671.32	-43.15	-65.98	-10.97
48865	83.63	7.25	-9.50	-14.70	381.91	-628.22	-41.53	-38.78	-8.64
48866	84.78	7.26	-9.50	-6.81	368.44	-584.98	-39.95	-14.98	-6.36
48867	85.93	7.26	-9.50	-1.45	354.00	-541.77	-38.34	5.36	-4.04
48868	87.08	7.26	-9.50	1.82	338.69	-498.73	-36.66	22.26	-1.58
48869	88.23	7.26	-9.50	3.39	322.63	-455.92	-34.89	35.79	1.12
48870	89.38	7.26	-9.50	3.63	305.89	-413.32	-33.01	46.02	4.14
48871	90.53	7.26	-9.50	2.82	288.59	-370.82	-31.02	53.06	7.50
48872	91.68	7.26	-9.50	1.15	270.84	-328.20	-28.94	56.97	11.22
48873	92.83	7.26	-9.50	-1.23	252.69	-285.29	-26.87	57.71	15.17
48874	93.98	7.26	-9.50	-4.17	234.15	-242.06	-24.88	55.31	19.20
48875	95.13	7.26	-9.50	-7.37	215.25	-198.87	-23.01	49.89	23.18
48876	96.28	7.26	-9.50	-10.34	196.08	-156.47	-21.26	41.78	27.15
48877	79.06	3.95	-10.50	-135.03	535.96	-725.79	-36.90	-159.27	-37.79
48878	80.27	3.95	-10.50	-101.98	523.98	-684.81	-33.81	-124.29	-35.83
48879	81.48	3.95	-10.50	-75.22	510.56	-642.83	-31.09	-92.14	-33.89
48880	82.69	3.95	-10.50	-54.16	495.72	-600.13	-28.67	-63.21	-31.97
48881	83.90	3.95	-10.50	-38.18	479.56	-556.96	-26.47	-37.77	-30.03
48882	85.12	3.95	-10.50	-26.60	462.16	-513.57	-24.44	-15.98	-28.03
48883	86.33	3.96	-10.50	-18.75	443.64	-470.14	-22.54	2.10	-25.90
48884	87.54	3.96	-10.50	-13.97	424.11	-426.82	-20.72	16.49	-23.60
48885	88.75	3.96	-10.50	-11.63	403.70	-383.72	-18.95	27.26	-21.07
48886	89.96	3.96	-10.50	-11.15	382.55	-340.90	-17.21	34.51	-18.25
48887	91.18	3.96	-10.50	-12.00	360.80	-298.41	-15.46	38.40	-15.14
48888	92.39	3.96	-10.50	-13.73	338.63	-256.31	-13.73	39.09	-11.72
48889	93.60	3.96	-10.50	-15.89	316.16	-214.74	-12.05	36.81	-8.01
48890	94.81	3.96	-10.50	-18.04	293.50	-173.95	-10.50	31.86	-4.02
48891	96.02	3.96	-10.50	-19.76	270.73	-134.33	-9.19	24.74	0.24
48892	97.23	3.96	-10.50	-20.65	247.88	-96.35	-8.22	16.21	4.79
48893	79.05	5.05	-10.50	-126.79	533.76	-735.30	-46.97	-156.19	-35.19
48894	80.24	5.05	-10.50	-94.94	522.24	-694.79	-43.50	-121.99	-32.86
48895	81.44	5.06	-10.50	-69.06	509.25	-653.40	-40.48	-90.49	-30.61
48896	82.63	5.06	-10.50	-48.63	494.85	-611.40	-37.79	-62.04	-28.43
48897	83.83	5.06	-10.50	-33.07	479.13	-569.02	-35.35	-36.90	-26.25
48898	85.03	5.06	-10.50	-21.76	462.18	-526.47	-33.10	-15.22	-24.05
48899	86.22	5.06	-10.50	-14.08	444.11	-483.91	-30.99	2.94	-21.74
48900	87.42	5.07	-10.50	-9.40	425.03	-441.49	-28.95	17.60	-19.25
48901	88.61	5.07	-10.50	-7.12	405.07	-399.27	-26.97	28.80	-16.52
48902	89.81	5.07	-10.50	-6.70	384.37	-357.30	-25.00	36.65	-13.50
48903	91.00	5.07	-10.50	-7.65	363.05	-315.57	-23.02	41.24	-10.15
48904	92.20	5.07	-10.50	-9.55	341.28	-274.08	-21.04	42.70	-6.51
48905	93.39	5.08	-10.50	-11.98	319.19	-232.85	-19.11	41.20	-2.62
48906	94.59	5.08	-10.50	-14.53	296.88	-192.07	-17.29	36.96	1.46

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
48907	95.78	5.08	-10.50	-16.78	274.43	-152.07	-15.70	30.39	5.72
48908	96.98	5.08	-10.50	-18.30	251.84	-113.35	-14.44	22.10	10.19
48909	79.04	6.15	-10.50	-117.57	529.51	-746.05	-56.52	-152.48	-30.66
48910	80.21	6.15	-10.50	-87.15	518.52	-706.06	-52.74	-119.29	-28.06
48911	81.39	6.16	-10.50	-62.32	506.06	-665.37	-49.45	-88.61	-25.58
48912	82.56	6.16	-10.50	-42.63	492.22	-624.18	-46.53	-60.79	-23.19
48913	83.74	6.16	-10.50	-27.55	477.07	-582.71	-43.88	-36.06	-20.83
48914	84.91	6.16	-10.50	-16.53	460.71	-541.12	-41.43	-14.58	-18.45
48915	86.09	6.16	-10.50	-9.00	443.24	-499.55	-39.12	3.61	-15.98
48916	87.26	6.17	-10.50	-4.40	424.78	-458.11	-36.89	18.52	-13.33
48917	88.44	6.17	-10.50	-2.17	405.44	-416.87	-34.72	30.18	-10.42
48918	89.61	6.17	-10.50	-1.79	385.35	-375.83	-32.57	38.67	-7.19
48919	90.79	6.17	-10.50	-2.81	364.63	-334.93	-30.41	44.04	-3.63
48920	91.96	6.17	-10.50	-4.84	343.42	-294.09	-28.25	46.35	0.23
48921	93.14	6.18	-10.50	-7.53	321.86	-253.26	-26.14	45.68	4.28
48922	94.31	6.18	-10.50	-10.47	300.02	-212.53	-24.16	42.20	8.40
48923	95.49	6.18	-10.50	-13.26	277.97	-172.18	-22.39	36.21	12.55
48924	96.66	6.18	-10.50	-15.42	255.74	-132.72	-20.91	28.24	16.79
48925	79.03	7.25	-10.50	-107.52	523.21	-758.48	-65.46	-148.23	-23.58
48926	80.18	7.25	-10.50	-78.72	512.79	-719.00	-61.42	-116.25	-20.87
48927	81.33	7.25	-10.50	-55.08	500.98	-679.06	-57.91	-86.55	-18.28
48928	82.48	7.25	-10.50	-36.22	487.80	-638.77	-54.80	-59.47	-15.77
48929	83.63	7.25	-10.50	-21.68	473.33	-598.27	-51.97	-35.26	-13.29
48930	84.78	7.26	-10.50	-10.97	457.68	-557.70	-49.35	-14.05	-10.78
48931	85.93	7.26	-10.50	-3.60	440.94	-517.17	-46.86	4.12	-8.18
48932	87.08	7.26	-10.50	0.95	423.24	-476.75	-44.47	19.24	-5.40
48933	88.23	7.26	-10.50	3.17	404.68	-436.48	-42.14	31.37	-2.36
48934	89.38	7.26	-10.50	5.53	385.36	-396.34	-39.85	40.53	1.02
48935	90.53	7.26	-10.50	7.46	365.39	-356.25	-37.58	46.73	4.74
48936	91.68	7.26	-10.50	9.30	344.91	-316.07	-35.33	49.96	8.74
48937	92.83	7.26	-10.50	11.20	324.02	-275.67	-33.15	50.18	12.89
48938	93.98	7.26	-10.50	13.10	302.78	-235.03	-31.09	47.46	16.97
48939	95.13	7.26	-10.50	15.00	281.23	-194.40	-29.25	42.06	20.88
48940	96.28	7.26	-10.50	16.90	259.44	-154.28	-27.65	34.45	24.70
48941	98.27	3.96	-9.50	-17.98	163.01	-53.52	-5.15	9.83	10.40
48942	99.12	3.96	-9.50	-15.98	135.86	-13.53	-4.36	-1.33	17.96
48943	99.98	3.96	-9.50	-12.21	108.70	20.29	-4.15	-8.21	26.31
48944	100.83	3.96	-9.50	-7.13	81.38	48.80	-4.37	-9.95	35.22
48945	101.69	3.96	-9.50	-1.38	53.16	76.62	-5.75	-9.48	44.13
48946	98.01	5.08	-9.50	-16.66	166.33	-69.51	-9.57	16.13	16.42
48947	98.87	5.08	-9.50	-15.43	139.06	-26.29	-8.26	3.50	23.95
48948	99.74	5.08	-9.50	-11.97	111.67	10.37	-7.45	-5.58	32.49
48949	100.60	5.07	-9.50	-6.65	84.04	41.23	-7.15	-9.94	42.01
48950	101.47	5.07	-9.50	-0.52	56.21	71.03	-8.37	-11.96	52.71
48951	97.69	6.18	-9.50	-14.91	169.64	-87.77	-14.27	22.75	23.61
48952	98.57	6.18	-9.50	-14.53	142.26	-40.83	-12.54	8.55	30.81
48953	99.44	6.18	-9.50	-11.46	114.65	-0.91	-11.23	-2.99	39.20
48954	100.32	6.18	-9.50	-6.01	86.84	32.66	-10.43	-10.21	49.03
48955	101.20	6.17	-9.50	0.31	59.35	64.23	-11.06	-14.69	60.64
48956	97.31	7.26	-9.50	-12.71	172.84	-108.20	-19.26	29.58	32.09
48957	98.20	7.26	-9.50	-13.24	145.34	-57.11	-17.19	13.77	38.64
48958	99.09	7.26	-9.50	-10.71	117.64	-13.52	-15.40	-0.38	46.56
48959	99.98	7.26	-9.50	-5.38	89.57	22.97	-14.17	-10.74	56.13
48960	100.87	7.26	-9.50	1.20	62.20	56.35	-13.89	-17.65	68.06
48961	98.27	3.96	-10.50	-20.27	221.52	-55.36	-7.64	6.16	10.44
48962	99.12	3.96	-10.50	-18.13	191.42	-12.92	-7.74	-3.49	17.54
48963	99.98	3.96	-10.50	-14.43	160.84	24.62	-8.58	-8.90	25.42
48964	100.83	3.96	-10.50	-9.36	129.37	56.93	-9.81	-9.19	33.87
48965	101.69	3.96	-10.50	-2.28	94.25	83.76	-11.35	-8.26	41.05
48966	98.01	5.08	-10.50	-18.66	225.42	-70.69	-13.45	11.70	15.74
48967	98.87	5.08	-10.50	-17.15	194.93	-25.86	-13.05	0.75	22.86
48968	99.74	5.08	-10.50	-13.64	163.88	13.89	-13.32	-6.65	30.96
48969	100.60	5.07	-10.50	-8.18	131.81	48.10	-14.02	-9.38	40.06
48970	101.47	5.07	-10.50	-0.42	97.81	77.31	-16.03	-10.96	49.53
48971	97.69	6.18	-10.50	-16.54	229.29	-88.20	-19.58	17.52	22.05
48972	98.57	6.18	-10.50	-15.71	198.36	-40.57	-18.72	5.15	28.91
48973	99.44	6.18	-10.50	-12.41	166.79	1.72	-18.53	-4.46	36.93
48974	100.32	6.18	-10.50	-6.55	134.41	38.12	-18.85	-9.86	46.40
48975	101.20	6.17	-10.50	1.45	101.17	69.60	-20.51	-13.79	57.14
48976	97.31	7.26	-10.50	-13.90	233.00	-107.78	-26.05	23.49	29.46
48977	98.20	7.26	-10.50	-13.81	201.60	-57.03	-24.78	9.70	35.79
48978	99.09	7.26	-10.50	-10.87	169.61	-11.86	-24.12	-2.26	43.45
48979	99.98	7.26	-10.50	-4.95	136.73	26.91	-24.09	-10.55	52.72
48980	100.87	7.26	-10.50	3.36	104.14	60.53	-24.93	-16.70	64.14
48981	59.67	3.96	-9.50	-1372.26	342.38	-751.37	-91.91	-125.51	51.07
48982	60.88	3.96	-9.50	-1221.98	388.70	-813.12	-102.26	-238.35	26.36
48983	62.09	3.96	-9.50	-1091.33	419.92	-870.12	-105.00	-332.85	6.46
48984	63.30	3.96	-9.50	-975.72	440.97	-916.44	-102.55	-405.83	-9.60
48985	64.51	3.96	-9.50	-870.99	455.09	-950.58	-96.77	-457.55	-22.36
48986	65.72	3.96	-9.50	-774.10	464.44	-973.22	-89.08	-489.63	-32.16
48987	66.94	3.96	-9.50	-683.27	470.48	-985.75	-80.54	-504.12	-39.28
48988	68.15	3.96	-9.50	-597.85	474.18	-989.49	-71.94	-503.23	-44.05
48989	69.36	3.96	-9.50	-517.85	476.11	-985.44	-63.80	-489.35	-46.86
48990	70.57	3.96	-9.50	-443.59	476.61	-974.43	-56.42	-464.96	-48.07
48991	71.78	3.95	-9.50	-375.40	475.84	-957.17	-49.96	-432.49	-48.07
48992	73.00	3.95	-9.50	-313.52	473.83	-934.37	-44.45	-394.23	-47.19
48993	74.21	3.95	-9.50	-258.08	470.57	-906.70	-39.82	-352.19	-45.73
48994	75.42	3.95	-9.50	-209.09	466.01	-874.83	-35.98	-308.14	-43.91
48995	76.63	3.95	-9.50	-166.44	460.09	-839.37	-32.81	-263.56	-41.90
48996	77.84	3.95	-9.50	-129.92	452.78	-800.92	-30.19	-219.72	-39.81
48997	59.92	5.08	-9.50	-1303.98	358.29	-787.17	-130.64	-145.89	71.26
48998	61.12	5.08	-9.50	-1156.32	394.13	-847.65	-136.27	-255.07	41.26
48999	62.31	5.08	-9.50	-1030.13	418.71	-902.34	-134.73	-344.62	17.08
49000	63.51	5.08	-9.50	-919.77	435.77	-946.07	-128.59	-412.50	-2.36
49001	64.70	5.07	-9.50	-820.60	447.65	-977.60	-119.59	-459.52	-17.71
49002	65.90	5.07	-9.50	-729.37	455.90	-997.65	-109.07	-487.60	-29.36
49003	67.09	5.07	-9.50	-644.16	461.58	-1007.63	-98.05	-498.95	-37.68
49004	68.29	5.07	-9.50	-564.18	465.37	-1008.91	-87.31	-495.82	-43.11
49005	69.48	5.07	-9.50	-489.29	467.66	-1002.59	-77.36	-480.60	-46.11



Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
49006	70.68	5.06	-9.50	-419.68	468.66	-989.57	-68.48	-455.65	-47.21
49007	71.87	5.06	-9.50	-355.61	468.42	-970.66	-60.81	-423.28	-46.87
49008	73.07	5.06	-9.50	-297.29	466.95	-946.56	-54.33	-385.58	-45.54
49009	74.27	5.06	-9.50	-244.86	464.20	-917.98	-48.95	-344.43	-43.55
49010	75.46	5.06	-9.50	-198.36	460.11	-885.53	-44.53	-301.45	-41.19
49011	76.66	5.05	-9.50	-157.72	454.64	-849.82	-40.92	-258.02	-38.64
49012	77.85	5.05	-9.50	-122.80	447.75	-811.39	-37.97	-215.32	-36.06
49013	60.24	6.18	-9.50	-1209.01	367.53	-828.69	-171.55	-170.82	92.46
49014	61.41	6.18	-9.50	-1070.51	393.90	-887.15	-169.10	-274.86	57.86
49015	62.59	6.18	-9.50	-953.28	413.01	-939.01	-161.78	-358.13	30.00
49016	63.76	6.18	-9.50	-851.30	427.02	-979.81	-151.37	-419.72	7.58
49017	64.94	6.17	-9.50	-759.95	437.31	-1008.43	-139.10	-461.06	-10.08
49018	66.11	6.17	-9.50	-676.12	444.88	-1025.60	-125.95	-484.35	-23.43
49019	67.29	6.17	-9.50	-597.97	450.46	-1032.70	-112.77	-491.97	-32.89
49020	68.46	6.17	-9.50	-524.64	454.48	-1031.18	-100.26	-486.25	-38.95
49021	69.64	6.17	-9.50	-455.89	457.18	-1022.25	-88.88	-469.51	-42.21
49022	70.81	6.16	-9.50	-391.82	458.66	-1006.94	-78.87	-444.01	-43.31
49023	71.99	6.16	-9.50	-332.63	458.95	-986.12	-70.30	-411.85	-42.81
49024	73.16	6.16	-9.50	-278.52	457.99	-960.56	-63.11	-374.92	-41.21
49025	74.34	6.16	-9.50	-229.64	455.73	-930.93	-57.18	-334.91	-38.91
49026	75.51	6.16	-9.50	-186.08	452.11	-897.84	-52.34	-293.26	-36.20
49027	76.69	6.15	-9.50	-147.83	447.08	-861.82	-48.41	-251.24	-33.27
49028	77.86	6.15	-9.50	-114.80	440.64	-823.39	-45.21	-209.96	-30.29
49029	60.62	7.26	-9.50	-1090.31	366.35	-873.69	-207.01	-200.17	113.64
49030	61.77	7.26	-9.50	-967.84	386.69	-929.69	-196.00	-297.40	75.88
49031	62.92	7.26	-9.50	-863.91	402.59	-978.57	-183.09	-372.94	45.27
49032	64.07	7.26	-9.50	-773.10	415.07	-1016.41	-169.01	-427.20	20.62
49033	65.22	7.26	-9.50	-691.41	424.66	-1042.13	-154.14	-462.04	1.07
49034	66.37	7.26	-9.50	-616.36	432.03	-1056.35	-138.94	-479.86	-13.73
49035	67.52	7.26	-9.50	-546.41	437.79	-1060.47	-124.21	-483.30	-24.16
49036	68.67	7.26	-9.50	-480.65	442.15	-1056.02	-110.52	-474.74	-30.84
49037	69.82	7.26	-9.50	-418.80	445.26	-1044.38	-98.20	-456.41	-34.45
49038	70.97	7.26	-9.50	-360.92	447.21	-1026.69	-87.47	-430.40	-35.71
49039	72.12	7.26	-9.50	-307.15	447.97	-1003.93	-78.34	-398.59	-35.28
49040	73.27	7.25	-9.50	-257.72	447.47	-976.88	-70.72	-362.63	-33.70
49041	74.42	7.25	-9.50	-212.80	445.65	-946.23	-64.46	-323.97	-31.38
49042	75.57	7.25	-9.50	-172.53	442.44	-912.50	-59.36	-283.85	-28.58
49043	76.72	7.25	-9.50	-136.95	437.80	-876.13	-55.24	-243.38	-25.44
49044	77.87	7.25	-9.50	-106.05	431.72	-837.59	-51.89	-203.67	-22.10
49045	59.67	3.96	-10.50	-1598.18	463.40	-836.86	-129.18	-26.16	43.55
49046	60.88	3.96	-10.50	-1451.47	506.25	-889.75	-139.58	-155.57	21.61
49047	62.09	3.96	-10.50	-1319.74	534.36	-932.35	-141.18	-260.66	3.69
49048	63.30	3.96	-10.50	-1197.58	552.79	-962.97	-136.97	-339.96	-10.87
49049	64.51	3.96	-10.50	-1081.69	564.77	-982.04	-129.13	-395.20	-22.51
49050	65.72	3.96	-10.50	-970.46	572.36	-990.95	-119.25	-429.30	-31.53
49051	66.94	3.96	-10.50	-863.40	576.91	-991.23	-108.48	-445.34	-38.18
49052	68.15	3.96	-10.50	-760.78	579.27	-984.28	-97.64	-446.27	-42.74
49053	69.36	3.96	-10.50	-663.28	579.94	-971.21	-87.29	-434.85	-45.52
49054	70.57	3.96	-10.50	-571.70	579.18	-952.86	-77.75	-413.65	-46.85
49055	71.78	3.95	-10.50	-486.79	577.10	-929.93	-69.19	-385.06	-47.04
49056	73.00	3.95	-10.50	-409.09	573.73	-903.00	-61.65	-351.20	-46.39
49057	74.21	3.95	-10.50	-338.98	569.04	-872.61	-55.11	-313.94	-45.15
49058	75.42	3.95	-10.50	-276.62	562.95	-839.25	-49.47	-274.89	-43.53
49059	76.63	3.95	-10.50	-221.98	555.44	-803.38	-44.63	-235.39	-41.70
49060	77.84	3.95	-10.50	-174.89	546.45	-765.43	-40.48	-196.56	-39.76
49061	59.92	5.08	-10.50	-1523.86	475.50	-867.18	-178.21	-50.82	63.27
49062	61.12	5.08	-10.50	-1379.44	508.80	-917.41	-183.04	-175.31	35.74
49063	62.31	5.08	-10.50	-1251.68	531.11	-957.35	-179.61	-274.64	13.53
49064	63.51	5.08	-10.50	-1134.42	546.32	-985.59	-170.99	-348.45	-4.29
49065	64.70	5.07	-10.50	-1023.99	556.74	-1002.56	-159.30	-398.89	-18.37
49066	65.90	5.07	-10.50	-918.51	563.84	-1009.52	-146.03	-429.05	-29.17
49067	67.09	5.07	-10.50	-817.31	568.53	-1007.98	-132.26	-442.02	-37.04
49068	68.29	5.07	-10.50	-720.49	571.39	-999.32	-118.80	-440.75	-42.34
49069	69.48	5.07	-10.50	-628.53	572.75	-984.68	-106.17	-427.93	-45.47
49070	70.68	5.06	-10.50	-542.10	572.75	-964.97	-94.69	-406.06	-46.84
49071	71.87	5.06	-10.50	-461.84	571.44	-940.91	-84.50	-377.37	-46.86
49072	73.07	5.06	-10.50	-388.25	568.79	-913.13	-75.60	-343.86	-45.90
49073	74.27	5.06	-10.50	-321.69	564.74	-882.16	-67.93	-307.26	-44.27
49074	75.46	5.06	-10.50	-262.31	559.25	-848.47	-61.37	-269.04	-42.22
49075	76.66	5.05	-10.50	-210.16	552.27	-812.50	-55.78	-230.47	-39.94
49076	77.85	5.05	-10.50	-165.08	543.78	-774.65	-51.02	-192.58	-37.57
49077	60.24	6.18	-10.50	-1420.99	479.13	-902.16	-228.27	-82.11	84.43
49078	61.41	6.18	-10.50	-1285.52	504.14	-948.71	-224.10	-199.33	51.77
49079	62.59	6.18	-10.50	-1166.26	522.12	-985.37	-214.12	-291.12	25.80
49080	63.76	6.18	-10.50	-1057.09	535.27	-1010.88	-200.60	-358.07	5.13
49081	64.94	6.17	-10.50	-954.46	544.97	-1025.49	-185.10	-402.69	-11.13
49082	66.11	6.17	-10.50	-856.57	552.12	-1030.32	-168.73	-428.12	-23.56
49083	67.29	6.17	-10.50	-762.78	557.31	-1026.76	-152.40	-437.46	-32.59
49084	68.46	6.17	-10.50	-673.07	560.92	-1016.19	-136.80	-433.62	-38.64
49085	69.64	6.17	-10.50	-587.80	563.11	-999.80	-122.39	-419.21	-42.19
49086	70.81	6.16	-10.50	-507.52	563.96	-978.57	-109.42	-396.60	-43.73
49087	71.99	6.16	-10.50	-432.79	563.46	-953.28	-97.99	-367.87	-43.75
49088	73.16	6.16	-10.50	-364.07	561.57	-924.57	-88.08	-334.85	-42.68
49089	74.34	6.16	-10.50	-301.70	558.22	-892.97	-79.57	-299.09	-40.87
49090	75.51	6.16	-10.50	-245.87	553.35	-858.93	-72.32	-261.91	-38.58
49091	76.69	6.15	-10.50	-196.66	546.95	-822.84	-66.17	-224.48	-36.02
49092	77.86	6.15	-10.50	-153.97	539.00	-785.09	-60.94	-187.74	-33.34
49093	60.62	7.26	-10.50	-1293.03	470.71	-939.65	-271.07	-119.34	105.17
49094	61.77	7.26	-10.50	-1173.29	491.17	-981.85	-257.57	-226.94	68.98
49095	62.92	7.26	-10.50	-1066.86	507.16	-1014.98	-241.35	-309.42	40.28
49096	64.07	7.26	-10.50	-968.65	519.90	-1037.69	-223.65	-368.37	17.57
49097	65.22	7.26	-10.50	-875.72	529.85	-1049.96	-205.16	-406.37	-0.40
49098	66.37	7.26	-10.50	-786.89	537.63	-1052.67	-186.41	-426.42	-14.20
49099	67.52	7.26	-10.50	-701.73	543.73	-1047.09	-168.25	-431.71	-24.22
49100	68.67	7.26	-10.50	-620.13	548.27	-1034.62	-151.22	-425.03	-30.97
49101	69.82	7.26	-10.50	-542.40	551.39	-1016.51	-135.63	-408.91	-34.96
49102	70.97	7.26	-10.50	-469.03	553.14	-993.81	-121.70	-385.57	-36.79
49103	72.12	7.26	-10.50	-400.47	553.49	-967.35	-109.49	-356.90	-36.98
49104	73.27	7.25	-10.50	-337.19	552.37	-937.80	-98.93	-324.49	-36.02

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
49105	74.42	7.25	-10.50	-279.51	549.73	-905.67	-89.89	-289.73	-34.27
49106	75.57	7.25	-10.50	-227.66	545.49	-871.35	-82.21	-253.75	-31.99
49107	76.72	7.25	-10.50	-181.75	539.63	-835.11	-75.70	-217.57	-29.34
49108	77.87	7.25	-10.50	-141.76	532.17	-797.32	-70.16	-182.13	-26.46
49109	55.21	3.96	-9.50	-2909.31	-651.75	-2048.48	-424.08	-289.21	724.69
49110	56.07	3.96	-9.50	-2614.32	-405.95	-1322.67	-92.42	-29.33	431.20
49111	56.92	3.96	-9.50	-2179.45	-119.14	-796.61	2.42	176.41	235.17
49112	57.78	3.96	-9.50	-1844.80	107.94	-684.34	-26.36	142.60	144.91
49113	58.63	3.96	-9.50	-1574.40	258.89	-691.93	-67.95	10.77	87.09
49114	55.43	5.07	-9.50	-2565.95	-744.45	-1711.64	-202.50	-698.50	591.51
49115	56.30	5.07	-9.50	-2484.53	-498.28	-1303.17	-22.05	-79.64	487.13
49116	57.16	5.08	-9.50	-2147.32	-88.71	-812.50	9.17	182.88	283.11
49117	58.03	5.08	-9.50	-1801.97	159.45	-710.57	-58.80	134.90	183.83
49118	58.89	5.08	-9.50	-1511.37	292.22	-725.79	-110.29	-8.04	115.17
49119	55.70	6.17	-9.50	-2662.93	-777.41	-1703.52	23.22	-647.96	442.04
49120	56.58	6.18	-9.50	-2524.89	-456.55	-1316.06	113.31	-8.84	471.69
49121	57.46	6.18	-9.50	-2123.82	10.45	-829.06	-17.37	212.54	329.75
49122	58.33	6.18	-9.50	-1719.67	225.53	-741.40	-125.01	127.67	223.19
49123	59.21	6.18	-9.50	-1412.35	320.26	-766.21	-164.05	-31.58	143.81
49124	56.03	7.26	-9.50	-3201.93	-774.42	-1998.43	236.37	-110.39	288.84
49125	56.92	7.26	-9.50	-2656.64	-244.35	-1326.94	72.24	174.29	534.41
49126	57.81	7.26	-9.50	-2019.83	155.39	-836.17	-147.68	248.85	384.51
49127	58.70	7.26	-9.50	-1570.41	272.91	-777.53	-213.68	114.64	262.54
49128	59.59	7.26	-9.50	-1275.07	332.86	-810.82	-217.06	-61.86	171.97
49129	55.21	3.96	-10.50	-5164.46	-1071.50	-2635.05	-136.51	591.11	688.92
49130	56.07	3.96	-10.50	-3286.49	-413.91	-969.31	24.61	509.24	374.31
49131	56.92	3.96	-10.50	-2496.83	-25.62	-768.00	8.06	486.27	202.50
49132	57.78	3.96	-10.50	-2084.53	228.46	-726.80	-49.22	331.01	124.79
49133	58.63	3.96	-10.50	-1797.71	382.58	-771.55	-102.27	141.89	75.14
49134	55.43	5.07	-10.50	-5012.97	-1270.06	-2329.02	20.09	387.10	675.34
49135	56.30	5.07	-10.50	-3200.71	-458.02	-930.33	97.83	472.58	414.28
49136	57.16	5.08	-10.50	-2456.85	16.70	-790.02	-1.72	484.68	246.89
49137	58.03	5.08	-10.50	-2031.33	279.11	-755.88	-96.98	316.51	164.03
49138	58.89	5.08	-10.50	-1727.47	411.71	-803.44	-156.29	116.94	103.39
49139	55.70	6.17	-10.50	-5089.33	-1289.26	-2360.00	272.29	481.21	535.13
49140	56.58	6.18	-10.50	-3211.78	-373.93	-954.66	162.86	538.46	420.97
49141	57.46	6.18	-10.50	-2399.57	124.07	-821.96	-62.29	498.17	294.72
49142	58.33	6.18	-10.50	-1930.25	337.86	-793.09	-178.68	295.01	208.21
49143	59.21	6.18	-10.50	-1618.72	432.56	-841.79	-220.59	83.25	133.61
49144	56.03	7.26	-10.50	-5357.58	-1104.50	-2628.30	293.27	865.60	516.77
49145	56.92	7.26	-10.50	-3187.07	-126.30	-1009.67	22.66	671.37	491.58
49146	57.81	7.26	-10.50	-2234.78	256.69	-858.80	-222.14	501.77	362.75
49147	58.70	7.26	-10.50	-1760.24	371.93	-837.02	-277.28	258.27	253.96
49148	59.59	7.26	-10.50	-1470.40	436.45	-883.93	-282.17	39.61	162.72
49149	95.95	8.10	-9.50	-7.64	198.23	-176.18	-25.40	47.28	35.45
49150	95.68	8.70	-9.50	-5.49	199.72	-191.53	-28.48	51.10	42.22
49151	94.82	8.10	-9.50	-4.21	216.93	-219.44	-27.03	54.94	32.00
49152	94.56	8.70	-9.50	-1.72	218.08	-235.31	-29.90	58.53	39.21
49153	93.69	8.10	-9.50	-0.67	235.19	-263.13	-28.77	59.70	28.29
49154	93.45	8.70	-9.50	2.02	235.78	-279.33	-31.57	62.74	35.73
49155	92.56	8.10	-9.50	2.45	253.05	-306.50	-30.69	61.32	24.34
49156	92.34	8.70	-9.50	5.23	253.18	-322.80	-33.39	63.93	31.87
49157	91.43	8.10	-9.50	4.89	270.47	-349.25	-32.70	59.64	20.33
49158	91.23	8.70	-9.50	7.67	270.03	-365.48	-35.29	61.39	27.74
49159	90.30	8.10	-9.50	6.54	287.43	-391.45	-34.80	54.81	16.56
49160	90.12	8.70	-9.50	9.31	286.40	-407.44	-37.38	55.88	24.06
49161	89.18	8.10	-9.50	7.25	303.95	-433.34	-36.83	47.01	13.14
49162	89.01	8.70	-9.50	9.97	302.39	-448.95	-39.39	47.60	20.59
49163	88.05	8.10	-9.50	6.89	319.89	-475.18	-38.78	36.16	10.04
49164	87.90	8.70	-9.50	9.49	317.71	-490.31	-41.38	36.24	17.39
49165	86.92	8.10	-9.50	5.18	335.18	-517.14	-40.64	22.23	7.29
49166	86.79	8.70	-9.50	7.66	332.42	-531.68	-43.28	22.03	14.63
49167	85.79	8.10	-9.50	1.82	349.74	-559.25	-42.42	5.17	4.79
49168	85.67	8.70	-9.50	4.21	346.43	-573.13	-45.10	4.87	12.09
49169	84.66	8.10	-9.50	-3.57	363.48	-601.50	-44.11	-15.09	2.42
49170	84.56	8.70	-9.50	-1.20	359.64	-614.69	-46.84	-15.31	9.69
49171	83.53	8.10	-9.50	-11.36	376.29	-643.79	-45.78	-38.57	0.09
49172	83.45	8.70	-9.50	-8.92	371.95	-656.27	-48.56	-38.53	7.33
49173	82.40	8.10	-9.50	-21.94	388.07	-685.98	-47.48	-65.22	-2.27
49174	82.34	8.70	-9.50	-19.31	383.26	-697.77	-50.31	-64.74	4.95
49175	81.27	8.10	-9.50	-35.67	398.72	-727.88	-49.29	-94.87	-4.73
49176	81.23	8.70	-9.50	-32.68	393.49	-739.04	-52.18	-93.79	2.50
49177	80.14	8.10	-9.50	-52.89	408.20	-769.29	-51.35	-127.27	-7.28
49178	80.12	8.70	-9.50	-49.36	402.55	-779.90	-54.28	-125.46	-0.04
49179	79.01	8.10	-9.50	-73.90	416.54	-810.14	-53.80	-161.81	-10.14
49180	79.01	8.70	-9.50	-69.53	410.53	-820.32	-56.90	-159.16	-2.46
49181	95.95	8.10	-10.50	-8.94	262.15	-172.53	-33.13	39.33	31.97
49182	95.68	8.70	-10.50	-6.47	263.99	-186.74	-37.19	42.73	37.92
49183	94.82	8.10	-10.50	-5.69	283.60	-213.06	-34.73	46.66	28.64
49184	94.56	8.70	-10.50	-2.87	285.19	-227.45	-38.69	49.94	35.02
49185	93.69	8.10	-10.50	-1.99	304.64	-253.84	-36.55	51.59	25.02
49186	93.45	8.70	-10.50	1.06	305.73	-268.25	-40.52	54.46	31.62
49187	92.56	8.10	-10.50	1.55	325.32	-294.34	-38.60	53.74	21.05
49188	92.34	8.70	-10.50	4.70	326.01	-308.63	-42.52	56.31	27.78
49189	91.43	8.10	-10.50	4.59	345.59	-334.41	-40.75	52.76	16.87
49190	91.23	8.70	-10.50	7.79	345.78	-348.46	-44.57	54.60	23.54
49191	90.30	8.10	-10.50	6.83	365.39	-374.10	-43.03	48.74	12.84
49192	90.12	8.70	-10.50	10.09	365.04	-387.85	-46.85	50.01	19.65
49193	89.18	8.10	-10.50	7.92	384.71	-413.61	-45.33	41.89	9.09
49194	89.01	8.70	-10.50	11.20	383.88	-426.99	-49.13	42.77	15.90
49195	88.05	8.10	-10.50	7.55	403.33	-453.09	-47.67	32.20	5.63
49196	87.90	8.70	-10.50	10.79	401.94	-466.05	-51.49	32.64	12.39
49197	86.92	8.10	-10.50	5.31	421.19	-492.63	-50.10	19.71	2.52
49198	86.79	8.70	-10.50	8.50	419.27	-505.10	-53.95	19.92	9.29
49199	85.79	8.10	-10.50	0.78	438.22	-532.26	-52.60	4.44	-0.32
49200	85.67	8.70	-10.50	3.96	435.78	-544.17	-56.48	4.56	6.41
49201	84.66	8.10	-10.50	-6.49	454.30	-571.97	-55.19	-13.67	-2.99
49202	84.56	8.70	-10.50	-3.24	451.35	-583.29	-59.12	-13.49	3.69
49203	83.53	8.10	-10.50	-16.95	469.33	-611.71	-57.91	-34.63	-5.57

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
49204	83.45	8.70	-10.50	-13.51	465.89	-622.42	-61.89	-34.24	1.08
49205	82.40	8.10	-10.50	-31.04	483.19	-651.41	-60.85	-58.40	-8.11
49206	82.34	8.70	-10.50	-27.26	479.28	-661.52	-64.88	-57.65	-1.48
49207	81.27	8.10	-10.50	-49.20	495.79	-690.96	-64.09	-84.83	-10.66
49208	81.23	8.70	-10.50	-44.90	491.43	-700.50	-68.18	-83.60	-4.04
49209	80.14	8.10	-10.50	-71.85	507.04	-730.24	-67.73	-113.72	-13.23
49210	80.12	8.70	-10.50	-66.80	502.24	-739.25	-71.88	-111.89	-6.58
49211	79.01	8.10	-10.50	-99.30	516.98	-769.32	-71.94	-144.66	-15.87
49212	79.01	8.70	-10.50	-93.23	511.73	-777.88	-76.23	-142.15	-8.94
49213	100.59	8.10	-9.50	1.71	63.26	49.36	-16.41	-20.51	72.68
49214	100.36	8.70	-9.50	2.02	63.97	44.05	-18.38	-23.72	75.86
49215	99.68	8.10	-9.50	-4.93	91.78	14.72	-17.23	-11.36	61.94
49216	99.44	8.70	-9.50	-4.33	93.54	8.38	-19.27	-11.70	66.58
49217	98.78	8.10	-9.50	-9.93	119.80	-24.28	-18.85	1.67	52.73
49218	98.52	8.70	-9.50	-9.16	121.19	-32.66	-21.53	3.17	57.43
49219	97.87	8.10	-9.50	-12.02	147.54	-70.99	-21.11	17.90	45.40
49220	97.61	8.70	-9.50	-10.92	149.11	-81.80	-24.08	20.94	50.81
49221	96.97	8.10	-9.50	-10.73	175.18	-125.60	-23.36	34.95	39.65
49222	96.69	8.70	-9.50	-9.10	176.83	-139.18	-26.43	38.82	45.79
49223	100.59	8.10	-10.50	4.54	104.77	52.40	-28.54	-19.34	68.32
49224	100.36	8.70	-10.50	5.36	104.57	46.13	-31.10	-22.35	71.08
49225	99.68	8.10	-10.50	-3.73	138.43	17.52	-28.31	-11.28	57.89
49226	99.44	8.70	-10.50	-2.59	139.69	10.41	-31.12	-11.70	62.15
49227	98.78	8.10	-10.50	-9.45	171.51	-23.34	-28.67	-0.50	48.94
49228	98.52	8.70	-10.50	-8.19	172.58	-32.20	-32.09	0.78	53.16
49229	97.87	8.10	-10.50	-12.07	203.83	-70.99	-29.80	13.31	41.73
49230	97.61	8.70	-10.50	-10.58	205.34	-81.81	-33.55	15.96	46.51
49231	96.97	8.10	-10.50	-11.53	235.68	-124.41	-31.35	28.20	36.05
49232	96.69	8.70	-10.50	-9.57	237.52	-137.38	-35.29	31.60	41.43
49233	61.22	8.70	-9.50	-905.74	348.97	-935.98	-235.02	-247.30	141.35
49234	60.95	8.10	-9.50	-985.85	358.17	-909.96	-226.97	-226.38	130.21
49235	62.34	8.70	-9.50	-813.37	367.15	-988.87	-215.89	-331.25	101.09
49236	62.08	8.10	-9.50	-879.49	376.42	-963.98	-210.51	-316.92	90.70
49237	63.45	8.70	-9.50	-731.92	382.81	-1033.98	-198.94	-393.71	69.93
49238	63.21	8.10	-9.50	-788.21	391.54	-1010.62	-194.36	-385.29	58.99
49239	64.56	8.70	-9.50	-657.88	395.66	-1067.91	-182.91	-438.12	44.08
49240	64.34	8.10	-9.50	-707.34	403.98	-1046.20	-178.57	-433.43	33.37
49241	65.67	8.70	-9.50	-591.25	404.97	-1090.03	-165.98	-462.24	22.12
49242	65.47	8.10	-9.50	-633.97	413.45	-1069.70	-162.41	-462.64	12.60
49243	66.78	8.70	-9.50	-529.53	413.04	-1100.45	-149.48	-472.04	6.43
49244	66.60	8.10	-9.50	-566.56	421.00	-1081.67	-146.14	-475.74	-3.06
49245	67.89	8.70	-9.50	-471.68	419.58	-1100.79	-134.06	-469.64	-5.21
49246	67.72	8.10	-9.50	-503.56	427.15	-1083.48	-130.78	-475.76	-14.11
49247	69.00	8.70	-9.50	-417.09	424.48	-1092.88	-119.75	-456.93	-12.93
49248	68.85	8.10	-9.50	-444.14	431.81	-1076.81	-116.60	-464.84	-21.31
49249	70.11	8.70	-9.50	-365.29	428.33	-1078.17	-107.06	-436.56	-17.33
49250	69.98	8.10	-9.50	-388.06	435.28	-1063.14	-103.92	-445.25	-25.28
49251	71.23	8.70	-9.50	-316.35	430.97	-1057.97	-96.05	-410.11	-19.47
49252	71.11	8.10	-9.50	-335.30	437.60	-1043.71	-92.92	-418.92	-26.87
49253	72.34	8.70	-9.50	-270.46	432.40	-1033.35	-86.70	-379.04	-19.94
49254	72.24	8.10	-9.50	-286.04	438.71	-1019.55	-83.58	-387.47	-26.76
49255	73.45	8.70	-9.50	-227.86	432.56	-1005.06	-78.90	-344.66	-19.25
49256	73.37	8.10	-9.50	-240.50	438.56	-991.49	-75.80	-352.38	-25.48
49257	74.56	8.70	-9.50	-188.75	431.39	-973.65	-72.52	-308.11	-17.73
49258	74.50	8.10	-9.50	-198.88	437.07	-960.16	-69.42	-314.89	-23.43
49259	75.67	8.70	-9.50	-153.29	428.76	-939.37	-67.38	-270.27	-15.51
49260	75.63	8.10	-9.50	-161.36	434.19	-926.02	-64.24	-276.07	-20.85
49261	76.78	8.70	-9.50	-121.58	424.48	-902.17	-63.32	-231.80	-12.53
49262	76.76	8.10	-9.50	-128.02	429.77	-889.33	-60.09	-236.76	-17.68
49263	77.89	8.70	-9.50	-93.70	418.08	-861.65	-60.09	-193.10	-7.23
49264	77.89	8.10	-9.50	-98.89	423.80	-850.40	-56.68	-198.19	-13.80
49265	61.22	8.70	-10.50	-1094.71	442.51	-990.30	-305.85	-177.65	130.93
49266	60.95	8.10	-10.50	-1180.72	456.31	-969.45	-295.42	-152.15	120.89
49267	62.34	8.70	-10.50	-1004.24	462.29	-1026.75	-283.41	-267.87	92.28
49268	62.08	8.10	-10.50	-1076.70	475.65	-1008.11	-276.01	-250.62	82.77
49269	63.45	8.70	-10.50	-919.64	479.63	-1055.27	-262.49	-335.18	63.30
49270	63.21	8.10	-10.50	-982.54	491.80	-1038.51	-256.12	-324.66	53.13
49271	64.56	8.70	-10.50	-837.88	494.18	-1074.20	-242.43	-383.51	39.72
49272	64.34	8.10	-10.50	-894.12	505.36	-1059.04	-236.42	-376.99	29.65
49273	65.67	8.70	-10.50	-760.17	505.09	-1083.66	-221.52	-410.71	19.68
49274	65.47	8.10	-10.50	-809.58	515.96	-1069.54	-216.43	-409.29	10.62
49275	66.78	8.70	-10.50	-685.15	514.74	-1083.77	-201.21	-422.96	5.28
49276	66.60	8.10	-10.50	-728.64	524.59	-1070.68	-196.43	-424.73	-3.92
49277	67.89	8.70	-10.50	-612.81	522.70	-1075.84	-182.22	-422.51	-5.65
49278	67.72	8.10	-10.50	-650.83	531.70	-1063.61	-177.53	-426.68	-14.50
49279	69.00	8.70	-10.50	-543.27	528.66	-1061.41	-164.41	-411.63	-13.02
49280	68.85	8.10	-10.50	-576.06	537.06	-1049.80	-159.89	-417.64	-21.72
49281	70.11	8.70	-10.50	-476.60	533.34	-1041.66	-148.30	-393.24	-17.31
49282	69.98	8.10	-10.50	-504.67	540.99	-1030.53	-143.82	-400.14	-26.03
49283	71.23	8.70	-10.50	-413.24	536.53	-1017.70	-133.97	-369.06	-19.46
49284	71.11	8.10	-10.50	-437.04	543.53	-1006.87	-129.53	-376.27	-28.12
49285	72.34	8.70	-10.50	-353.68	538.21	-990.44	-121.40	-340.63	-19.95
49286	72.24	8.10	-10.50	-373.64	544.59	-979.71	-117.01	-347.69	-28.57
49287	73.45	8.70	-10.50	-298.33	538.35	-960.50	-110.53	-309.28	-19.28
49288	73.37	8.10	-10.50	-314.88	544.13	-949.71	-106.19	-315.85	-27.83
49289	74.56	8.70	-10.50	-247.54	536.84	-928.32	-101.25	-276.10	-17.86
49290	74.50	8.10	-10.50	-261.13	542.09	-917.35	-96.94	-281.95	-26.29
49291	75.67	8.70	-10.50	-201.55	533.58	-894.04	-93.40	-241.97	-16.02
49292	75.63	8.10	-10.50	-212.62	538.38	-882.92	-89.10	-246.99	-24.22
49293	76.78	8.70	-10.50	-160.54	528.30	-857.47	-86.87	-207.61	-14.02
49294	76.76	8.10	-10.50	-169.49	532.89	-846.50	-82.48	-211.82	-21.72
49295	77.89	8.70	-10.50	-124.52	520.63	-817.90	-81.39	-173.66	-11.54
49296	77.89	8.10	-10.50	-131.77	525.65	-808.31	-76.81	-177.37	-18.80
49297	56.31	8.10	-9.50	-3826.48	-688.87	-2385.74	-4.27	579.80	554.24
49298	57.22	8.10	-9.50	-2589.01	21.24	-1259.99	-207.13	306.07	648.04
49299	58.12	8.10	-9.50	-1839.22	229.10	-846.77	-287.81	271.59	424.74
49300	59.03	8.10	-9.50	-1410.66	285.46	-808.03	-277.49	96.77	293.86
49301	59.93	8.10	-9.50	-1148.39	330.36	-846.95	-249.57	-90.03	192.12
49302	56.54	8.70	-9.50	-3616.91	-704.80	-2445.98	-786.24	879.56	1113.64

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
49303	57.46	8.70	-9.50	-2311.49	135.74	-1177.11	-396.69	367.80	674.44
49304	58.38	8.70	-9.50	-1636.72	223.17	-861.54	-371.60	273.55	460.29
49305	59.29	8.70	-9.50	-1274.57	279.85	-828.48	-307.64	76.41	310.19
49306	60.21	8.70	-9.50	-1048.75	321.17	-872.54	-264.26	-113.67	204.96
49307	56.31	8.10	-10.50	-5483.69	-874.89	-2814.55	-154.97	1221.03	781.90
49308	57.22	8.10	-10.50	-2925.14	148.43	-1035.26	-329.28	751.73	616.01
49309	58.12	8.10	-10.50	-2011.01	301.52	-892.59	-362.67	481.33	418.14
49310	59.03	8.10	-10.50	-1585.53	375.94	-873.64	-346.57	218.14	288.03
49311	59.93	8.10	-10.50	-1334.86	426.11	-917.76	-319.84	-0.01	182.33
49312	56.54	8.70	-10.50	-4571.57	-779.14	-2751.22	-1203.52	1331.97	1297.84
49313	57.46	8.70	-10.50	-2543.05	203.09	-1042.89	-486.19	746.36	643.59
49314	58.38	8.70	-10.50	-1787.55	288.61	-918.39	-447.78	443.36	466.81
49315	59.29	8.70	-10.50	-1440.38	363.78	-898.14	-379.53	182.36	302.71
49316	60.21	8.70	-10.50	-1229.03	411.35	-941.39	-337.22	-31.92	194.60
49317	79.15	20.20	-9.50	76.89	161.48	-830.59	-63.75	-134.36	397.16
49318	80.55	20.10	-9.50	80.02	162.64	-784.47	-68.00	-99.64	383.97
49319	81.94	19.90	-9.50	80.13	164.73	-736.72	-71.83	-67.13	366.76
49320	83.31	19.62	-9.50	77.73	167.46	-687.89	-74.93	-37.45	346.16
49321	84.65	19.23	-9.50	73.24	170.57	-638.45	-77.01	-11.11	322.83
49322	85.97	18.76	-9.50	67.11	173.84	-588.84	-77.91	11.52	297.46
49323	87.25	18.19	-9.50	59.74	177.04	-539.47	-77.52	30.24	270.68
49324	88.49	17.54	-9.50	51.55	179.98	-490.72	-75.83	45.02	243.14
49325	89.68	16.80	-9.50	42.93	182.46	-442.97	-72.93	55.91	215.42
49326	90.82	15.98	-9.50	34.28	184.39	-396.59	-68.89	63.06	188.02
49327	91.89	15.08	-9.50	25.88	185.46	-351.97	-63.90	66.64	161.61
49328	92.91	14.11	-9.50	17.96	185.78	-309.42	-58.17	67.15	136.70
49329	93.85	13.08	-9.50	10.79	185.40	-269.06	-51.83	65.08	113.39
49330	94.72	11.98	-9.50	4.41	183.86	-231.03	-45.15	60.52	91.76
49331	95.51	10.82	-9.50	-1.13	181.68	-195.32	-38.33	53.88	72.76
49332	96.21	9.62	-9.50	-5.86	178.88	-162.10	-31.54	46.07	56.06
49333	79.19	21.03	-9.50	102.84	94.40	-718.72	-56.93	-145.92	382.96
49334	80.67	20.93	-9.50	102.83	98.48	-674.55	-64.78	-114.70	371.23
49335	82.14	20.72	-9.50	99.51	104.09	-629.07	-71.81	-84.79	355.45
49336	83.59	20.41	-9.50	93.56	110.61	-582.90	-77.50	-57.03	336.40
49337	85.02	19.99	-9.50	85.56	117.62	-536.52	-81.47	-32.11	314.71
49338	86.41	19.48	-9.50	76.05	124.77	-490.28	-83.50	-10.51	290.96
49339	87.77	18.87	-9.50	65.54	131.73	-444.50	-83.58	7.51	265.76
49340	89.07	18.17	-9.50	54.58	138.18	-399.51	-81.78	21.89	239.71
49341	90.33	17.37	-9.50	43.65	143.83	-355.65	-78.28	32.63	213.38
49342	91.52	16.49	-9.50	33.20	148.43	-313.25	-73.33	39.85	187.34
49343	92.65	15.53	-9.50	23.53	151.84	-272.61	-67.26	43.80	162.11
49344	93.71	14.48	-9.50	14.86	154.06	-233.96	-60.35	44.79	138.11
49345	94.69	13.37	-9.50	7.33	155.00	-197.43	-52.87	43.15	115.69
49346	95.59	12.19	-9.50	0.98	154.75	-163.08	-45.12	39.27	95.25
49347	96.40	10.95	-9.50	-4.22	153.42	-131.02	-37.28	33.73	76.93
49348	97.13	9.66	-9.50	-8.28	151.16	-101.44	-29.51	27.16	60.77
49349	79.23	21.87	-9.50	127.88	41.93	-610.44	-46.81	-163.83	323.00
49350	80.80	21.76	-9.50	124.80	47.82	-568.00	-57.43	-139.96	315.70
49351	82.35	21.54	-9.50	118.30	55.68	-524.72	-67.11	-115.44	304.94
49352	83.88	21.20	-9.50	109.34	64.64	-481.54	-75.02	-91.62	291.52
49353	85.39	20.76	-9.50	98.48	74.17	-438.76	-80.60	-69.55	275.80
49354	86.86	20.20	-9.50	86.23	83.85	-396.49	-83.66	-49.80	258.10
49355	88.28	19.55	-9.50	73.22	93.24	-354.89	-84.25	-32.65	238.81
49356	89.65	18.79	-9.50	60.07	101.93	-314.21	-82.55	-18.28	218.42
49357	90.97	17.94	-9.50	47.36	109.56	-274.71	-78.84	-6.74	197.40
49358	92.22	17.00	-9.50	35.53	115.87	-236.67	-73.48	1.98	176.22
49359	93.40	15.97	-9.50	24.89	120.71	-200.33	-66.86	8.01	155.32
49360	94.51	14.85	-9.50	15.63	124.04	-165.86	-59.36	11.54	135.11
49361	95.53	13.67	-9.50	7.84	125.88	-133.37	-51.34	12.81	115.95
49362	96.46	12.41	-9.50	1.55	126.26	-102.97	-43.09	12.19	98.11
49363	97.30	11.08	-9.50	-3.31	125.32	-74.79	-34.84	10.07	81.71
49364	98.05	9.70	-9.50	-6.88	123.19	-49.09	-26.85	6.95	66.69
49365	79.28	22.71	-9.50	151.79	10.90	-523.59	-33.25	-188.85	227.10
49366	80.92	22.59	-9.50	145.82	16.63	-481.34	-45.51	-175.43	227.39
49367	82.56	22.35	-9.50	136.72	24.54	-438.74	-56.85	-158.36	225.21
49368	84.17	21.99	-9.50	125.61	33.76	-397.53	-66.20	-139.90	221.21
49369	85.75	21.52	-9.50	112.77	43.67	-357.57	-72.92	-121.57	215.33
49370	87.30	20.93	-9.50	98.64	53.78	-318.50	-76.86	-103.97	207.47
49371	88.80	20.23	-9.50	83.90	63.62	-280.30	-78.12	-87.44	197.78
49372	90.24	19.42	-9.50	69.25	72.73	-243.12	-76.92	-72.27	186.50
49373	91.62	18.52	-9.50	55.27	80.72	-207.17	-73.60	-58.68	173.93
49374	92.93	17.51	-9.50	42.43	87.32	-172.67	-68.55	-46.83	160.39
49375	94.16	16.41	-9.50	31.01	92.40	-139.80	-62.20	-36.79	146.22
49376	95.31	15.22	-9.50	21.18	95.91	-108.72	-54.96	-28.56	131.72
49377	96.37	13.96	-9.50	13.01	97.86	-79.55	-47.21	-22.06	117.20
49378	97.34	12.62	-9.50	6.53	98.32	-52.44	-39.28	-17.16	102.88
49379	98.20	11.21	-9.50	1.64	97.40	-27.60	-31.45	-13.70	88.86
49380	98.96	9.75	-9.50	-1.98	95.26	-5.33	-23.95	-11.39	75.10
49381	79.32	23.55	-9.50	173.92	0.01	-466.12	-16.55	-221.51	94.17
49382	81.05	23.42	-9.50	165.83	3.66	-422.55	-29.64	-221.28	106.15
49383	82.77	23.17	-9.50	155.02	9.40	-378.88	-41.49	-213.94	117.04
49384	84.46	22.78	-9.50	142.59	16.60	-337.77	-51.34	-202.40	126.61
49385	86.12	22.28	-9.50	128.59	24.65	-298.76	-58.74	-188.63	134.47
49386	87.74	21.65	-9.50	113.35	33.08	-261.06	-63.53	-173.34	140.27
49387	89.31	20.91	-9.50	97.58	41.38	-224.43	-65.76	-156.98	143.81
49388	90.82	20.05	-9.50	81.98	49.11	-188.96	-65.61	-140.03	145.04
49389	92.26	19.09	-9.50	67.12	55.92	-154.80	-63.40	-122.95	143.99
49390	93.63	18.02	-9.50	53.45	61.54	-122.12	-59.50	-106.18	140.77
49391	94.92	16.85	-9.50	41.26	65.82	-91.10	-54.31	-90.06	135.53
49392	96.11	15.59	-9.50	30.69	68.72	-61.87	-48.21	-74.87	128.46
49393	97.21	14.25	-9.50	21.83	70.22	-34.61	-41.57	-60.84	119.76
49394	98.21	12.83	-9.50	14.67	70.43	-9.55	-34.75	-48.16	109.62
49395	99.10	11.34	-9.50	9.18	69.52	12.99	-28.10	-36.93	98.26
49396	99.88	9.79	-9.50	4.97	67.69	32.71	-21.95	-27.99	86.11
49397	79.15	20.20	-10.50	66.31	213.50	-800.78	-88.19	-124.00	347.22
49398	80.55	20.10	-10.50	74.43	215.38	-755.45	-91.75	-92.94	336.21
49399	81.94	19.90	-10.50	78.63	218.29	-708.92	-95.08	-63.85	321.60
49400	83.31	19.62	-10.50	79.42	221.90	-661.61	-97.79	-37.27	303.94
49401	84.65	19.23	-10.50	77.28	225.94	-613.92	-99.52	-13.66	283.81

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
49402	85.97	18.76	-10.50	72.72	230.17	-566.23	-100.02	6.65	261.80
49403	87.25	18.19	-10.50	66.24	234.36	-518.89	-99.15	23.48	238.51
49404	88.49	17.54	-10.50	58.37	238.25	-472.23	-96.85	36.80	214.50
49405	89.68	16.80	-10.50	49.60	241.61	-426.59	-93.16	46.67	190.28
49406	90.82	15.98	-10.50	40.41	244.31	-382.31	-88.15	53.22	166.28
49407	91.89	15.08	-10.50	31.23	245.95	-339.79	-82.01	56.56	143.08
49408	92.91	14.11	-10.50	22.32	246.67	-299.34	-74.99	57.12	121.14
49409	93.85	13.08	-10.50	14.06	246.58	-261.05	-67.23	55.31	100.61
49410	94.72	11.98	-10.50	6.52	245.15	-224.98	-58.96	51.18	81.57
49411	95.51	10.82	-10.50	-0.10	242.91	-191.00	-50.43	45.16	64.95
49412	96.21	9.62	-10.50	-5.79	239.88	-159.29	-41.79	38.16	50.36
49413	97.19	21.03	-10.50	89.32	139.69	-722.38	-77.72	-135.16	334.97
49414	80.67	20.93	-10.50	95.00	144.43	-677.20	-84.49	-107.29	325.30
49415	82.14	20.72	-10.50	96.48	150.64	-630.98	-90.88	-80.53	312.06
49416	83.59	20.41	-10.50	94.45	157.74	-584.24	-96.24	-55.64	295.87
49417	85.02	19.99	-10.50	89.48	165.38	-537.44	-100.02	-33.26	277.30
49418	86.41	19.48	-10.50	82.12	173.26	-490.89	-101.97	-13.80	256.85
49419	87.77	18.87	-10.50	72.99	181.05	-444.90	-101.96	2.51	235.03
49420	89.07	18.17	-10.50	62.72	188.40	-399.76	-100.02	15.59	212.37
49421	90.33	17.37	-10.50	51.91	195.00	-355.81	-96.26	25.45	189.40
49422	91.52	16.49	-10.50	41.08	200.52	-313.36	-90.88	32.18	166.59
49423	92.65	15.53	-10.50	30.67	204.81	-272.72	-84.20	35.97	144.40
49424	93.71	14.48	-10.50	20.95	207.86	-234.11	-76.49	37.06	123.25
49425	94.69	13.37	-10.50	12.16	209.57	-197.64	-68.03	35.71	103.48
49426	95.59	12.19	-10.50	4.47	210.01	-163.32	-59.06	32.31	85.51
49427	96.40	10.95	-10.50	-2.02	209.21	-131.21	-49.75	27.40	69.45
49428	97.13	9.66	-10.50	-7.24	207.32	-101.52	-40.28	21.58	55.27
49429	79.23	21.87	-10.50	111.92	75.32	-645.30	-62.59	-152.17	284.86
49430	80.80	21.76	-10.50	115.02	82.08	-599.64	-72.00	-130.83	278.60
49431	82.35	21.54	-10.50	114.02	90.67	-553.45	-81.34	-108.63	269.45
49432	83.88	21.20	-10.50	109.76	100.15	-507.57	-89.30	-87.06	258.17
49433	85.39	20.76	-10.50	102.60	110.27	-462.18	-95.17	-67.08	244.85
49434	86.86	20.20	-10.50	93.08	120.73	-417.36	-98.70	-49.15	229.71
49435	88.28	19.55	-10.50	81.90	131.13	-373.29	-99.84	-33.51	213.07
49436	89.65	18.79	-10.50	69.78	141.03	-330.22	-98.66	-20.31	195.34
49437	90.97	17.94	-10.50	57.38	150.03	-288.43	-95.35	-9.63	176.96
49438	92.22	17.00	-10.50	45.28	157.83	-248.19	-90.19	-1.45	158.34
49439	93.40	15.97	-10.50	33.87	164.23	-209.77	-83.54	4.29	139.89
49440	94.51	14.85	-10.50	23.44	169.15	-173.33	-75.74	7.73	121.99
49441	95.53	13.67	-10.50	14.22	172.60	-139.00	-67.11	9.11	105.02
49442	96.46	12.41	-10.50	6.38	174.54	-106.84	-57.91	8.72	89.25
49443	97.30	11.08	-10.50	0.01	174.97	-76.96	-48.37	6.94	74.75
49444	98.05	9.70	-10.50	-4.98	174.02	-49.65	-38.72	4.22	61.42
49445	79.28	22.71	-10.50	133.92	28.34	-587.34	-42.76	-176.27	202.32
49446	80.92	22.59	-10.50	134.29	34.88	-538.56	-53.90	-164.53	202.13
49447	82.56	22.35	-10.50	131.33	43.69	-490.33	-65.56	-148.41	200.13
49448	84.17	21.99	-10.50	125.80	53.60	-444.36	-75.69	-131.27	197.18
49449	85.75	21.52	-10.50	117.38	64.32	-399.79	-83.42	-114.51	192.65
49450	87.30	20.93	-10.50	106.51	75.60	-356.11	-88.61	-98.40	186.29
49451	88.80	20.23	-10.50	94.02	86.97	-313.35	-91.23	-83.19	178.18
49452	90.24	19.42	-10.50	80.68	97.96	-271.72	-91.36	-69.14	168.55
49453	91.62	18.52	-10.50	67.20	108.12	-231.47	-89.20	-56.49	157.68
49454	92.93	17.51	-10.50	54.13	117.13	-192.82	-85.05	-45.38	145.83
49455	94.16	16.41	-10.50	41.89	124.79	-156.00	-79.25	-35.90	133.33
49456	95.31	15.22	-10.50	30.78	130.98	-121.16	-72.15	-28.08	120.46
49457	96.37	13.96	-10.50	21.02	135.65	-88.48	-64.09	-21.84	107.54
49458	97.34	12.62	-10.50	12.79	138.75	-58.07	-55.41	-17.10	94.77
49459	98.20	11.21	-10.50	6.16	140.27	-30.12	-46.37	-13.74	82.24
49460	98.96	9.75	-10.50	0.84	140.27	-5.02	-37.17	-11.45	69.83
49461	79.32	23.55	-10.50	153.59	5.21	-567.46	-19.08	-208.00	84.47
49462	81.05	23.42	-10.50	152.16	8.92	-513.16	-31.14	-208.60	95.27
49463	82.77	23.17	-10.50	148.25	15.01	-460.02	-43.48	-200.68	105.13
49464	84.46	22.78	-10.50	142.39	22.67	-411.41	-54.54	-189.32	114.27
49465	86.12	22.28	-10.50	133.67	31.50	-365.32	-63.64	-176.51	122.02
49466	87.74	21.65	-10.50	122.39	41.18	-320.44	-70.46	-162.38	127.86
49467	89.31	20.91	-10.50	109.45	51.26	-276.69	-74.92	-147.19	131.59
49468	90.82	20.05	-10.50	95.61	61.30	-234.23	-76.99	-131.42	133.14
49469	92.26	19.09	-10.50	81.54	70.86	-193.28	-76.81	-115.50	132.54
49470	93.63	18.02	-10.50	67.81	79.63	-154.04	-74.61	-99.81	129.89
49471	94.92	16.85	-10.50	54.83	87.36	-116.73	-70.67	-84.72	125.34
49472	96.11	15.59	-10.50	42.91	93.87	-81.56	-65.28	-70.47	119.05
49473	97.21	14.25	-10.50	32.30	99.06	-48.73	-58.76	-57.28	111.22
49474	98.21	12.83	-10.50	23.17	102.89	-18.51	-51.46	-45.34	102.01
49475	99.10	11.34	-10.50	15.65	105.42	8.73	-43.77	-34.75	91.61
49476	99.88	9.79	-10.50	9.55	106.78	32.51	-36.05	-26.33	80.51
49477	60.69	9.62	-9.50	-897.80	304.18	-910.36	-269.93	-153.39	219.13
49478	61.39	10.82	-9.50	-708.89	276.49	-957.61	-251.98	-207.09	232.30
49479	62.18	11.98	-9.50	-552.33	254.31	-997.57	-217.66	-259.06	239.64
49480	63.05	13.08	-9.50	-428.07	239.26	-1030.39	-178.89	-304.57	246.84
49481	63.99	14.11	-9.50	-330.95	228.69	-1055.93	-143.75	-339.97	258.11
49482	65.01	15.08	-9.50	-254.02	220.37	-1073.54	-114.44	-364.55	273.40
49483	66.08	15.98	-9.50	-191.85	212.89	-1082.85	-91.12	-377.76	293.02
49484	67.22	16.80	-9.50	-139.35	204.50	-1083.94	-73.31	-380.35	314.45
49485	68.41	17.54	-9.50	-94.44	196.38	-1077.19	-60.90	-373.64	336.23
49486	69.65	18.19	-9.50	-55.94	188.60	-1063.36	-52.90	-358.75	356.99
49487	70.93	18.76	-9.50	-23.04	181.42	-1043.23	-48.60	-336.92	375.38
49488	72.25	19.23	-9.50	4.75	175.09	-1017.61	-47.32	-309.49	390.39
49489	73.59	19.62	-9.50	27.75	169.81	-987.25	-48.39	-277.83	401.26
49490	74.96	19.90	-9.50	46.23	165.71	-952.83	-51.19	-243.30	407.54
49491	76.35	20.10	-9.50	60.40	162.94	-914.98	-55.05	-207.19	408.99
49492	77.75	20.20	-9.50	70.45	161.53	-874.23	-59.36	-170.65	405.58
49493	59.77	9.66	-9.50	-1046.93	256.07	-859.38	-326.22	33.93	328.47
49494	60.50	10.95	-9.50	-762.38	215.81	-896.57	-297.11	-31.87	336.85
49495	61.31	12.19	-9.50	-549.62	189.20	-924.29	-237.44	-102.38	327.14
49496	62.21	13.37	-9.50	-401.96	175.56	-946.39	-176.41	-167.78	312.11
49497	63.19	14.48	-9.50	-298.16	168.24	-963.75	-125.73	-222.92	301.27
49498	64.25	15.53	-9.50	-220.82	161.58	-975.37	-87.28	-265.77	298.39
49499	65.38	16.49	-9.50	-159.02	153.83	-979.99	-59.03	-296.11	303.17
49500	66.57	17.37	-9.50	-107.27	144.59	-977.29	-39.15	-314.46	313.80

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
49501	67.83	18.17	-9.50	-62.76	134.46	-967.55	-26.40	-321.84	327.93
49502	69.13	18.87	-9.50	-24.29	124.41	-951.41	-19.60	-319.46	343.47
49503	70.49	19.48	-9.50	8.70	115.09	-929.63	-17.66	-308.63	358.65
49504	71.88	19.99	-9.50	36.48	107.00	-902.99	-19.64	-290.71	372.01
49505	73.31	20.41	-9.50	59.21	100.51	-872.23	-24.64	-267.16	382.46
49506	74.76	20.72	-9.50	77.06	95.83	-838.00	-31.75	-239.48	389.26
49507	76.23	20.93	-9.50	90.20	93.09	-800.80	-40.03	-209.19	391.91
49508	77.71	21.03	-9.50	98.77	92.53	-760.95	-48.60	-177.65	389.92
49509	58.85	9.70	-9.50	-1244.96	188.24	-879.14	-422.10	243.10	491.17
49510	59.60	11.08	-9.50	-777.77	126.62	-889.54	-362.97	177.26	494.53
49511	60.44	12.41	-9.50	-487.40	104.38	-884.98	-252.97	92.81	453.36
49512	61.37	13.67	-9.50	-327.57	108.57	-882.63	-159.92	10.55	398.60
49513	62.39	14.85	-9.50	-232.89	111.91	-884.62	-97.24	-62.66	349.86
49514	63.50	15.97	-9.50	-164.03	110.95	-885.68	-53.87	-124.16	314.69
49515	64.68	17.00	-9.50	-109.28	105.55	-882.73	-23.91	-173.29	293.46
49516	65.93	17.94	-9.50	-62.78	96.78	-874.19	-4.07	-210.24	283.74
49517	67.25	18.79	-9.50	-22.12	86.06	-859.88	7.68	-235.68	282.51
49518	68.62	19.55	-9.50	13.60	74.75	-840.27	12.74	-250.51	286.93
49519	70.04	20.20	-9.50	44.54	64.00	-816.04	12.29	-255.84	294.56
49520	71.51	20.76	-9.50	70.61	54.61	-787.94	7.39	-252.86	303.41
49521	73.02	21.20	-9.50	91.72	47.13	-756.73	-0.98	-242.86	311.95
49522	74.55	21.54	-9.50	107.95	41.84	-723.18	-11.78	-227.27	319.11
49523	76.10	21.76	-9.50	119.51	38.96	-687.83	-23.78	-207.82	324.08
49524	77.67	21.87	-9.50	126.27	38.88	-650.51	-35.66	-186.37	325.77
49525	57.94	9.75	-9.50	-1555.25	76.37	-1086.92	-609.81	421.60	739.29
49526	58.70	11.21	-9.50	-675.47	-46.16	-986.69	-438.12	399.88	736.37
49527	59.56	12.62	-9.50	-314.82	14.80	-899.05	-213.68	305.22	639.75
49528	60.53	13.96	-9.50	-207.40	51.50	-856.09	-112.38	215.27	523.98
49529	61.59	15.22	-9.50	-136.16	69.34	-833.65	-52.80	129.24	419.76
49530	62.74	16.41	-9.50	-85.42	75.43	-820.96	-13.60	50.97	337.59
49531	63.97	17.51	-9.50	-43.02	73.68	-809.12	12.48	-17.35	278.12
49532	65.28	18.52	-9.50	-5.70	66.76	-794.21	29.05	-74.87	238.09
49533	66.66	19.42	-9.50	27.95	56.87	-775.00	38.03	-121.49	213.47
49534	68.10	20.23	-9.50	58.18	45.76	-751.61	40.68	-157.51	200.54
49535	69.60	20.93	-9.50	84.73	34.79	-724.59	38.04	-183.51	196.05
49536	71.15	21.52	-9.50	107.12	24.96	-694.65	31.02	-200.25	197.31
49537	72.73	21.99	-9.50	125.01	16.99	-662.64	20.51	-208.57	202.16
49538	74.34	22.35	-9.50	138.42	11.25	-629.63	7.52	-209.59	209.05
49539	75.98	22.59	-9.50	147.73	8.10	-596.48	-6.64	-205.24	216.71
49540	77.62	22.71	-9.50	152.58	7.96	-562.07	-20.44	-198.11	223.39
49541	57.02	9.79	-9.50	-1749.40	-636.66	-1907.16	-998.71	772.97	1417.82
49542	57.80	11.34	-9.50	-140.36	-143.03	-1216.15	-186.49	572.20	1097.90
49543	58.69	12.83	-9.50	-113.61	-16.77	-987.60	-68.42	511.29	892.26
49544	59.69	14.25	-9.50	-52.84	30.52	-871.87	-21.58	434.13	696.03
49545	60.79	15.59	-9.50	-22.07	51.09	-818.05	11.68	346.72	518.24
49546	61.98	16.85	-9.50	7.53	59.81	-789.59	34.53	256.24	373.26
49547	63.27	18.02	-9.50	34.84	60.25	-769.29	50.41	169.69	262.11
49548	64.64	19.09	-9.50	60.88	55.30	-748.82	60.10	90.27	180.68
49549	66.08	20.05	-9.50	85.46	47.09	-725.36	64.40	19.62	123.77
49550	67.59	20.91	-9.50	108.16	37.29	-698.45	63.93	-41.44	86.58
49551	69.16	21.65	-9.50	128.38	27.16	-668.53	59.25	-92.61	64.88
49552	70.78	22.28	-9.50	145.42	17.69	-636.33	50.96	-133.89	55.09
49553	72.44	22.78	-9.50	158.74	9.64	-602.83	39.73	-165.47	54.20
49554	74.13	23.17	-9.50	168.30	3.50	-569.51	26.36	-187.95	59.76
49555	75.85	23.42	-9.50	174.53	-0.28	-537.44	11.84	-203.29	69.60
49556	77.58	23.55	-9.50	176.94	-1.37	-504.50	-2.68	-214.39	81.62
49557	60.69	9.62	-10.50	-1069.14	386.40	-975.07	-345.96	-82.87	206.30
49558	61.39	10.82	-10.50	-868.86	348.49	-1014.92	-330.07	-148.33	214.85
49559	62.18	11.98	-10.50	-701.38	317.63	-1045.19	-295.57	-207.32	217.33
49560	63.05	13.08	-10.50	-566.11	295.69	-1066.81	-254.65	-256.67	219.80
49561	63.99	14.11	-10.50	-457.82	280.17	-1080.87	-215.79	-294.21	226.56
49562	65.01	15.08	-10.50	-369.59	268.82	-1087.70	-181.56	-320.30	237.60
49563	66.08	15.98	-10.50	-296.04	259.81	-1087.44	-152.57	-334.99	253.32
49564	67.22	16.80	-10.50	-232.14	250.84	-1080.35	-128.84	-339.35	271.33
49565	68.41	17.54	-10.50	-175.93	242.82	-1066.77	-110.65	-334.83	290.22
49566	69.65	18.19	-10.50	-126.38	235.51	-1047.36	-97.25	-322.58	308.64
49567	70.93	18.76	-10.50	-82.81	228.98	-1022.79	-88.09	-303.82	325.27
49568	72.25	19.23	-10.50	-44.88	223.36	-993.74	-82.62	-279.81	339.05
49569	73.59	19.62	-10.50	-12.39	218.80	-960.83	-80.22	-251.83	349.22
49570	74.96	19.90	-10.50	14.81	215.44	-924.61	-80.25	-221.15	355.28
49571	76.35	20.10	-10.50	36.85	213.42	-885.61	-82.02	-188.94	356.97
49572	77.75	20.20	-10.50	53.90	212.82	-844.28	-84.83	-156.28	354.22
49573	59.77	9.66	-10.50	-1200.32	329.40	-934.90	-401.79	116.75	318.59
49574	60.50	10.95	-10.50	-902.28	276.72	-976.84	-374.99	25.55	320.18
49575	61.31	12.19	-10.50	-680.37	240.12	-1003.20	-316.24	-58.75	303.68
49576	62.21	13.37	-10.50	-524.83	218.46	-1019.22	-254.55	-129.90	283.46
49577	63.19	14.48	-10.50	-413.24	205.61	-1027.90	-201.36	-186.81	268.53
49578	64.25	15.53	-10.50	-327.87	196.10	-1030.22	-158.71	-229.99	262.08
49579	65.38	16.49	-10.50	-257.68	187.67	-1026.08	-125.00	-260.45	263.60
49580	66.57	17.37	-10.50	-197.14	179.17	-1015.57	-98.95	-279.23	271.30
49581	67.83	18.17	-10.50	-143.51	170.52	-999.03	-79.81	-287.58	282.88
49582	69.13	18.87	-10.50	-95.70	162.26	-977.06	-66.75	-286.78	296.29
49583	70.49	19.48	-10.50	-53.32	154.71	-950.31	-58.94	-278.12	309.79
49584	71.88	19.99	-10.50	-16.26	148.22	-919.45	-55.65	-262.90	321.95
49585	73.31	20.41	-10.50	15.45	143.06	-885.11	-56.10	-242.48	331.70
49586	74.76	20.72	-10.50	41.83	139.40	-847.86	-59.47	-218.20	338.35
49587	76.23	20.93	-10.50	62.92	137.39	-808.10	-64.79	-191.45	341.39
49588	77.71	21.03	-10.50	78.74	137.30	-766.14	-71.08	-163.47	340.38
49589	58.85	9.70	-10.50	-1372.67	245.34	-951.03	-493.21	354.02	492.90
49590	59.60	11.08	-10.50	-887.66	171.29	-979.28	-432.36	230.03	481.17
49591	60.44	12.41	-10.50	-590.07	138.76	-986.46	-323.29	120.94	428.48
49592	61.37	13.67	-10.50	-426.73	133.92	-985.68	-231.49	31.30	368.22
49593	62.39	14.85	-10.50	-329.15	130.73	-983.05	-168.64	-42.36	317.38
49594	63.50	15.97	-10.50	-256.81	126.80	-976.97	-122.91	-102.60	280.89
49595	64.68	17.00	-10.50	-197.88	121.42	-966.54	-88.74	-150.22	258.42
49596	65.93	17.94	-10.50	-146.26	114.59	-950.97	-63.35	-185.97	247.47
49597	67.25	18.79	-10.50	-99.55	106.74	-930.28	-45.31	-210.74	245.06
49598	68.62	19.55	-10.50	-56.95	98.55	-904.87	-33.69	-225.55	248.39
49599	70.04	20.20	-10.50	-18.46	90.71	-875.36	-27.71	-231.52	255.08

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
49600	71.51	20.76	-10.50	15.60	83.79	-842.39	-26.63	-229.79	263.17
49601	73.02	21.20	-10.50	44.87	78.24	-806.65	-29.72	-221.53	271.22
49602	74.55	21.54	-10.50	69.22	74.26	-768.85	-36.15	-208.00	278.27
49603	76.10	21.76	-10.50	88.78	71.92	-729.57	-44.74	-190.80	283.72
49604	77.67	21.87	-10.50	103.28	71.88	-688.73	-53.85	-171.84	286.54
49605	57.94	9.75	-10.50	-1693.64	112.23	-1075.65	-694.99	625.60	757.22
49606	58.70	11.21	-10.50	-740.39	-29.11	-1076.01	-491.63	438.60	724.77
49607	59.56	12.62	-10.50	-379.72	30.24	-1011.07	-263.38	306.53	605.13
49608	60.53	13.96	-10.50	-275.55	55.84	-981.58	-167.00	214.99	487.63
49609	61.59	15.22	-10.50	-206.66	65.97	-959.77	-110.53	131.39	385.99
49610	62.74	16.41	-10.50	-158.37	68.56	-942.78	-72.25	56.52	306.25
49611	63.97	17.51	-10.50	-117.08	67.29	-924.98	-44.49	-8.54	248.55
49612	65.28	18.52	-10.50	-79.33	63.34	-903.98	-24.08	-63.20	209.70
49613	66.66	19.42	-10.50	-43.55	57.59	-878.89	-9.78	-107.47	185.83
49614	68.10	20.23	-10.50	-9.58	50.82	-849.85	-0.96	-141.74	173.29
49615	69.60	20.93	-10.50	22.12	43.82	-817.35	2.81	-166.64	168.92
49616	71.15	21.52	-10.50	50.83	37.30	-782.02	2.01	-182.90	170.09
49617	72.73	21.99	-10.50	75.76	31.82	-744.61	-2.90	-191.29	174.78
49618	74.34	22.35	-10.50	96.58	27.68	-706.35	-11.33	-192.54	181.68
49619	75.98	22.59	-10.50	113.86	25.08	-668.78	-22.07	-188.44	190.11
49620	77.62	22.71	-10.50	127.18	25.03	-630.85	-32.81	-182.64	198.16
49621	57.02	9.79	-10.50	-1987.86	-664.61	-2065.68	-1104.81	959.43	1355.47
49622	57.80	11.34	-10.50	-124.24	-145.57	-1267.67	-195.06	532.49	1012.58
49623	58.69	12.83	-10.50	-144.28	-20.85	-1101.68	-93.04	479.18	834.40
49624	59.69	14.25	-10.50	-81.36	15.58	-1016.53	-51.22	410.87	649.63
49625	60.79	15.59	-10.50	-60.05	27.36	-974.32	-25.82	329.44	483.39
49626	61.98	16.85	-10.50	-38.84	32.04	-946.72	-8.77	244.64	346.34
49627	63.27	18.02	-10.50	-18.97	33.43	-923.34	4.78	162.84	240.87
49628	64.64	19.09	-10.50	1.78	32.65	-898.52	15.42	87.72	163.58
49629	66.08	20.05	-10.50	23.50	30.07	-870.22	23.24	21.00	109.71
49630	67.59	20.91	-10.50	45.83	26.10	-838.15	27.98	-36.56	74.64
49631	69.16	21.65	-10.50	67.97	21.23	-802.78	29.40	-84.72	54.28
49632	70.78	22.28	-10.50	88.95	16.06	-764.76	27.43	-123.58	45.19
49633	72.44	22.78	-10.50	107.62	11.18	-725.00	22.13	-153.22	44.50
49634	74.13	23.17	-10.50	123.48	7.06	-685.54	13.84	-173.69	50.07
49635	75.85	23.42	-10.50	137.34	4.24	-649.07	3.29	-186.98	60.18
49636	77.58	23.55	-10.50	148.67	3.67	-612.86	-7.89	-198.17	72.44
49637	79.06	-2.50	-9.50	-117.27	427.60	-711.74	20.22	-181.30	-40.89
49638	79.06	-3.10	-9.50	-117.29	422.50	-708.11	24.60	-180.22	-40.41
49639	80.29	-2.50	-9.50	-91.02	417.16	-668.40	20.36	-142.32	-41.83
49640	80.28	-3.10	-9.50	-91.35	412.23	-664.94	24.55	-141.82	-41.61
49641	81.52	-2.50	-9.50	-69.91	405.45	-623.39	20.62	-106.67	-42.24
49642	81.51	-3.10	-9.50	-70.42	400.71	-620.13	24.67	-106.68	-42.24
49643	82.75	-2.50	-9.50	-53.40	392.51	-577.13	20.95	-74.81	-42.15
49644	82.73	-3.10	-9.50	-54.00	387.98	-574.12	24.87	-75.27	-42.32
49645	83.97	-2.50	-9.50	-40.93	378.39	-530.01	21.29	-47.07	-41.58
49646	83.95	-3.10	-9.50	-41.54	374.09	-527.27	25.09	-47.90	-41.88
49647	85.20	-2.50	-9.50	-31.92	363.16	-482.37	21.59	-23.64	-40.57
49648	85.17	-3.10	-9.50	-32.48	359.10	-479.92	25.29	-24.76	-40.97
49649	86.43	-2.50	-9.50	-25.79	346.91	-434.50	21.84	-4.58	-39.18
49650	86.39	-3.10	-9.50	-26.27	343.11	-432.33	25.44	-5.91	-39.65
49651	87.66	-2.50	-9.50	-22.01	329.72	-386.64	22.01	10.13	-37.43
49652	87.62	-3.10	-9.50	-22.39	326.19	-384.75	25.50	8.67	-37.96
49653	88.88	-2.50	-9.50	-20.06	311.67	-339.01	22.09	20.59	-35.38
49654	88.84	-3.10	-9.50	-20.32	308.42	-337.37	25.46	19.06	-35.95
49655	90.11	-2.50	-9.50	-19.50	292.88	-291.80	22.07	26.94	-33.04
49656	90.06	-3.10	-9.50	-19.63	289.91	-290.42	25.31	25.40	-33.65
49657	91.34	-2.50	-9.50	-19.90	273.43	-245.26	21.92	29.37	-30.43
49658	91.28	-3.10	-9.50	-19.92	270.75	-244.11	25.03	27.87	-31.07
49659	92.57	-2.50	-9.50	-20.88	253.44	-199.72	21.62	28.09	-27.52
49660	92.50	-3.10	-9.50	-20.80	251.05	-198.79	24.57	26.68	-28.22
49661	93.79	-2.50	-9.50	-22.05	233.02	-155.72	21.13	23.43	-24.33
49662	93.73	-3.10	-9.50	-21.88	230.91	-154.99	23.88	22.12	-25.08
49663	95.02	-2.50	-9.50	-22.93	212.32	-114.02	20.37	15.88	-20.85
49664	94.95	-3.10	-9.50	-22.70	210.49	-113.47	22.90	14.70	-21.68
49665	96.25	-2.50	-9.50	-23.05	191.46	-75.50	19.28	6.33	-17.17
49666	96.17	-3.10	-9.50	-22.80	189.93	-75.09	21.57	5.28	-18.11
49667	97.48	-2.50	-9.50	-22.02	170.60	-40.93	17.82	-3.85	-13.44
49668	97.39	-3.10	-9.50	-21.79	169.36	-40.63	19.84	-4.81	-14.54
49669	79.06	-2.50	-10.50	-158.37	510.08	-681.97	26.50	-162.63	-32.62
49670	79.06	-3.10	-10.50	-158.11	504.66	-678.64	32.26	-161.62	-31.55
49671	80.29	-2.50	-10.50	-124.01	497.80	-640.52	26.31	-128.15	-33.57
49672	80.28	-3.10	-10.50	-124.16	492.56	-637.34	31.74	-127.64	-32.75
49673	81.52	-2.50	-10.50	-96.09	484.22	-597.90	26.34	-96.62	-34.07
49674	81.51	-3.10	-10.50	-96.51	479.18	-594.91	31.50	-96.55	-33.47
49675	82.75	-2.50	-10.50	-73.98	469.39	-554.41	26.51	-68.45	-34.13
49676	82.73	-3.10	-10.50	-74.56	464.56	-551.64	31.43	-68.77	-33.70
49677	83.97	-2.50	-10.50	-57.02	453.35	-510.33	26.75	-43.92	-33.77
49678	83.95	-3.10	-10.50	-57.66	448.76	-507.79	31.46	-44.56	-33.49
49679	85.20	-2.50	-10.50	-44.51	436.21	-465.88	27.02	-23.20	-33.03
49680	85.17	-3.10	-10.50	-45.14	431.86	-463.58	31.54	-24.09	-32.85
49681	86.43	-2.50	-10.50	-35.74	418.04	-421.26	27.27	-6.36	-31.93
49682	86.39	-3.10	-10.50	-36.32	413.96	-419.20	31.62	-7.44	-31.85
49683	87.66	-2.50	-10.50	-30.05	398.95	-376.65	27.48	6.62	-30.52
49684	87.62	-3.10	-10.50	-30.54	395.15	-374.82	31.66	5.41	-30.51
49685	88.88	-2.50	-10.50	-26.79	379.04	-332.18	27.61	15.79	-28.82
49686	88.84	-3.10	-10.50	-27.17	375.53	-330.58	31.63	14.53	-28.88
49687	90.11	-2.50	-10.50	-25.34	358.43	-288.02	27.64	21.29	-26.85
49688	90.06	-3.10	-10.50	-25.60	355.21	-286.64	31.49	20.02	-26.99
49689	91.34	-2.50	-10.50	-25.14	337.23	-244.36	27.53	23.26	-24.63
49690	91.28	-3.10	-10.50	-25.28	334.30	-243.20	31.21	22.03	-24.86
49691	92.57	-2.50	-10.50	-25.66	315.58	-201.48	27.23	21.95	-22.17
49692	92.50	-3.10	-10.50	-25.69	312.94	-200.52	30.73	20.77	-22.48
49693	93.79	-2.50	-10.50	-26.36	293.62	-159.80	26.69	17.68	-19.45
49694	93.73	-3.10	-10.50	-26.29	291.27	-159.03	29.99	16.59	-19.88
49695	95.02	-2.50	-10.50	-26.74	271.50	-119.83	25.84	10.97	-16.52
49696	94.95	-3.10	-10.50	-26.59	269.42	-119.23	28.93	9.98	-17.08
49697	96.25	-2.50	-10.50	-26.37	249.34	-82.12	24.64	2.64	-13.43
49698	96.17	-3.10	-10.50	-26.16	247.55	-81.67	27.49	1.74	-14.16

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
49699	97.48	-2.50	-10.50	-24.97	227.24	-47.08	23.07	-6.14	-10.32
49700	97.39	-3.10	-10.50	-24.76	225.73	-46.77	25.69	-6.98	-11.24
49701	101.82	-3.10	-9.50	-1.30	45.00	96.11	5.21	-6.49	-4.77
49702	101.90	-2.50	-9.50	-1.41	45.61	95.55	4.42	-5.78	-0.68
49703	100.97	-3.10	-9.50	-5.48	70.22	73.91	8.07	-16.42	-4.67
49704	101.05	-2.50	-9.50	-5.61	70.81	73.34	7.28	-15.66	-1.43
49705	100.13	-3.10	-9.50	-10.26	95.18	51.26	11.23	-22.06	-5.52
49706	100.20	-2.50	-9.50	-10.42	95.90	50.72	10.15	-21.21	-3.06
49707	99.28	-3.10	-9.50	-14.99	120.52	24.82	14.42	-21.57	-7.57
49708	99.36	-2.50	-9.50	-15.17	121.36	24.35	13.04	-20.68	-5.75
49709	98.43	-3.10	-9.50	-19.13	146.18	-7.01	17.45	-14.73	-10.81
49710	98.51	-2.50	-9.50	-19.33	147.19	-7.35	15.74	-13.83	-9.44
49711	101.82	-3.10	-10.50	-1.94	89.28	109.44	10.23	-5.30	-3.45
49712	101.90	-2.50	-10.50	-2.24	90.19	108.76	8.55	-4.66	0.33
49713	100.97	-3.10	-10.50	-7.62	118.20	84.42	13.48	-14.76	-3.33
49714	101.05	-2.50	-10.50	-7.90	119.10	83.77	11.84	-14.08	-0.31
49715	100.13	-3.10	-10.50	-12.96	146.04	57.09	16.88	-21.04	-3.91
49716	100.20	-2.50	-10.50	-13.23	147.07	56.52	14.98	-20.29	-1.63
49717	99.28	-3.10	-10.50	-17.70	173.64	25.37	20.16	-21.25	-5.55
49718	99.36	-2.50	-10.50	-17.95	174.78	24.88	18.05	-20.47	-3.88
49719	98.43	-3.10	-10.50	-21.90	201.11	-10.82	23.25	-15.49	-8.19
49720	98.51	-2.50	-10.50	-22.12	202.40	-11.16	20.88	-14.70	-6.98
49721	59.42	-2.50	-9.50	-1427.67	307.52	-682.71	40.85	-90.68	-43.90
49722	59.51	-3.10	-9.50	-1410.00	313.13	-688.44	55.83	-94.60	-52.40
49723	60.65	-2.50	-9.50	-1280.26	364.56	-743.47	50.04	-206.18	-33.27
49724	60.73	-3.10	-9.50	-1261.53	366.10	-748.56	65.93	-208.87	-38.56
49725	61.88	-2.50	-9.50	-1149.57	403.33	-801.05	54.05	-305.33	-25.99
49726	61.95	-3.10	-9.50	-1131.02	401.79	-805.13	69.74	-306.44	-28.74
49727	63.11	-2.50	-9.50	-1031.98	429.18	-848.98	54.20	-383.64	-21.14
49728	63.17	-3.10	-9.50	-1014.45	425.57	-851.96	69.12	-383.14	-21.91
49729	64.33	-2.50	-9.50	-924.11	446.00	-885.29	51.82	-440.59	-18.21
49730	64.40	-3.10	-9.50	-908.08	441.07	-887.21	65.64	-438.65	-17.50
49731	65.56	-2.50	-9.50	-823.39	456.52	-910.41	47.95	-477.42	-16.91
49732	65.62	-3.10	-9.50	-809.14	450.84	-911.35	60.53	-474.28	-15.14
49733	66.79	-2.50	-9.50	-728.40	462.68	-925.56	43.39	-495.96	-16.98
49734	66.84	-3.10	-9.50	-716.05	456.61	-925.58	54.69	-491.93	-14.53
49735	68.02	-2.50	-9.50	-638.73	465.80	-931.90	38.72	-498.35	-18.18
49736	68.06	-3.10	-9.50	-628.32	459.59	-931.08	48.77	-493.73	-15.38
49737	69.24	-2.50	-9.50	-554.65	466.77	-930.29	34.32	-486.97	-20.26
49738	69.28	-3.10	-9.50	-546.10	460.56	-928.72	43.23	-482.09	-17.35
49739	70.47	-2.50	-9.50	-476.62	466.12	-921.43	30.44	-464.40	-22.94
49740	70.51	-3.10	-9.50	-469.81	459.99	-919.21	38.35	-459.53	-20.13
49741	71.70	-2.50	-9.50	-405.09	464.15	-905.96	27.21	-433.19	-25.97
49742	71.73	-3.10	-9.50	-399.84	458.15	-903.19	34.25	-428.56	-23.41
49743	72.93	-2.50	-9.50	-340.32	461.01	-884.53	24.66	-395.76	-29.12
49744	72.95	-3.10	-9.50	-336.44	455.16	-881.35	30.98	-391.55	-26.88
49745	74.15	-2.50	-9.50	-282.45	456.73	-857.84	22.77	-354.28	-32.19
49746	74.17	-3.10	-9.50	-279.72	451.02	-854.36	28.51	-350.62	-30.31
49747	75.38	-2.50	-9.50	-231.42	451.29	-826.57	21.48	-310.64	-35.00
49748	75.39	-3.10	-9.50	-229.65	445.73	-822.90	26.75	-307.60	-33.51
49749	76.61	-2.50	-9.50	-187.07	444.65	-791.38	20.69	-266.42	-37.43
49750	76.62	-3.10	-9.50	-186.07	439.24	-787.64	25.59	-264.04	-36.32
49751	77.84	-2.50	-9.50	-149.14	436.76	-752.91	20.30	-222.95	-39.42
49752	77.84	-3.10	-9.50	-148.74	431.50	-749.19	24.91	-221.23	-38.64
49753	59.42	-2.50	-10.50	-1658.07	426.65	-775.40	62.40	10.76	-34.17
49754	59.51	-3.10	-10.50	-1638.70	430.79	-779.48	82.95	5.66	-41.61
49755	60.65	-2.50	-10.50	-1515.04	479.49	-829.05	71.69	-122.44	-25.27
49756	60.73	-3.10	-10.50	-1494.36	479.64	-832.20	93.01	-126.15	-29.75
49757	61.88	-2.50	-10.50	-1384.28	514.22	-872.98	74.83	-232.70	-19.03
49758	61.95	-3.10	-10.50	-1363.59	511.43	-875.13	95.71	-234.69	-21.14
49759	63.11	-2.50	-10.50	-1261.04	536.52	-905.23	73.69	-317.52	-14.81
49760	63.17	-3.10	-10.50	-1241.25	531.81	-906.43	93.49	-317.84	-15.08
49761	64.33	-2.50	-10.50	-1142.65	550.33	-926.09	69.85	-378.00	-12.25
49762	64.40	-3.10	-10.50	-1124.35	544.46	-926.45	88.23	-376.86	-11.13
49763	65.56	-2.50	-10.50	-1027.97	558.32	-936.88	64.51	-416.75	-11.10
49764	65.62	-3.10	-10.50	-1011.51	551.82	-936.49	81.31	-414.42	-9.00
49765	66.79	-2.50	-10.50	-916.89	562.31	-939.08	58.52	-436.73	-11.16
49766	66.84	-3.10	-10.50	-902.46	555.53	-938.05	73.72	-433.52	-8.42
49767	68.02	-2.50	-10.50	-810.00	563.51	-934.03	52.50	-440.85	-12.21
49768	68.06	-3.10	-10.50	-797.67	556.68	-932.42	66.15	-437.06	-9.12
49769	69.24	-2.50	-10.50	-708.26	562.73	-922.74	46.85	-431.91	-14.03
49770	69.28	-3.10	-10.50	-697.97	555.96	-920.61	59.05	-427.82	-10.82
49771	70.47	-2.50	-10.50	-612.66	560.42	-905.96	41.82	-412.55	-16.39
49772	70.51	-3.10	-10.50	-604.31	553.79	-903.39	52.71	-408.43	-13.24
49773	71.70	-2.50	-10.50	-524.06	556.83	-884.31	37.54	-385.27	-19.06
49774	71.73	-3.10	-10.50	-517.48	550.37	-881.39	47.28	-381.31	-16.11
49775	72.93	-2.50	-10.50	-443.09	552.07	-858.37	34.05	-352.31	-21.86
49776	72.95	-3.10	-10.50	-438.09	545.79	-855.18	42.80	-348.69	-19.18
49777	74.15	-2.50	-10.50	-370.13	546.15	-828.66	31.32	-315.68	-24.60
49778	74.17	-3.10	-10.50	-366.49	540.04	-825.29	39.24	-312.50	-22.24
49779	75.38	-2.50	-10.50	-305.32	539.04	-795.69	29.30	-277.08	-27.13
49780	75.39	-3.10	-10.50	-302.83	533.10	-792.22	36.52	-274.42	-25.12
49781	76.61	-2.50	-10.50	-248.60	530.69	-759.96	27.89	-237.95	-29.36
49782	76.62	-3.10	-10.50	-247.05	524.92	-756.47	34.53	-235.84	-27.69
49783	77.84	-2.50	-10.50	-199.74	521.04	-721.91	26.99	-199.48	-31.21
49784	77.84	-3.10	-10.50	-198.93	515.44	-718.47	33.15	-197.93	-29.85
49785	58.39	-2.50	-9.50	-1618.66	211.35	-631.11	24.26	42.87	-61.80
49786	57.54	-2.50	-9.50	-1873.72	58.64	-634.90	-0.69	164.34	-94.77
49787	56.70	-2.50	-9.50	-2214.92	-137.53	-771.06	-27.02	193.80	-147.14
49788	55.85	-2.50	-9.50	-2724.87	-336.60	-1334.18	-66.26	28.55	-208.09
49789	55.01	-2.50	-9.50	-3304.51	-494.04	-2499.31	-155.96	215.69	-13.28
49790	58.47	-3.10	-9.50	-1604.32	221.26	-636.38	36.03	38.81	-75.02
49791	57.62	-3.10	-9.50	-1864.17	69.72	-637.79	6.33	161.56	-116.07
49792	56.77	-3.10	-9.50	-2206.49	-133.00	-769.69	-13.52	190.76	-186.25
49793	55.93	-3.10	-9.50	-2721.19	-330.16	-1317.86	19.41	20.01	-306.87
49794	55.08	-3.10	-9.50	-3330.60	-490.14	-2477.15	235.74	219.74	-450.97
49795	58.39	-2.50	-10.50	-1845.21	333.62	-714.33	43.18	176.14	-48.84
49796	57.54	-2.50	-10.50	-2112.83	177.19	-677.46	10.43	353.73	-76.55
49797	56.70	-2.50	-10.50	-2518.82	-45.34	-733.10	-31.65	502.59	-119.05



Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
49798	55.85	-2.50	-10.50	-3347.27	-350.26	-998.81	-95.24	571.19	-177.08
49799	55.01	-2.50	-10.50	-5191.15	-860.41	-2944.47	-122.37	782.29	-173.29
49800	58.47	-3.10	-10.50	-1829.52	342.36	-718.60	60.45	170.89	-60.48
49801	57.62	-3.10	-10.50	-2102.58	187.43	-680.45	21.17	350.24	-95.36
49802	56.77	-3.10	-10.50	-2511.86	-39.94	-731.19	-21.12	499.67	-152.65
49803	55.93	-3.10	-10.50	-3343.19	-356.52	-984.88	-48.50	568.37	-271.30
49804	55.08	-3.10	-10.50	-5198.68	-864.49	-2913.96	23.41	785.52	-433.09
49805	97.23	-3.96	-9.50	-21.24	167.74	-41.85	22.70	-5.65	-16.23
49806	96.02	-3.96	-9.50	-22.16	187.81	-76.25	24.78	4.23	-19.54
49807	94.81	-3.96	-9.50	-22.06	207.88	-114.44	26.43	13.37	-22.94
49808	93.60	-3.96	-9.50	-21.30	227.80	-155.68	27.70	20.51	-26.22
49809	92.39	-3.96	-9.50	-20.34	247.43	-199.12	28.63	24.81	-29.26
49810	91.18	-3.96	-9.50	-19.62	266.65	-244.02	29.30	25.79	-32.03
49811	89.96	-3.96	-9.50	-19.51	285.32	-289.87	29.77	23.18	-34.53
49812	88.75	-3.96	-9.50	-20.39	303.35	-336.35	30.09	16.79	-36.75
49813	87.54	-3.96	-9.50	-22.63	320.64	-383.22	30.28	6.46	-38.69
49814	86.33	-3.96	-9.50	-26.68	337.11	-430.29	30.37	-7.92	-40.29
49815	85.12	-3.95	-9.50	-33.01	352.68	-477.36	30.38	-26.44	-41.50
49816	83.90	-3.95	-9.50	-42.12	367.26	-524.20	30.33	-49.11	-42.27
49817	82.69	-3.95	-9.50	-54.53	380.77	-570.55	30.26	-75.87	-42.52
49818	81.48	-3.95	-9.50	-70.77	393.16	-616.11	30.24	-106.53	-42.22
49819	80.27	-3.95	-9.50	-91.34	404.37	-660.53	30.32	-140.79	-41.30
49820	79.06	-3.95	-9.50	-116.74	414.34	-703.42	30.62	-178.20	-39.77
49821	96.98	-5.08	-9.50	-20.30	165.73	-45.60	26.31	-6.13	-18.76
49822	95.78	-5.08	-9.50	-21.05	185.03	-80.03	28.76	3.38	-21.80
49823	94.59	-5.08	-9.50	-20.90	204.32	-118.03	30.77	12.05	-24.98
49824	93.39	-5.08	-9.50	-20.20	223.47	-158.87	32.35	18.69	-28.08
49825	92.20	-5.07	-9.50	-19.39	242.35	-201.73	33.56	22.53	-30.96
49826	91.00	-5.07	-9.50	-18.87	260.81	-245.97	34.47	23.12	-33.59
49827	89.81	-5.07	-9.50	-19.01	278.74	-291.10	35.17	20.23	-35.96
49828	88.61	-5.07	-9.50	-20.14	296.04	-336.82	35.70	13.71	-38.07
49829	87.42	-5.07	-9.50	-22.64	312.63	-382.89	36.09	3.44	-39.89
49830	86.22	-5.06	-9.50	-26.91	328.42	-429.15	36.38	-10.69	-41.36
49831	85.03	-5.06	-9.50	-33.39	343.34	-475.39	36.59	-28.75	-42.43
49832	83.83	-5.06	-9.50	-42.54	357.32	-521.42	36.74	-50.75	-43.01
49833	82.63	-5.06	-9.50	-54.84	370.28	-567.01	36.89	-76.61	-43.04
49834	81.44	-5.06	-9.50	-70.77	382.15	-611.87	37.10	-106.16	-42.46
49835	80.24	-5.05	-9.50	-90.78	392.88	-655.69	37.45	-139.12	-41.23
49836	79.05	-5.05	-9.50	-115.31	402.41	-698.11	38.05	-175.05	-39.32
49837	96.66	-6.18	-9.50	-19.08	163.94	-52.14	29.80	-5.88	-21.86
49838	95.49	-6.18	-9.50	-19.57	182.36	-86.72	32.52	3.19	-24.67
49839	94.31	-6.18	-9.50	-19.31	200.75	-124.56	34.78	11.26	-27.67
49840	93.14	-6.18	-9.50	-18.65	219.00	-164.94	36.60	17.25	-30.58
49841	91.96	-6.17	-9.50	-17.98	236.97	-207.15	38.02	20.48	-33.28
49842	90.79	-6.17	-9.50	-17.67	254.53	-250.60	39.15	20.54	-35.73
49843	89.61	-6.17	-9.50	-18.06	271.59	-294.87	40.05	17.27	-37.94
49844	88.44	-6.17	-9.50	-19.46	288.05	-339.66	40.78	10.55	-39.91
49845	87.26	-6.17	-9.50	-22.21	303.82	-384.79	41.38	0.30	-41.59
49846	86.09	-6.16	-9.50	-26.70	318.83	-430.07	41.87	-13.59	-42.92
49847	84.91	-6.16	-9.50	-33.32	333.01	-475.33	42.29	-31.14	-43.82
49848	83.74	-6.16	-9.50	-42.49	346.30	-520.40	42.65	-52.39	-44.23
49849	82.56	-6.16	-9.50	-54.63	358.61	-565.07	43.02	-77.24	-44.06
49850	81.39	-6.16	-9.50	-70.16	369.88	-609.10	43.47	-105.53	-43.25
49851	80.21	-6.15	-9.50	-89.48	380.05	-652.21	44.08	-137.00	-41.77
49852	79.04	-6.15	-9.50	-112.97	389.08	-694.08	44.98	-171.24	-39.59
49853	96.28	-7.26	-9.50	-17.57	162.39	-61.42	33.19	-5.01	-25.69
49854	95.13	-7.26	-9.50	-17.78	179.84	-96.23	36.07	3.52	-28.38
49855	93.98	-7.26	-9.50	-17.37	197.24	-133.93	38.46	10.91	-31.25
49856	92.83	-7.26	-9.50	-16.71	214.46	-173.85	40.42	16.17	-33.99
49857	91.68	-7.26	-9.50	-16.16	231.40	-215.35	42.00	18.67	-36.48
49858	90.53	-7.26	-9.50	-16.06	247.96	-257.93	43.30	18.09	-38.73
49859	89.38	-7.26	-9.50	-16.69	264.05	-301.24	44.38	14.35	-40.77
49860	88.23	-7.26	-9.50	-18.36	279.56	-345.02	45.29	7.37	-42.57
49861	87.08	-7.26	-9.50	-21.38	294.42	-389.09	46.08	-2.90	-44.08
49862	85.93	-7.26	-9.50	-26.09	308.56	-433.28	46.78	-16.53	-45.26
49863	84.78	-7.26	-9.50	-32.84	321.92	-477.45	47.40	-33.55	-46.00
49864	83.63	-7.25	-9.50	-41.99	334.43	-521.44	47.99	-53.98	-46.24
49865	82.48	-7.25	-9.50	-53.90	346.01	-565.08	48.58	-77.73	-45.90
49866	81.33	-7.25	-9.50	-68.94	356.61	-608.17	49.27	-104.65	-44.94
49867	80.18	-7.25	-9.50	-87.44	366.16	-650.48	50.15	-134.48	-43.29
49868	79.03	-7.25	-9.50	-109.72	374.62	-691.73	51.34	-166.86	-40.95
49869	97.23	-3.96	-10.50	-24.24	223.73	-47.81	29.47	-7.68	-12.63
49870	96.02	-3.96	-10.50	-25.61	245.07	-82.59	31.58	0.89	-15.24
49871	94.81	-3.96	-10.50	-26.06	266.48	-119.94	33.31	8.92	-17.93
49872	93.60	-3.96	-10.50	-25.84	287.85	-159.44	34.66	15.31	-20.53
49873	92.39	-3.96	-10.50	-25.37	309.05	-200.58	35.66	19.28	-22.96
49874	91.18	-3.96	-10.50	-25.12	329.93	-242.87	36.37	20.35	-25.18
49875	89.96	-3.96	-10.50	-25.61	350.35	-285.91	36.88	18.23	-27.19
49876	88.75	-3.96	-10.50	-27.35	370.19	-329.43	37.23	12.70	-28.97
49877	87.54	-3.96	-10.50	-30.88	389.33	-373.24	37.48	3.65	-30.48
49878	86.33	-3.96	-10.50	-36.79	407.68	-417.18	37.68	-9.03	-31.71
49879	85.12	-3.95	-10.50	-45.68	425.14	-461.11	37.85	-25.40	-32.58
49880	83.90	-3.95	-10.50	-58.18	441.62	-504.87	38.04	-45.46	-33.05
49881	82.69	-3.95	-10.50	-74.93	457.04	-548.30	38.30	-69.13	-33.07
49882	81.48	-3.95	-10.50	-96.58	471.30	-591.17	38.69	-96.27	-32.60
49883	80.27	-3.95	-10.50	-123.72	484.35	-633.26	39.32	-126.60	-31.60
49884	79.06	-3.95	-10.50	-156.92	496.12	-674.27	40.27	-159.74	-30.07
49885	96.98	-5.08	-10.50	-23.33	221.22	-51.14	34.25	-8.05	-14.77
49886	95.78	-5.08	-10.50	-24.59	241.87	-85.79	36.70	0.27	-17.04
49887	94.59	-5.08	-10.50	-25.02	262.57	-122.85	38.77	7.95	-19.43
49888	93.39	-5.08	-10.50	-24.87	283.23	-161.92	40.44	13.94	-21.76
49889	92.20	-5.07	-10.50	-24.54	303.71	-202.51	41.73	17.53	-23.95
49890	91.00	-5.07	-10.50	-24.48	323.87	-244.18	42.72	18.27	-25.96
49891	89.81	-5.07	-10.50	-25.19	343.56	-286.58	43.50	15.90	-27.78
49892	88.61	-5.07	-10.50	-27.15	362.67	-329.43	44.13	10.27	-29.40
49893	87.42	-5.07	-10.50	-30.89	381.10	-372.55	44.67	1.26	-30.77
49894	86.22	-5.06	-10.50	-36.96	398.76	-415.79	45.18	-11.19	-31.84
49895	85.03	-5.06	-10.50	-45.92	415.58	-459.01	45.67	-27.15	-32.54
49896	83.83	-5.06	-10.50	-58.36	431.45	-502.08	46.21	-46.62	-32.81

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
49897	82.63	-5.06	-10.50	-74.86	446.29	-544.84	46.84	-69.52	-32.59
49898	81.44	-5.06	-10.50	-95.99	460.01	-587.09	47.64	-95.70	-31.85
49899	80.24	-5.05	-10.50	-122.33	472.55	-628.63	48.73	-124.92	-30.54
49900	79.05	-5.05	-10.50	-154.37	483.85	-669.20	50.23	-156.80	-28.66
49901	96.66	-6.18	-10.50	-22.12	218.98	-57.02	38.92	-7.76	-17.46
49902	95.49	-6.18	-10.50	-23.19	238.84	-91.59	41.63	0.25	-19.46
49903	94.31	-6.18	-10.50	-23.53	258.72	-128.35	43.97	7.47	-21.60
49904	93.14	-6.18	-10.50	-23.40	278.54	-166.89	45.89	12.96	-23.68
49905	91.96	-6.17	-10.50	-23.18	298.17	-206.82	47.42	16.04	-25.62
49906	90.79	-6.17	-10.50	-23.30	317.47	-247.75	48.66	16.32	-27.40
49907	89.61	-6.17	-10.50	-24.21	336.32	-289.36	49.68	13.61	-29.03
49908	88.44	-6.17	-10.50	-26.38	354.59	-331.42	50.58	7.80	-30.48
49909	87.26	-6.17	-10.50	-30.32	372.21	-373.72	51.41	-1.18	-31.70
49910	86.09	-6.16	-10.50	-36.54	389.09	-416.13	52.22	-13.40	-32.61
49911	84.91	-6.16	-10.50	-45.55	405.15	-458.51	53.04	-28.92	-33.14
49912	83.74	-6.16	-10.50	-57.87	420.31	-500.75	53.91	-47.73	-33.22
49913	82.56	-6.16	-10.50	-74.03	434.48	-542.70	54.91	-69.76	-32.80
49914	81.39	-6.16	-10.50	-94.54	447.58	-584.21	56.11	-94.86	-31.84
49915	80.21	-6.15	-10.50	-119.89	459.52	-625.09	57.64	-122.80	-30.29
49916	79.04	-6.15	-10.50	-150.52	470.25	-665.13	59.63	-153.25	-28.16
49917	96.28	-7.26	-10.50	-20.61	217.04	-65.48	43.52	-6.94	-20.84
49918	95.13	-7.26	-10.50	-21.44	236.01	-99.99	46.42	0.69	-22.70
49919	93.98	-7.26	-10.50	-21.63	254.99	-136.39	48.91	7.41	-24.68
49920	92.83	-7.26	-10.50	-21.49	273.84	-174.35	51.01	12.32	-26.55
49921	91.68	-7.26	-10.50	-21.36	292.50	-213.53	52.73	14.79	-28.25
49922	90.53	-7.26	-10.50	-21.62	310.84	-253.63	54.17	14.51	-29.81
49923	89.38	-7.26	-10.50	-22.71	328.74	-294.39	55.42	11.39	-31.25
49924	88.23	-7.26	-10.50	-25.09	346.09	-335.56	56.56	5.37	-32.54
49925	87.08	-7.26	-10.50	-29.23	362.80	-376.96	57.67	-3.61	-33.60
49926	85.93	-7.26	-10.50	-35.58	378.81	-418.44	58.78	-15.60	-34.35
49927	84.78	-7.26	-10.50	-44.61	394.05	-459.88	59.90	-30.65	-34.72
49928	83.63	-7.25	-10.50	-56.76	408.42	-501.17	61.10	-48.74	-34.64
49929	82.48	-7.25	-10.50	-72.49	421.84	-542.22	62.44	-69.82	-34.06
49930	81.33	-7.25	-10.50	-92.24	434.21	-582.88	64.02	-93.75	-32.94
49931	80.18	-7.25	-10.50	-116.42	445.48	-623.02	65.96	-120.30	-31.26
49932	79.03	-7.25	-10.50	-145.44	455.58	-662.45	68.39	-149.17	-28.99
49933	101.69	-3.96	-9.50	-0.98	44.80	96.63	6.19	-7.74	-10.82
49934	100.83	-3.96	-9.50	-5.23	69.43	74.14	9.24	-17.65	-9.30
49935	99.98	-3.96	-9.50	-10.04	94.38	51.23	12.75	-23.17	-9.08
49936	99.12	-3.96	-9.50	-14.70	119.54	24.40	16.37	-22.52	-10.28
49937	98.27	-3.96	-9.50	-18.72	144.97	-7.94	19.89	-15.54	-12.89
49938	101.47	-5.07	-9.50	-0.58	44.00	96.65	7.46	-9.68	-18.37
49939	100.60	-5.07	-9.50	-4.90	68.64	73.68	10.84	-19.36	-15.32
49940	99.74	-5.08	-9.50	-9.74	93.48	50.11	14.77	-24.46	-13.75
49941	98.87	-5.08	-9.50	-14.28	118.42	22.41	18.91	-23.33	-13.92
49942	98.01	-5.08	-9.50	-18.04	143.53	-11.02	23.01	-15.98	-15.83
49943	101.20	-6.17	-9.50	-0.15	43.38	95.95	8.75	-12.19	-25.83
49944	100.32	-6.18	-9.50	-4.59	68.09	72.21	12.50	-21.27	-21.29
49945	99.44	-6.18	-9.50	-9.45	92.88	47.59	16.85	-25.59	-18.54
49946	98.57	-6.18	-9.50	-13.79	117.62	18.55	21.46	-23.63	-17.86
49947	97.69	-6.18	-9.50	-17.18	142.37	-16.53	26.09	-15.70	-19.23
49948	100.87	-7.26	-9.50	0.40	42.92	94.51	10.10	-15.17	-33.12
49949	99.98	-7.26	-9.50	-4.34	67.78	69.67	14.30	-23.49	-27.21
49950	99.09	-7.26	-9.50	-9.12	92.63	43.66	18.98	-26.57	-23.58
49951	98.20	-7.26	-9.50	-13.17	117.08	12.79	24.08	-23.48	-22.21
49952	97.31	-7.26	-9.50	-16.11	141.49	-24.45	29.18	-14.79	-23.22
49953	101.69	-3.96	-10.50	-1.26	88.58	110.08	12.50	-6.44	-9.04
49954	100.83	-3.96	-10.50	-7.07	116.84	84.68	15.90	-15.87	-7.61
49955	99.98	-3.96	-10.50	-12.51	144.72	57.07	19.58	-22.05	-7.19
49956	99.12	-3.96	-10.50	-17.28	172.17	24.97	23.20	-22.10	-8.00
49957	98.27	-3.96	-10.50	-21.45	199.47	-11.66	26.68	-16.20	-10.01
49958	101.47	-5.07	-10.50	-0.34	86.86	110.16	15.36	-8.20	-16.03
49959	100.60	-5.07	-10.50	-6.27	115.19	84.21	19.07	-17.43	-13.19
49960	99.74	-5.08	-10.50	-11.84	143.02	55.93	23.07	-23.20	-11.47
49961	98.87	-5.08	-10.50	-16.64	170.36	23.04	27.09	-22.82	-11.29
49962	98.01	-5.08	-10.50	-20.69	197.43	-14.51	31.04	-16.57	-12.60
49963	101.20	-6.17	-10.50	0.74	85.16	109.35	18.16	-10.50	-22.98
49964	100.32	-6.18	-10.50	-5.40	113.62	82.59	22.21	-19.19	-18.76
49965	99.44	-6.18	-10.50	-11.11	141.52	53.31	26.55	-24.25	-15.92
49966	98.57	-6.18	-10.50	-15.86	168.79	19.25	30.95	-23.11	-14.90
49967	97.69	-6.18	-10.50	-19.72	195.68	-19.66	35.35	-16.32	-15.63
49968	100.87	-7.26	-10.50	2.03	83.49	107.59	20.92	-13.25	-29.78
49969	99.98	-7.26	-10.50	-4.48	112.21	79.74	25.40	-21.26	-24.30
49970	99.09	-7.26	-10.50	-10.25	140.30	49.16	30.00	-25.18	-20.61
49971	98.20	-7.26	-10.50	-14.91	167.47	13.52	34.82	-23.02	-18.90
49972	97.31	-7.26	-10.50	-18.52	194.24	-27.17	39.65	-15.53	-19.22
49973	77.87	-7.25	-9.50	-136.01	381.92	-731.63	52.99	-201.31	-37.93
49974	77.86	-6.15	-9.50	-140.92	396.89	-734.36	46.32	-207.72	-36.72
49975	77.85	-5.05	-9.50	-144.74	410.71	-738.73	39.05	-213.39	-36.74
49976	77.84	-3.95	-9.50	-147.39	423.06	-744.31	31.24	-218.16	-37.60
49977	76.72	-7.25	-9.50	-166.54	388.05	-769.82	55.25	-237.23	-34.31
49978	76.69	-6.15	-9.50	-173.62	403.47	-772.64	48.26	-245.77	-33.22
49979	76.66	-5.05	-9.50	-179.37	417.74	-777.08	40.59	-253.37	-33.54
49980	76.63	-3.95	-9.50	-183.66	430.52	-782.72	32.31	-259.84	-34.84
49981	75.57	-7.25	-9.50	-201.43	393.01	-805.89	58.33	-273.85	-30.18
49982	75.51	-6.16	-9.50	-211.25	408.85	-808.47	50.97	-284.52	-29.16
49983	75.46	-5.06	-9.50	-219.46	423.55	-812.68	42.82	-294.09	-29.78
49984	75.42	-3.95	-9.50	-225.87	436.74	-818.12	33.97	-302.26	-31.57
49985	74.42	-7.25	-9.50	-240.73	396.81	-839.40	62.39	-310.24	-25.69
49986	74.34	-6.16	-9.50	-253.93	413.03	-841.36	54.61	-322.97	-24.72
49987	74.27	-5.06	-9.50	-265.20	428.17	-844.97	45.91	-334.40	-25.62
49988	74.21	-3.95	-9.50	-274.23	441.76	-849.90	36.35	-344.20	-27.89
49989	73.27	-7.25	-9.50	-284.44	399.45	-869.82	67.64	-345.33	-21.09
49990	73.16	-6.16	-9.50	-301.70	416.06	-870.72	59.39	-359.88	-20.12
49991	73.07	-5.06	-9.50	-316.66	431.61	-873.34	50.01	-372.96	-21.26
49992	73.00	-3.95	-9.50	-328.87	445.62	-877.44	39.60	-384.18	-23.99
49993	72.12	-7.26	-9.50	-332.46	400.95	-896.54	74.24	-377.86	-16.69
49994	71.99	-6.16	-9.50	-354.51	417.94	-895.93	65.45	-393.81	-15.66
49995	71.87	-5.06	-9.50	-373.84	433.92	-897.15	55.27	-408.15	-16.99

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
49996	71.78	-3.95	-9.50	-389.82	448.35	-900.05	43.80	-420.46	-20.10
49997	70.97	-7.26	-9.50	-384.67	401.32	-918.89	82.37	-406.34	-12.93
49998	70.81	-6.16	-9.50	-412.27	418.70	-916.30	72.94	-423.08	-11.76
49999	70.68	-5.06	-9.50	-436.66	435.11	-915.71	61.78	-438.11	-13.17
50000	70.57	-3.96	-9.50	-456.97	449.93	-917.05	49.03	-451.03	-16.54
50001	69.82	-7.26	-9.50	-440.87	400.57	-936.08	92.09	-429.13	-10.34
50002	69.64	-6.17	-9.50	-474.79	418.33	-931.10	81.89	-445.81	-8.91
50003	69.48	-5.07	-9.50	-504.91	435.14	-928.30	69.54	-460.75	-10.24
50004	69.36	-3.96	-9.50	-530.11	450.30	-927.77	55.26	-473.61	-13.65
50005	68.67	-7.26	-9.50	-500.92	398.69	-947.25	103.41	-444.37	-9.57
50006	68.46	-6.17	-9.50	-541.89	416.78	-939.53	92.24	-459.89	-7.72
50007	68.29	-5.07	-9.50	-578.35	433.89	-934.20	78.45	-473.80	-8.69
50008	68.15	-3.96	-9.50	-608.90	449.25	-931.51	62.35	-485.79	-11.83
50009	67.52	-7.26	-9.50	-564.79	395.53	-951.42	116.12	-450.00	-11.38
50010	67.29	-6.17	-9.50	-613.47	413.88	-940.70	103.76	-463.12	-8.81
50011	67.09	-5.07	-9.50	-656.79	431.11	-932.61	88.21	-474.87	-9.07
50012	66.94	-3.96	-9.50	-693.04	446.41	-927.55	69.99	-485.08	-11.50
50013	66.37	-7.26	-9.50	-632.67	390.91	-947.44	129.95	-443.86	-16.47
50014	66.11	-6.17	-9.50	-689.72	409.35	-933.59	116.04	-453.21	-12.84
50015	65.90	-5.07	-9.50	-740.33	426.35	-922.58	98.37	-461.65	-11.90
50016	65.72	-3.96	-9.50	-782.49	441.14	-914.98	77.72	-469.14	-13.06
50017	65.22	-7.26	-9.50	-705.41	384.57	-934.12	144.41	-423.63	-25.52
50018	64.94	-6.17	-9.50	-771.46	402.71	-917.04	128.48	-427.89	-20.35
50019	64.70	-5.07	-9.50	-829.74	418.91	-902.96	108.22	-431.91	-17.65
50020	64.51	-3.96	-9.50	-877.89	432.46	-892.64	84.80	-435.77	-16.91
50021	64.07	-7.26	-9.50	-784.50	375.95	-910.37	158.85	-386.86	-38.99
50022	63.76	-6.18	-9.50	-860.47	393.26	-889.91	140.33	-384.93	-31.86
50023	63.51	-5.08	-9.50	-926.90	407.74	-872.56	116.84	-383.56	-26.78
50024	63.30	-3.96	-9.50	-981.00	418.90	-859.32	90.28	-383.00	-23.40
50025	62.92	-7.26	-9.50	-872.42	364.45	-875.79	172.96	-331.40	-57.42
50026	62.59	-6.18	-9.50	-959.88	380.06	-851.71	150.76	-322.34	-47.95
50027	62.31	-5.08	-9.50	-1035.07	391.33	-830.84	123.05	-314.85	-39.82
50028	62.09	-3.96	-9.50	-1094.86	398.37	-814.50	92.83	-309.35	-32.98
50029	61.77	-7.26	-9.50	-973.27	349.64	-831.52	186.46	-255.74	-81.85
50030	61.41	-6.18	-9.50	-1074.39	361.81	-803.64	158.66	-238.99	-69.51
50031	61.12	-5.08	-9.50	-1159.00	367.46	-779.17	125.17	-225.24	-57.58
50032	60.88	-3.96	-9.50	-1223.75	367.71	-759.82	90.67	-214.80	-46.34
50033	60.62	-7.26	-9.50	-1092.72	330.57	-781.27	198.65	-159.87	-113.75
50034	60.24	-6.18	-9.50	-1210.30	336.49	-749.93	162.31	-136.21	-98.08
50035	59.92	-5.08	-9.50	-1304.57	332.49	-722.51	120.71	-117.17	-81.39
50036	59.67	-3.96	-9.50	-1372.49	322.12	-700.98	81.43	-102.86	-64.69
50037	77.87	-7.25	-10.50	-179.58	464.42	-700.95	71.49	-179.92	-26.19
50038	77.86	-6.15	-10.50	-186.82	479.70	-704.06	62.25	-185.71	-25.46
50039	77.85	-5.05	-10.50	-192.57	493.85	-708.52	52.28	-190.83	-26.22
50040	77.84	-3.95	-10.50	-196.72	506.60	-713.91	41.69	-195.16	-28.01
50041	76.72	-7.25	-10.50	-219.12	471.99	-738.28	75.43	-212.04	-22.91
50042	76.69	-6.15	-10.50	-229.09	487.84	-741.62	65.68	-219.61	-22.25
50043	76.66	-5.05	-10.50	-237.28	502.53	-746.26	55.07	-226.36	-23.26
50044	76.63	-3.95	-10.50	-243.50	515.76	-751.81	43.72	-232.11	-25.45
50045	75.57	-7.25	-10.50	-264.18	478.27	-774.16	80.40	-244.85	-19.25
50046	75.51	-6.16	-10.50	-277.55	494.68	-777.48	70.08	-254.18	-18.62
50047	75.46	-5.06	-10.50	-288.78	509.92	-782.09	58.73	-262.55	-19.86
50048	75.42	-3.95	-10.50	-297.59	523.63	-787.59	46.48	-269.73	-22.46
50049	74.42	-7.25	-10.50	-314.84	483.26	-808.24	86.59	-277.51	-15.38
50050	74.34	-6.16	-10.50	-332.30	500.24	-811.28	75.64	-288.50	-14.72
50051	74.27	-5.06	-10.50	-347.23	516.03	-815.58	63.44	-298.40	-16.15
50052	74.21	-3.95	-10.50	-359.20	530.25	-820.82	50.13	-306.92	-19.16
50053	73.27	-7.25	-10.50	-371.02	486.96	-840.13	94.18	-309.05	-11.49
50054	73.16	-6.16	-10.50	-393.32	504.54	-842.58	82.54	-321.47	-10.74
50055	73.07	-5.06	-10.50	-412.62	520.92	-846.31	69.35	-332.68	-12.33
50056	73.00	-3.95	-10.50	-428.35	535.66	-851.04	54.79	-342.34	-15.70
50057	72.12	-7.26	-10.50	-432.54	489.38	-869.38	103.37	-338.29	-7.88
50058	71.99	-6.16	-10.50	-460.43	507.60	-870.92	90.94	-351.75	-6.98
50059	71.87	-5.06	-10.50	-484.82	524.60	-873.77	76.60	-363.91	-8.64
50060	71.78	-3.95	-10.50	-504.91	539.89	-877.75	60.57	-374.40	-12.30
50061	70.97	-7.26	-10.50	-499.09	490.53	-895.44	114.27	-363.86	-4.92
50062	70.81	-6.16	-10.50	-533.34	509.45	-895.75	100.95	-377.79	-3.78
50063	70.68	-5.06	-10.50	-563.50	527.11	-897.43	85.27	-390.37	-5.41
50064	70.57	-3.96	-10.50	-588.54	542.97	-900.40	67.51	-401.25	-9.21
50065	69.82	-7.26	-10.50	-570.24	490.44	-917.65	126.96	-384.16	-3.07
50066	69.64	-6.17	-10.50	-611.60	510.11	-916.45	112.60	-397.79	-1.57
50067	69.48	-5.07	-10.50	-648.18	528.44	-916.70	95.36	-410.09	-3.00
50068	69.36	-3.96	-10.50	-678.68	544.83	-918.43	75.59	-420.76	-6.74
50069	68.67	-7.26	-10.50	-645.56	489.10	-935.27	141.41	-397.34	-2.88
50070	68.46	-6.17	-10.50	-694.68	509.53	-932.31	125.80	-409.69	-0.86
50071	68.29	-5.07	-10.50	-738.23	528.49	-930.89	106.72	-420.84	-1.84
50072	68.15	-3.96	-10.50	-774.61	545.33	-931.17	84.65	-430.57	-5.24
50073	67.52	-7.26	-10.50	-724.55	486.39	-947.39	157.39	-401.27	-4.95
50074	67.29	-6.17	-10.50	-782.02	507.58	-942.47	140.30	-411.19	-2.17
50075	67.09	-5.07	-10.50	-832.98	527.06	-939.20	119.08	-420.18	-2.39
50076	66.94	-3.96	-10.50	-875.52	544.14	-937.86	94.39	-428.13	-5.05
50077	66.37	-7.26	-10.50	-806.86	482.14	-952.96	174.64	-393.52	-9.89
50078	66.11	-6.17	-10.50	-873.21	504.02	-945.92	155.71	-399.74	-6.06
50079	65.90	-5.07	-10.50	-931.89	523.77	-940.62	131.94	-405.46	-5.10
50080	65.72	-3.96	-10.50	-980.70	540.72	-937.48	104.31	-410.71	-6.55
50081	65.22	-7.26	-10.50	-892.52	476.19	-950.88	192.69	-371.38	-18.33
50082	64.94	-6.17	-10.50	-968.22	498.47	-941.51	171.41	-372.52	-13.06
50083	64.70	-5.07	-10.50	-1034.86	518.01	-933.94	144.60	-373.80	-10.43
50084	64.51	-3.96	-10.50	-1089.87	534.17	-928.77	113.66	-375.41	-10.07
50085	64.07	-7.26	-10.50	-981.95	468.04	-940.12	210.86	-331.84	-30.79
50086	63.76	-6.18	-10.50	-1067.68	490.29	-928.04	186.61	-326.54	-23.72
50087	63.51	-5.08	-10.50	-1142.55	508.83	-917.82	156.08	-322.19	-18.85
50088	63.30	-3.96	-10.50	-1203.52	523.17	-910.30	121.39	-319.21	-15.97
50089	62.92	-7.26	-10.50	-1076.40	457.15	-919.93	228.74	-272.04	-48.03
50090	62.59	-6.18	-10.50	-1173.47	478.66	-904.52	200.36	-258.82	-38.77
50091	62.31	-5.08	-10.50	-1256.91	494.83	-891.10	165.01	-247.68	-30.92
50092	62.09	-3.96	-10.50	-1323.35	505.67	-880.79	126.01	-239.32	-24.67
50093	61.77	-7.26	-10.50	-1179.00	443.13	-890.28	245.73	-189.62	-71.43
50094	61.41	-6.18	-10.50	-1289.33	462.28	-870.69	211.19	-167.04	-59.26

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
50095	61.12	-5.08	-10.50	-1381.81	473.79	-853.36	169.38	-148.31	-47.46
50096	60.88	-3.96	-10.50	-1452.80	478.56	-839.85	125.41	-134.17	-36.72
50097	60.62	-7.26	-10.50	-1295.16	424.84	-852.33	260.62	-83.24	-102.71
50098	60.24	-6.18	-10.50	-1421.70	439.04	-827.62	216.84	-50.83	-86.73
50099	59.92	-5.08	-10.50	-1523.71	441.92	-805.88	166.11	-24.59	-69.57
50100	59.67	-3.96	-10.50	-1597.67	436.80	-789.00	116.62	-5.23	-53.00
50101	58.63	-3.96	-9.50	-1572.47	240.02	-647.88	59.49	30.84	-93.78
50102	57.78	-3.96	-9.50	-1841.92	92.25	-646.51	20.89	157.79	-145.01
50103	56.92	-3.96	-9.50	-2177.59	-129.79	-765.43	-5.03	185.42	-230.67
50104	56.07	-3.96	-9.50	-2612.75	-411.19	-1313.33	92.68	-25.60	-424.34
50105	55.21	-3.96	-9.50	-2900.81	-659.55	-2051.08	433.71	-265.14	-707.04
50106	58.89	-5.08	-9.50	-1509.37	267.91	-668.25	102.55	17.51	-118.45
50107	58.03	-5.08	-9.50	-1798.59	138.23	-660.77	54.53	154.42	-180.49
50108	57.16	-5.08	-9.50	-2145.51	-104.38	-770.93	-9.09	194.15	-275.00
50109	56.30	-5.07	-9.50	-2485.05	-507.25	-1283.46	27.88	-76.96	-475.19
50110	55.43	-5.07	-9.50	-2557.33	-754.26	-1714.48	213.88	-676.74	-577.40
50111	59.21	-6.18	-9.50	-1410.68	290.79	-695.22	157.03	-0.64	-142.75
50112	58.33	-6.18	-9.50	-1715.98	198.77	-679.50	121.63	151.47	-215.54
50113	57.46	-6.18	-9.50	-2120.73	-11.63	-776.42	19.46	226.22	-317.08
50114	56.58	-6.18	-9.50	-2523.66	-472.27	-1281.27	-103.55	-7.28	-454.94
50115	55.70	-6.17	-9.50	-2653.68	-792.52	-1693.14	-9.87	-637.21	-425.92
50116	59.59	-7.26	-9.50	-1274.19	298.83	-726.88	210.88	-25.63	-165.62
50117	58.70	-7.26	-9.50	-1567.01	241.38	-703.93	211.04	142.76	-249.82
50118	57.81	-7.26	-9.50	-2015.97	126.94	-772.90	150.18	265.38	-366.51
50119	56.92	-7.26	-9.50	-2653.39	-268.29	-1277.12	-61.89	175.55	-511.97
50120	56.03	-7.26	-9.50	-3193.53	-793.06	-1966.57	-222.01	-113.83	-269.30
50121	58.63	-3.96	-10.50	-1794.04	358.27	-729.05	92.48	159.87	-78.19
50122	57.78	-3.96	-10.50	-2077.32	209.91	-688.61	43.74	343.63	-121.82
50123	56.92	-3.96	-10.50	-2486.35	-34.82	-734.90	-9.67	494.52	-194.22
50124	56.07	-3.96	-10.50	-3266.20	-405.83	-936.16	-26.44	515.07	-363.41
50125	55.21	-3.96	-10.50	-5097.62	-1043.37	-2642.00	133.40	599.59	-669.91
50126	58.89	-5.08	-10.50	-1723.79	380.51	-747.85	147.02	139.89	-103.44
50127	58.03	-5.08	-10.50	-2024.22	253.07	-706.01	92.35	333.36	-158.11
50128	57.16	-5.08	-10.50	-2448.14	0.38	-746.35	3.02	495.56	-236.40
50129	56.30	-5.07	-10.50	-3191.14	-455.29	-894.53	-89.67	478.28	-400.63
50130	55.43	-5.07	-10.50	-4981.16	-1255.87	-2357.69	0.33	399.74	-653.91
50131	59.21	-6.18	-10.50	-1615.68	394.99	-773.26	211.83	111.01	-129.92
50132	58.33	-6.18	-10.50	-1923.78	304.55	-731.31	174.37	316.02	-198.70
50133	57.46	-6.18	-10.50	-2391.44	98.42	-767.63	64.98	510.91	-280.98
50134	56.58	-6.18	-10.50	-3204.60	-383.61	-908.28	-148.03	542.23	-404.36
50135	55.70	-6.17	-10.50	-5067.47	-1291.11	-2363.41	-239.83	482.54	-515.29
50136	59.59	-7.26	-10.50	-1468.63	393.38	-802.94	274.18	72.01	-154.60
50137	58.70	-7.26	-10.50	-1755.29	332.76	-763.71	273.30	283.50	-240.41
50138	57.81	-7.26	-10.50	-2228.48	222.16	-793.88	224.09	517.06	-344.87
50139	56.92	-7.26	-10.50	-3181.68	-151.91	-953.16	-8.81	674.00	-470.48
50140	56.03	-7.26	-10.50	-5345.72	-1121.89	-2600.72	-261.54	856.33	-493.55
50141	79.01	-8.10	-9.50	-106.66	362.80	-691.16	55.80	-163.20	-43.08
50142	79.01	-8.70	-9.50	-104.12	354.28	-691.76	58.69	-160.45	-45.19
50143	80.14	-8.10	-9.50	-85.42	354.81	-650.44	54.39	-132.34	-45.45
50144	80.12	-8.70	-9.50	-83.68	346.60	-651.45	57.13	-130.74	-47.55
50145	81.27	-8.10	-9.50	-67.63	345.77	-608.80	53.31	-103.85	-47.15
50146	81.23	-8.70	-9.50	-66.45	337.94	-610.34	55.93	-103.23	-49.23
50147	82.40	-8.10	-9.50	-53.03	335.73	-566.50	52.44	-78.05	-48.19
50148	82.34	-8.70	-9.50	-52.20	328.31	-568.63	54.94	-78.26	-50.31
50149	83.53	-8.10	-9.50	-41.33	324.75	-523.72	51.67	-55.20	-48.63
50150	83.45	-8.70	-9.50	-40.69	317.76	-526.50	54.06	-56.06	-50.79
50151	84.66	-8.10	-9.50	-32.23	312.89	-480.63	50.93	-35.43	-48.50
50152	84.56	-8.70	-9.50	-31.63	306.37	-484.10	53.21	-36.79	-50.75
50153	85.79	-8.10	-9.50	-25.39	300.21	-437.38	50.15	-18.84	-47.88
50154	85.67	-8.70	-9.50	-24.74	294.19	-441.54	52.33	-20.50	-50.21
50155	86.92	-8.10	-9.50	-20.50	286.79	-394.09	49.30	-5.41	-46.84
50156	86.79	-8.70	-9.50	-19.74	281.30	-398.94	51.39	-7.21	-49.26
50157	88.05	-8.10	-9.50	-17.27	272.71	-350.89	48.36	4.90	-45.45
50158	87.90	-8.70	-9.50	-16.35	267.77	-356.40	50.36	3.12	-47.96
50159	89.18	-8.10	-9.50	-15.39	257.99	-307.94	47.33	12.11	-43.81
50160	89.01	-8.70	-9.50	-14.29	253.65	-314.06	49.24	10.56	-46.48
50161	90.30	-8.10	-9.50	-14.55	242.70	-265.41	46.14	16.25	-41.90
50162	90.12	-8.70	-9.50	-13.35	238.92	-272.10	48.00	14.94	-44.67
50163	91.43	-8.10	-9.50	-14.52	227.00	-223.51	44.73	17.42	-39.80
50164	91.23	-8.70	-9.50	-13.22	223.87	-230.69	46.52	16.57	-42.60
50165	92.56	-8.10	-9.50	-14.96	210.91	-182.57	43.09	15.56	-37.50
50166	92.34	-8.70	-9.50	-13.58	208.39	-190.14	44.91	15.33	-40.53
50167	93.69	-8.10	-9.50	-15.62	194.55	-143.01	41.07	10.89	-34.88
50168	93.45	-8.70	-9.50	-14.22	192.64	-150.83	42.87	10.98	-37.98
50169	94.82	-8.10	-9.50	-16.17	178.01	-105.41	38.66	4.07	-32.07
50170	94.56	-8.70	-9.50	-14.87	176.80	-113.28	40.45	4.65	-35.21
50171	95.95	-8.10	-9.50	-16.22	161.29	-70.41	35.79	-4.04	-29.34
50172	95.68	-8.70	-9.50	-15.17	160.59	-78.14	37.68	-3.24	-32.40
50173	79.01	-8.10	-10.50	-140.80	443.57	-661.41	74.69	-145.73	-30.85
50174	79.01	-8.70	-10.50	-137.04	434.85	-661.48	78.77	-143.15	-32.86
50175	80.14	-8.10	-10.50	-113.16	434.01	-622.51	71.94	-118.15	-33.13
50176	80.12	-8.70	-10.50	-110.47	425.67	-623.00	75.84	-116.54	-35.10
50177	81.27	-8.10	-10.50	-89.97	423.31	-583.00	69.72	-92.74	-34.85
50178	81.23	-8.70	-10.50	-88.05	415.40	-583.99	73.46	-91.95	-36.80
50179	82.40	-8.10	-10.50	-70.89	411.54	-543.05	67.88	-69.77	-36.03
50180	82.34	-8.70	-10.50	-69.48	404.06	-544.58	71.46	-69.68	-37.99
50181	83.53	-8.10	-10.50	-55.55	398.75	-502.76	66.30	-49.45	-36.70
50182	83.45	-8.70	-10.50	-54.46	391.74	-504.88	69.73	-49.93	-38.70
50183	84.66	-8.10	-10.50	-43.57	385.03	-462.26	64.88	-31.93	-36.89
50184	84.56	-8.70	-10.50	-42.63	378.51	-464.98	68.17	-32.83	-38.96
50185	85.79	-8.10	-10.50	-34.54	370.48	-421.61	63.53	-17.27	-36.64
50186	85.67	-8.70	-10.50	-33.63	364.46	-424.94	66.70	-18.44	-38.78
50187	86.92	-8.10	-10.50	-28.08	355.18	-380.91	62.22	-5.47	-36.00
50188	86.79	-8.70	-10.50	-27.10	349.69	-384.84	65.27	-6.77	-38.23
50189	88.05	-8.10	-10.50	-23.79	339.22	-340.26	60.91	3.52	-35.07
50190	87.90	-8.70	-10.50	-22.68	334.28	-344.75	63.84	2.23	-37.37
50191	89.18	-8.10	-10.50	-21.25	322.64	-299.80	59.61	9.73	-33.92
50192	89.01	-8.70	-10.50	-20.02	318.28	-304.83	62.43	8.62	-36.35
50193	90.30	-8.10	-10.50	-20.01	305.51	-259.75	58.20	13.19	-32.58

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
50194	90.12	-8.70	-10.50	-18.69	301.68	-265.30	60.95	12.27	-35.10
50195	91.43	-8.10	-10.50	-19.66	288.01	-220.32	56.62	13.98	-31.16
50196	91.23	-8.70	-10.50	-18.29	284.82	-226.36	59.27	13.46	-33.67
50197	92.56	-8.10	-10.50	-19.72	270.17	-181.76	54.81	12.05	-29.64
50198	92.34	-8.70	-10.50	-18.30	267.58	-188.25	57.47	12.06	-32.35
50199	93.69	-8.10	-10.50	-19.88	252.14	-144.29	52.60	7.60	-27.89
50200	93.45	-8.70	-10.50	-18.43	250.13	-151.15	55.20	7.83	-30.64
50201	94.82	-8.10	-10.50	-19.84	233.97	-108.18	50.05	1.29	-25.96
50202	94.56	-8.70	-10.50	-18.49	232.64	-115.25	52.59	1.91	-28.74
50203	95.95	-8.10	-10.50	-19.24	215.65	-73.74	47.12	-6.04	-24.07
50204	95.68	-8.70	-10.50	-18.13	214.79	-80.89	49.72	-5.31	-26.76
50205	100.59	-8.10	-9.50	0.67	42.01	92.79	11.46	-18.11	-38.01
50206	99.68	-8.10	-9.50	-4.20	67.88	67.06	15.72	-25.45	-31.94
50207	98.78	-8.10	-9.50	-8.78	92.52	39.68	20.66	-27.25	-27.65
50208	97.87	-8.10	-9.50	-12.61	116.72	7.08	26.22	-23.12	-25.85
50209	96.97	-8.10	-9.50	-15.17	140.91	-32.18	31.61	-13.79	-26.78
50210	100.36	-8.70	-9.50	0.68	41.63	91.22	12.58	-21.21	-41.49
50211	99.44	-8.70	-9.50	-3.89	68.29	64.78	16.55	-26.81	-35.66
50212	98.52	-8.70	-9.50	-8.42	92.44	36.16	22.00	-27.66	-30.66
50213	97.61	-8.70	-9.50	-12.12	116.62	2.10	27.84	-22.69	-28.74
50214	96.69	-8.70	-9.50	-14.40	140.61	-38.88	33.41	-12.88	-29.71
50215	100.59	-8.10	-10.50	2.94	81.47	105.49	23.31	-15.98	-34.28
50216	99.68	-8.10	-10.50	-3.75	111.41	76.78	27.84	-23.11	-28.71
50217	98.78	-8.10	-10.50	-9.46	139.40	44.92	32.68	-25.82	-24.40
50218	97.87	-8.10	-10.50	-14.07	166.51	7.78	37.93	-22.73	-22.22
50219	96.97	-8.10	-10.50	-17.47	193.25	-34.55	43.04	-14.65	-22.40
50220	100.36	-8.70	-10.50	3.54	80.31	103.60	25.07	-18.91	-37.46
50221	99.44	-8.70	-10.50	-2.98	111.15	74.19	29.34	-24.39	-32.19
50222	98.52	-8.70	-10.50	-8.75	138.75	41.14	34.69	-26.21	-27.17
50223	97.61	-8.70	-10.50	-13.36	165.99	2.76	40.20	-22.35	-24.83
50224	96.69	-8.70	-10.50	-16.61	192.68	-40.96	45.52	-13.86	-24.99
50225	77.89	-8.10	-9.50	-131.57	369.71	-730.72	57.67	-196.03	-40.06
50226	76.76	-8.10	-9.50	-160.29	375.49	-768.80	60.16	-230.22	-36.48
50227	75.63	-8.10	-9.50	-192.89	380.13	-805.04	63.46	-265.09	-32.45
50228	74.50	-8.10	-9.50	-229.40	383.64	-839.02	67.77	-299.80	-28.11
50229	73.37	-8.10	-9.50	-269.77	386.02	-870.26	73.26	-333.40	-23.70
50230	72.24	-8.10	-9.50	-313.86	387.26	-898.16	80.12	-364.75	-19.54
50231	71.11	-8.10	-9.50	-361.51	387.37	-922.06	88.52	-392.57	-16.07
50232	69.98	-8.10	-9.50	-412.52	386.32	-941.16	98.55	-415.37	-13.80
50233	68.85	-8.10	-9.50	-466.74	384.15	-954.52	110.26	-431.54	-13.42
50234	67.72	-8.10	-9.50	-524.18	380.76	-961.08	123.48	-439.20	-15.78
50235	66.60	-8.10	-9.50	-585.01	375.81	-959.63	137.94	-436.18	-21.57
50236	65.47	-8.10	-9.50	-650.00	369.38	-948.85	153.50	-420.35	-31.56
50237	64.34	-8.10	-9.50	-720.60	360.99	-927.74	169.25	-388.94	-46.35
50238	63.21	-8.10	-9.50	-798.36	349.67	-895.97	185.11	-339.45	-65.87
50239	62.08	-8.10	-9.50	-886.33	335.83	-854.61	201.90	-270.85	-91.55
50240	60.95	-8.10	-9.50	-989.42	319.09	-807.12	219.53	-181.70	-125.35
50241	77.89	-8.70	-9.50	-127.98	360.91	-731.03	60.70	-192.08	-42.21
50242	76.78	-8.70	-9.50	-155.34	366.45	-769.00	63.33	-225.01	-38.76
50243	75.67	-8.70	-9.50	-186.25	370.88	-805.32	66.76	-258.57	-34.91
50244	74.56	-8.70	-9.50	-220.69	374.21	-839.59	71.18	-292.03	-30.78
50245	73.45	-8.70	-9.50	-258.59	376.43	-871.35	76.78	-324.50	-26.62
50246	72.34	-8.70	-9.50	-299.80	377.53	-900.06	83.73	-354.97	-22.76
50247	71.23	-8.70	-9.50	-344.12	377.48	-925.02	92.18	-382.25	-19.60
50248	70.11	-8.70	-9.50	-391.35	376.28	-945.44	102.24	-404.99	-17.67
50249	69.00	-8.70	-9.50	-441.29	373.86	-960.35	113.97	-421.73	-17.55
50250	67.89	-8.70	-9.50	-493.88	370.36	-968.58	127.33	-430.95	-20.28
50251	66.78	-8.70	-9.50	-549.54	365.10	-968.94	141.85	-430.18	-26.62
50252	65.67	-8.70	-9.50	-608.75	358.23	-960.02	157.66	-417.42	-36.74
50253	64.56	-8.70	-9.50	-672.54	350.10	-940.66	174.22	-390.82	-52.73
50254	63.45	-8.70	-9.50	-743.33	338.46	-910.93	190.36	-344.99	-72.61
50255	62.34	-8.70	-9.50	-821.33	324.18	-871.55	208.03	-282.21	-97.99
50256	61.22	-8.70	-9.50	-910.40	307.76	-825.77	228.36	-199.50	-132.60
50257	77.89	-8.10	-10.50	-173.14	451.93	-699.52	78.09	-175.13	-28.07
50258	76.76	-8.10	-10.50	-210.38	459.02	-736.63	82.35	-205.83	-24.87
50259	75.63	-8.10	-10.50	-252.62	464.84	-772.48	87.65	-237.19	-21.36
50260	74.50	-8.10	-10.50	-299.88	469.37	-806.75	94.18	-268.49	-17.68
50261	73.37	-8.10	-10.50	-352.07	472.59	-839.07	102.14	-298.86	-14.04
50262	72.24	-8.10	-10.50	-408.97	474.50	-868.99	111.69	-327.25	-10.73
50263	71.11	-8.10	-10.50	-470.28	475.09	-895.97	122.98	-352.42	-8.12
50264	69.98	-8.10	-10.50	-535.57	474.36	-919.36	136.10	-372.94	-6.65
50265	68.85	-8.10	-10.50	-604.41	472.33	-938.34	151.08	-387.17	-6.88
50266	67.72	-8.10	-10.50	-676.44	468.94	-951.98	167.71	-393.15	-9.52
50267	66.60	-8.10	-10.50	-751.25	463.82	-959.23	185.74	-388.47	-15.13
50268	65.47	-8.10	-10.50	-828.85	457.16	-958.96	205.07	-370.70	-24.43
50269	64.34	-8.10	-10.50	-909.69	448.57	-950.27	224.76	-336.68	-38.05
50270	63.21	-8.10	-10.50	-994.12	437.11	-932.67	244.63	-283.45	-56.19
50271	62.08	-8.10	-10.50	-1084.20	423.21	-906.25	265.26	-209.47	-80.71
50272	60.95	-8.10	-10.50	-1184.34	406.38	-872.43	285.98	-112.36	-114.08
50273	77.89	-8.70	-10.50	-168.02	442.85	-699.27	82.37	-171.55	-30.14
50274	76.78	-8.70	-10.50	-203.55	449.61	-736.17	86.79	-201.20	-27.09
50275	75.67	-8.70	-10.50	-243.68	455.10	-771.94	92.26	-231.49	-23.78
50276	74.56	-8.70	-10.50	-288.41	459.31	-806.29	98.95	-261.78	-20.33
50277	73.45	-8.70	-10.50	-337.64	462.20	-838.85	107.05	-291.27	-16.97
50278	72.34	-8.70	-10.50	-391.13	463.77	-869.19	116.72	-318.99	-13.97
50279	71.23	-8.70	-10.50	-448.58	463.98	-896.77	128.11	-343.82	-11.69
50280	70.11	-8.70	-10.50	-509.57	462.81	-920.92	141.30	-364.44	-10.56
50281	69.00	-8.70	-10.50	-573.64	460.21	-940.83	156.34	-379.35	-11.04
50282	67.89	-8.70	-10.50	-640.36	456.38	-955.48	173.20	-386.90	-14.04
50283	66.78	-8.70	-10.50	-709.64	450.54	-963.92	191.33	-384.44	-20.16
50284	65.67	-8.70	-10.50	-781.23	442.98	-964.95	211.02	-369.70	-29.50
50285	64.56	-8.70	-10.50	-855.16	434.21	-957.60	231.66	-340.58	-44.22
50286	63.45	-8.70	-10.50	-932.80	421.92	-941.86	251.91	-291.34	-62.56
50287	62.34	-8.70	-10.50	-1013.19	406.98	-917.63	273.58	-224.08	-86.60
50288	61.22	-8.70	-10.50	-1099.69	389.98	-886.41	297.32	-135.19	-120.64
50289	59.93	-8.10	-9.50	-1148.39	293.28	-753.27	244.27	-49.72	-181.08
50290	59.03	-8.10	-9.50	-1407.79	250.96	-725.52	275.65	128.17	-276.66
50291	58.12	-8.10	-9.50	-1835.40	197.14	-775.08	290.44	290.29	-402.39
50292	57.22	-8.10	-9.50	-2585.21	-9.31	-1199.32	215.89	308.17	-620.10

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
50293	56.31	-8.10	-9.50	-3819.74	-712.29	-2338.02	18.47	564.34	-529.37
50294	60.21	-8.70	-9.50	-1049.55	282.20	-772.31	259.63	-70.49	-190.19
50295	59.29	-8.70	-9.50	-1272.23	243.64	-740.27	306.40	110.18	-289.51
50296	58.38	-8.70	-9.50	-1633.18	189.76	-784.59	374.49	293.89	-434.64
50297	57.46	-8.70	-9.50	-2307.89	103.16	-1110.11	404.64	371.53	-643.25
50298	56.54	-8.70	-9.50	-3613.83	-731.79	-2388.48	797.03	857.26	-1078.81
50299	59.93	-8.10	-10.50	-1334.45	379.45	-827.40	312.74	35.96	-170.40
50300	59.03	-8.10	-10.50	-1581.95	333.35	-791.50	343.28	246.46	-270.95
50301	58.12	-8.10	-10.50	-2006.43	263.21	-818.94	364.42	498.65	-397.00
50302	57.22	-8.10	-10.50	-2921.86	112.04	-970.86	339.01	754.63	-589.86
50303	56.31	-8.10	-10.50	-5477.02	-908.46	-2764.92	180.10	1206.73	-758.23
50304	60.21	-8.70	-10.50	-1229.73	362.41	-844.75	330.87	6.50	-179.40
50305	59.29	-8.70	-10.50	-1437.60	319.26	-810.28	376.81	212.68	-282.59
50306	58.38	-8.70	-10.50	-1783.57	248.63	-839.20	449.68	461.91	-442.60
50307	57.46	-8.70	-10.50	-2539.34	165.35	-972.22	494.95	750.22	-614.55
50308	56.54	-8.70	-10.50	-4566.33	-815.83	-2685.58	1217.87	1315.17	-1265.61
50309	96.21	-9.62	-9.50	-12.58	139.90	-51.13	36.43	-10.11	-34.54
50310	95.51	-10.82	-9.50	-10.28	139.42	-70.14	40.27	-7.45	-43.00
50311	94.72	-11.98	-9.50	-7.60	138.99	-92.14	44.15	-4.83	-53.11
50312	93.85	-13.08	-9.50	-4.56	138.60	-117.03	48.03	-2.91	-65.32
50313	92.91	-14.11	-9.50	-1.12	137.74	-144.77	51.84	-1.99	-79.03
50314	91.89	-15.08	-9.50	2.72	136.79	-175.27	55.39	-2.26	-94.43
50315	90.82	-15.98	-9.50	6.77	135.67	-208.49	58.62	-4.27	-111.52
50316	89.68	-16.80	-9.50	10.89	134.28	-244.27	61.42	-8.49	-129.92
50317	88.49	-17.54	-9.50	14.94	132.75	-282.38	63.73	-15.19	-149.18
50318	87.25	-18.19	-9.50	18.73	131.05	-322.54	65.47	-24.58	-168.90
50319	85.97	-18.76	-9.50	22.01	129.20	-364.44	66.56	-36.83	-188.62
50320	84.65	-19.23	-9.50	24.52	127.30	-407.74	66.97	-51.99	-207.86
50321	83.31	-19.62	-9.50	25.97	125.45	-452.08	66.70	-70.00	-226.09
50322	81.94	-19.90	-9.50	26.02	123.78	-497.06	65.83	-90.67	-242.75
50323	80.55	-20.10	-9.50	24.34	122.49	-542.24	64.53	-113.68	-257.29
50324	79.15	-20.20	-9.50	20.54	121.78	-587.16	62.98	-138.58	-269.16
50325	97.13	-9.66	-9.50	-10.61	116.14	-7.78	30.85	-20.73	-33.99
50326	96.40	-10.95	-9.50	-8.77	115.51	-23.84	35.09	-19.29	-42.75
50327	95.59	-12.19	-9.50	-6.39	114.79	-42.83	39.46	-17.87	-53.02
50328	94.69	-13.37	-9.50	-3.44	113.83	-64.65	43.92	-16.88	-64.96
50329	93.71	-14.48	-9.50	0.14	112.49	-89.24	48.41	-16.76	-78.60
50330	92.65	-15.53	-9.50	4.35	110.62	-116.56	52.74	-17.90	-93.78
50331	91.52	-16.49	-9.50	9.11	108.28	-146.52	56.77	-20.67	-110.36
50332	90.33	-17.37	-9.50	14.34	105.38	-179.01	60.35	-25.46	-128.05
50333	89.07	-18.17	-9.50	19.91	101.91	-213.86	63.29	-32.57	-146.48
50334	87.77	-18.87	-9.50	25.62	97.92	-250.80	65.39	-42.18	-165.21
50335	86.41	-19.48	-9.50	31.17	93.50	-289.58	66.47	-54.40	-183.80
50336	85.02	-19.99	-9.50	36.25	88.80	-329.91	66.41	-69.25	-201.78
50337	83.59	-20.41	-9.50	40.48	83.99	-371.49	65.14	-86.61	-218.66
50338	82.14	-20.72	-9.50	43.47	79.32	-414.00	62.73	-106.18	-233.97
50339	80.67	-20.93	-9.50	44.77	75.08	-457.03	59.40	-127.45	-247.19
50340	79.19	-21.03	-9.50	43.78	71.73	-500.04	55.47	-149.82	-257.67
50341	98.05	-9.70	-9.50	-7.03	92.10	28.53	24.77	-27.28	-36.44
50342	97.30	-11.08	-9.50	-5.47	91.60	15.46	28.92	-28.39	-45.86
50343	96.46	-12.41	-9.50	-3.33	90.91	-0.44	33.41	-29.73	-56.21
50344	95.53	-13.67	-9.50	-0.47	89.87	-19.12	38.11	-31.62	-67.65
50345	94.51	-14.85	-9.50	3.21	88.31	-40.53	42.91	-34.36	-80.14
50346	93.40	-15.97	-9.50	7.75	86.09	-64.58	47.64	-38.24	-93.60
50347	92.22	-17.00	-9.50	13.12	83.12	-91.17	52.10	-43.55	-107.82
50348	90.97	-17.94	-9.50	19.28	79.34	-120.19	56.06	-50.55	-122.55
50349	89.65	-18.79	-9.50	26.11	74.74	-151.48	59.28	-59.41	-137.45
50350	88.28	-19.55	-9.50	33.40	69.37	-184.85	61.49	-70.23	-152.17
50351	86.86	-20.20	-9.50	40.87	63.34	-220.09	62.41	-83.00	-166.31
50352	85.39	-20.76	-9.50	48.11	56.88	-256.97	61.83	-97.64	-179.52
50353	83.88	-21.20	-9.50	54.71	50.22	-295.34	59.61	-113.94	-191.48
50354	82.35	-21.54	-9.50	60.28	43.65	-335.09	55.78	-131.47	-201.92
50355	80.80	-21.76	-9.50	64.41	37.54	-375.93	50.67	-149.43	-210.57
50356	79.23	-21.87	-9.50	66.29	32.58	-417.06	44.82	-166.74	-216.76
50357	98.96	-9.75	-9.50	-2.31	67.77	59.13	18.79	-28.49	-42.28
50358	98.20	-11.21	-9.50	-0.60	67.44	48.84	22.52	-33.27	-52.97
50359	97.34	-12.62	-9.50	1.58	66.97	35.67	26.62	-38.78	-63.78
50360	96.37	-13.96	-9.50	4.58	66.18	19.63	31.02	-45.22	-74.75
50361	95.31	-15.22	-9.50	8.54	64.87	0.81	35.59	-52.64	-85.75
50362	94.16	-16.41	-9.50	13.51	62.86	-20.63	40.13	-61.16	-96.61
50363	92.93	-17.51	-9.50	19.49	60.03	-44.54	44.40	-70.87	-107.18
50364	91.62	-18.52	-9.50	26.45	56.31	-70.80	48.15	-81.80	-117.22
50365	90.24	-19.42	-9.50	34.30	51.69	-99.27	51.11	-93.95	-126.48
50366	88.80	-20.23	-9.50	42.85	46.22	-129.79	52.98	-107.21	-134.70
50367	87.30	-20.93	-9.50	51.78	40.07	-162.20	53.44	-121.39	-141.63
50368	85.75	-21.52	-9.50	60.65	33.45	-196.35	52.25	-136.22	-147.07
50369	84.17	-21.99	-9.50	69.01	26.67	-232.25	49.23	-151.41	-150.91
50370	82.56	-22.35	-9.50	76.57	20.01	-270.14	44.35	-166.40	-153.23
50371	80.92	-22.59	-9.50	83.11	13.96	-310.09	38.01	-179.95	-154.11
50372	79.28	-22.71	-9.50	87.70	9.19	-350.71	30.91	-190.18	-153.09
50373	99.88	-9.79	-9.50	2.73	43.29	87.63	14.07	-25.38	-51.52
50374	99.10	-11.34	-9.50	4.86	42.85	79.74	16.87	-34.09	-63.81
50375	98.21	-12.83	-9.50	7.45	42.51	68.75	20.10	-45.06	-75.54
50376	97.21	-14.25	-9.50	11.00	42.10	54.56	23.70	-57.60	-86.23
50377	96.11	-15.59	-9.50	15.57	41.34	37.34	27.46	-71.50	-95.48
50378	94.92	-16.85	-9.50	21.21	39.98	17.36	31.16	-86.56	-103.06
50379	93.63	-18.02	-9.50	27.94	37.89	-5.15	34.55	-102.57	-108.79
50380	92.26	-19.09	-9.50	35.73	35.04	-30.03	37.39	-119.29	-112.53
50381	90.82	-20.05	-9.50	44.49	31.43	-57.14	39.42	-136.39	-114.10
50382	89.31	-20.91	-9.50	54.02	27.14	-86.34	40.36	-153.47	-113.40
50383	87.74	-21.65	-9.50	64.02	22.33	-117.51	39.95	-170.05	-110.35
50384	86.12	-22.28	-9.50	74.05	17.22	-150.58	37.95	-185.62	-104.98
50385	84.46	-22.78	-9.50	83.64	12.11	-185.69	34.23	-199.68	-97.46
50386	82.77	-23.17	-9.50	92.57	7.32	-223.46	28.80	-211.49	-88.12
50387	81.05	-23.42	-9.50	100.82	3.28	-264.21	21.90	-219.35	-77.32
50388	79.32	-23.55	-9.50	107.50	0.47	-305.80	14.01	-220.76	-65.38
50389	96.21	-9.62	-10.50	-14.60	191.53	-52.70	49.61	-11.30	-29.12
50390	95.51	-10.82	-10.50	-11.91	190.35	-70.84	54.85	-8.92	-36.41
50391	94.72	-11.98	-10.50	-8.73	189.14	-91.72	60.03	-6.54	-45.14

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
50392	93.85	-13.08	-10.50	-5.10	187.88	-115.23	65.06	-4.78	-55.81
50393	92.91	-14.11	-10.50	-1.13	186.13	-141.43	69.85	-3.93	-67.86
50394	91.89	-15.08	-10.50	3.08	184.32	-170.28	74.24	-4.18	-81.46
50395	90.82	-15.98	-10.50	7.28	182.33	-201.79	78.22	-6.05	-96.57
50396	89.68	-16.80	-10.50	11.27	180.04	-235.86	81.66	-9.96	-112.81
50397	88.49	-17.54	-10.50	14.85	177.60	-272.24	84.53	-16.12	-129.73
50398	87.25	-18.19	-10.50	17.74	174.94	-310.68	86.76	-24.71	-146.98
50399	85.97	-18.76	-10.50	19.62	172.15	-350.91	88.27	-35.85	-164.17
50400	84.65	-19.23	-10.50	20.13	169.32	-392.61	89.07	-49.59	-180.86
50401	83.31	-19.62	-10.50	18.90	166.58	-435.46	89.21	-65.87	-196.57
50402	81.94	-19.90	-10.50	15.52	164.07	-479.13	88.85	-84.52	-210.83
50403	80.55	-20.10	-10.50	9.61	161.98	-523.23	88.19	-105.25	-223.13
50404	79.15	-20.20	-10.50	0.75	160.52	-567.39	87.52	-127.67	-233.02
50405	97.13	-9.66	-10.50	-11.47	164.76	-7.17	44.32	-20.53	-29.45
50406	96.40	-10.95	-10.50	-8.95	162.92	-23.22	49.95	-19.30	-37.10
50407	95.59	-12.19	-10.50	-5.76	160.88	-42.09	55.50	-18.11	-46.07
50408	94.69	-13.37	-10.50	-1.94	158.54	-63.76	60.90	-17.31	-56.54
50409	93.71	-14.48	-10.50	2.45	155.83	-88.18	66.07	-17.30	-68.56
50410	92.65	-15.53	-10.50	7.26	152.66	-115.35	70.85	-18.44	-81.98
50411	91.52	-16.49	-10.50	12.30	149.10	-145.21	75.14	-21.10	-96.64
50412	90.33	-17.37	-10.50	17.41	145.06	-177.68	78.86	-25.61	-112.23
50413	89.07	-18.17	-10.50	22.40	140.52	-212.56	81.83	-32.24	-128.39
50414	87.77	-18.87	-10.50	26.96	135.55	-249.64	83.91	-41.12	-144.72
50415	86.41	-19.48	-10.50	30.75	130.25	-288.64	84.97	-52.32	-160.82
50416	85.02	-19.99	-10.50	33.35	124.79	-329.29	84.95	-65.85	-176.28
50417	83.59	-20.41	-10.50	34.31	119.33	-371.33	83.84	-81.59	-190.69
50418	82.14	-20.72	-10.50	33.22	114.07	-414.45	81.79	-99.28	-203.64
50419	80.67	-20.93	-10.50	29.62	109.23	-458.25	79.15	-118.45	-214.67
50420	79.19	-21.03	-10.50	22.95	105.26	-502.29	76.36	-138.56	-223.24
50421	98.05	-9.70	-10.50	-6.68	137.30	33.01	38.62	-25.80	-32.39
50422	97.30	-11.08	-10.50	-4.03	134.96	19.21	44.23	-26.85	-40.83
50423	96.46	-12.41	-10.50	-0.74	132.28	2.52	49.82	-28.19	-50.07
50424	95.53	-13.67	-10.50	3.31	129.19	-17.11	55.29	-30.08	-60.28
50425	94.51	-14.85	-10.50	8.08	125.58	-39.65	60.50	-32.75	-71.42
50426	93.40	-15.97	-10.50	13.46	121.38	-65.00	65.30	-36.46	-83.40
50427	92.22	-17.00	-10.50	19.27	116.56	-93.05	69.54	-41.50	-96.03
50428	90.97	-17.94	-10.50	25.34	111.11	-123.71	73.07	-48.10	-109.05
50429	89.65	-18.79	-10.50	31.49	105.01	-156.80	75.70	-56.40	-122.14
50430	88.28	-19.55	-10.50	37.43	98.35	-192.14	77.25	-66.46	-134.96
50431	86.86	-20.20	-10.50	42.77	91.26	-229.49	77.54	-78.26	-147.17
50432	85.39	-20.76	-10.50	47.03	83.97	-268.64	76.44	-91.69	-158.43
50433	83.88	-21.20	-10.50	49.75	76.69	-309.41	73.90	-106.61	-168.49
50434	82.35	-21.54	-10.50	50.53	69.60	-351.71	70.04	-122.64	-177.18
50435	80.80	-21.76	-10.50	49.10	62.84	-395.35	65.33	-139.05	-184.42
50436	79.23	-21.87	-10.50	44.77	57.12	-439.63	60.72	-154.65	-189.61
50437	98.96	-9.75	-10.50	-0.43	109.09	67.79	32.83	-25.89	-38.27
50438	98.20	-11.21	-10.50	2.81	106.21	56.26	38.11	-30.38	-48.10
50439	97.34	-12.62	-10.50	6.52	102.99	41.57	43.29	-35.58	-58.04
50440	96.37	-13.96	-10.50	11.03	99.37	23.65	48.33	-41.70	-68.08
50441	95.31	-15.22	-10.50	16.35	95.19	2.60	53.09	-48.76	-78.06
50442	94.16	-16.41	-10.50	22.36	90.34	-21.39	57.34	-56.82	-87.84
50443	92.93	-17.51	-10.50	28.91	84.82	-48.16	60.91	-65.97	-97.28
50444	91.62	-18.52	-10.50	35.82	78.63	-77.55	63.63	-76.26	-106.18
50445	90.24	-19.42	-10.50	42.90	71.82	-109.41	65.32	-87.67	-114.28
50446	88.80	-20.23	-10.50	49.85	64.49	-143.57	65.79	-100.06	-121.34
50447	87.30	-20.93	-10.50	56.28	56.84	-179.84	64.87	-113.25	-127.13
50448	85.75	-21.52	-10.50	61.69	49.09	-218.04	62.45	-126.99	-131.46
50449	84.17	-21.99	-10.50	65.51	41.52	-258.11	58.46	-141.05	-134.27
50450	82.56	-22.35	-10.50	67.45	34.24	-300.43	52.93	-155.13	-135.77
50451	80.92	-22.59	-10.50	67.78	27.42	-345.62	46.45	-168.09	-136.48
50452	79.28	-22.71	-10.50	65.91	21.95	-392.31	40.53	-177.18	-135.77
50453	99.88	-9.79	-10.50	6.81	80.37	99.30	27.95	-22.75	-46.82
50454	99.10	-11.34	-10.50	10.75	76.67	89.89	32.27	-30.91	-58.33
50455	98.21	-12.83	-10.50	15.26	72.86	76.70	36.50	-41.26	-69.46
50456	97.21	-14.25	-10.50	20.65	68.90	59.58	40.54	-53.09	-79.56
50457	96.11	-15.59	-10.50	26.85	64.53	38.80	44.17	-66.17	-88.19
50458	94.92	-16.85	-10.50	33.72	59.58	14.74	47.14	-80.30	-95.16
50459	93.63	-18.02	-10.50	41.10	54.08	-12.31	49.24	-95.30	-100.38
50460	92.26	-19.09	-10.50	48.80	48.11	-42.15	50.35	-110.95	-103.69
50461	90.82	-20.05	-10.50	56.60	41.78	-74.62	50.33	-126.96	-104.96
50462	89.31	-20.91	-10.50	64.21	35.25	-109.54	49.06	-142.94	-104.07
50463	87.74	-21.65	-10.50	71.23	28.71	-146.73	46.44	-158.44	-100.97
50464	86.12	-22.28	-10.50	77.19	22.40	-186.04	42.46	-172.97	-95.67
50465	84.46	-22.78	-10.50	81.47	16.57	-227.54	37.13	-186.17	-88.35
50466	82.77	-23.17	-10.50	83.89	11.37	-272.20	30.63	-197.79	-79.46
50467	81.05	-23.42	-10.50	85.20	7.05	-321.56	23.40	-206.09	-69.60
50468	79.32	-23.55	-10.50	85.04	4.21	-372.93	16.58	-206.90	-58.71
50469	77.75	-20.20	-9.50	14.21	121.86	-631.35	61.30	-164.90	-277.88
50470	76.35	-20.10	-9.50	4.95	122.94	-674.26	59.68	-191.95	-283.07
50471	74.96	-19.90	-9.50	-7.44	125.00	-715.33	58.47	-218.88	-284.56
50472	73.59	-19.62	-9.50	-23.27	127.98	-754.01	58.05	-244.71	-282.39
50473	72.25	-19.23	-9.50	-42.86	131.85	-789.70	58.88	-268.37	-276.72
50474	70.93	-18.76	-9.50	-66.61	136.60	-821.74	61.49	-288.68	-267.94
50475	69.65	-18.19	-9.50	-95.00	142.18	-849.40	66.45	-304.42	-256.66
50476	68.41	-17.54	-9.50	-128.67	148.52	-871.89	74.37	-314.42	-243.78
50477	67.22	-16.80	-9.50	-168.63	155.51	-888.39	85.98	-317.54	-230.46
50478	66.08	-15.98	-9.50	-216.27	163.24	-898.04	102.30	-312.75	-217.95
50479	65.01	-15.08	-9.50	-273.86	170.74	-900.33	123.64	-298.85	-207.51
50480	63.99	-14.11	-9.50	-346.37	179.64	-894.91	150.56	-275.08	-201.44
50481	63.05	-13.08	-9.50	-439.49	191.32	-881.86	183.06	-242.00	-199.41
50482	62.18	-11.98	-9.50	-560.19	207.96	-861.65	219.09	-200.33	-201.33
50483	61.39	-10.82	-9.50	-713.69	232.28	-834.41	250.84	-153.42	-202.87
50484	60.69	-9.62	-9.50	-900.06	262.77	-800.23	266.62	-105.51	-198.35
50485	77.71	-21.03	-9.50	39.89	69.81	-542.44	51.13	-172.70	-264.81
50486	76.23	-20.93	-9.50	32.63	69.55	-583.76	46.44	-195.55	-268.38
50487	74.76	-20.72	-9.50	21.80	70.88	-623.65	41.81	-217.49	-268.55
50488	73.31	-20.41	-9.50	7.21	73.67	-661.73	37.94	-237.31	-265.66
50489	71.88	-19.99	-9.50	-11.44	77.87	-697.45	35.60	-253.70	-260.14
50490	70.49	-19.48	-9.50	-34.45	83.40	-730.17	35.53	-265.32	-252.63

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
50491	69.13	-18.87	-9.50	-62.16	90.08	-759.14	38.53	-270.90	-244.10
50492	67.83	-18.17	-9.50	-95.05	97.58	-783.57	45.48	-269.16	-235.85
50493	66.57	-17.37	-9.50	-133.91	105.47	-802.62	57.47	-258.92	-229.52
50494	65.38	-16.49	-9.50	-180.18	112.99	-815.52	75.74	-239.08	-227.01
50495	64.25	-15.53	-9.50	-236.86	119.70	-821.78	101.71	-208.67	-230.50
50496	63.19	-14.48	-9.50	-309.59	125.96	-821.43	137.36	-167.24	-241.61
50497	62.21	-13.37	-9.50	-409.35	133.49	-815.37	184.95	-115.00	-260.56
50498	61.31	-12.19	-9.50	-553.58	147.80	-804.40	242.84	-53.76	-283.60
50499	60.50	-10.95	-9.50	-763.49	175.58	-787.79	299.62	11.69	-301.51
50500	59.77	-9.66	-9.50	-1045.76	217.83	-762.29	326.29	71.98	-301.71
50501	77.67	-21.87	-9.50	64.86	29.48	-457.22	38.45	-182.85	-219.68
50502	76.10	-21.76	-9.50	59.65	28.54	-496.02	31.27	-197.89	-219.35
50503	74.55	-21.54	-9.50	50.78	29.60	-533.96	23.77	-211.04	-216.71
50504	73.02	-21.20	-9.50	38.22	32.45	-571.07	16.96	-220.72	-212.66
50505	71.51	-20.76	-9.50	21.67	37.01	-606.79	11.84	-225.41	-207.95
50506	70.04	-20.20	-9.50	0.90	43.13	-640.41	9.29	-223.81	-203.59
50507	68.62	-19.55	-9.50	-24.21	50.47	-671.16	10.21	-214.75	-201.01
50508	67.25	-18.79	-9.50	-53.82	58.43	-698.27	15.59	-197.12	-202.07
50509	65.93	-17.94	-9.50	-88.37	66.14	-720.99	26.61	-169.93	-209.09
50510	64.68	-17.00	-9.50	-129.03	72.44	-738.71	44.79	-132.33	-224.75
50511	63.50	-15.97	-9.50	-178.43	76.08	-751.39	72.33	-83.70	-251.90
50512	62.39	-14.85	-9.50	-242.62	75.96	-760.27	112.75	-23.89	-292.82
50513	61.37	-13.67	-9.50	-333.37	72.09	-768.02	172.23	46.55	-347.11
50514	60.44	-12.41	-9.50	-490.00	67.74	-779.74	262.09	125.19	-407.54
50515	59.60	-11.08	-9.50	-777.67	90.21	-793.65	369.11	205.45	-455.16
50516	58.85	-9.70	-9.50	-1242.60	152.96	-793.87	425.92	266.85	-459.59
50517	77.62	-22.71	-9.50	88.66	6.21	-389.23	23.25	-196.60	-149.46
50518	75.98	-22.59	-9.50	85.54	5.32	-425.34	14.56	-200.70	-143.69
50519	74.34	-22.35	-9.50	79.11	6.56	-461.20	5.30	-201.80	-137.43
50520	72.73	-21.99	-9.50	69.53	9.70	-497.58	-3.33	-197.71	-132.26
50521	71.15	-21.52	-9.50	56.38	14.55	-533.71	-10.29	-186.74	-129.41
50522	69.60	-20.93	-9.50	39.48	20.87	-568.65	-14.72	-167.84	-130.43
50523	68.10	-20.23	-9.50	18.98	28.19	-601.57	-15.82	-140.20	-137.42
50524	66.66	-19.42	-9.50	-4.94	35.72	-631.75	-12.72	-103.11	-152.98
50525	65.28	-18.52	-9.50	-32.32	42.37	-658.55	-4.36	-56.05	-180.26
50526	63.97	-17.51	-9.50	-63.68	46.58	-681.74	10.65	1.25	-222.89
50527	62.74	-16.41	-9.50	-100.70	46.28	-702.26	34.44	68.67	-284.76
50528	61.59	-15.22	-9.50	-146.80	38.75	-723.68	70.91	145.40	-369.04
50529	60.53	-13.96	-9.50	-214.25	19.86	-754.45	127.59	229.42	-475.21
50530	59.56	-12.62	-9.50	-318.70	-17.72	-805.20	226.10	317.14	-593.36
50531	58.70	-11.21	-9.50	-676.97	-79.30	-900.82	447.87	409.12	-693.64
50532	57.94	-9.75	-9.50	-1553.58	43.56	-1011.06	617.27	427.95	-702.92
50533	77.58	-23.55	-9.50	110.69	-0.93	-344.19	5.37	-215.37	-52.86
50534	75.85	-23.42	-9.50	110.01	-0.70	-379.10	-4.01	-205.61	-40.83
50535	74.13	-23.17	-9.50	106.63	1.38	-414.11	-13.67	-191.09	-30.87
50536	72.44	-22.78	-9.50	100.82	5.13	-450.77	-22.74	-169.30	-24.99
50537	70.78	-22.28	-9.50	92.13	10.28	-488.19	-30.44	-138.54	-25.32
50538	69.16	-21.65	-9.50	80.48	16.51	-525.08	-36.12	-98.20	-34.33
50539	67.59	-20.91	-9.50	66.21	23.27	-560.52	-39.19	-48.02	-55.01
50540	66.08	-20.05	-9.50	49.72	29.80	-593.79	-39.10	12.03	-90.94
50541	64.64	-19.09	-9.50	31.34	35.05	-624.37	-35.22	81.64	-146.29
50542	63.27	-18.02	-9.50	11.18	37.53	-652.55	-26.82	160.02	-225.83
50543	61.98	-16.85	-9.50	-10.81	35.15	-680.86	-12.85	245.53	-334.73
50544	60.79	-15.59	-9.50	-35.86	24.91	-717.17	7.77	335.10	-477.11
50545	59.69	-14.25	-9.50	-62.93	2.89	-778.24	38.81	421.97	-652.30
50546	58.69	-12.83	-9.50	-120.87	-46.04	-900.69	83.62	499.29	-846.86
50547	57.80	-11.34	-9.50	-145.42	-174.09	-1136.53	199.90	561.44	-1052.66
50548	57.02	-9.79	-9.50	-1751.93	-669.46	-1839.00	1011.05	756.06	-1371.00
50549	77.75	-20.20	-10.50	-11.47	159.87	-611.27	87.05	-151.33	-240.12
50550	76.35	-20.10	-10.50	-27.44	160.22	-654.42	87.12	-175.57	-244.10
50551	74.96	-19.90	-10.50	-47.36	161.56	-696.32	88.15	-199.59	-244.80
50552	73.59	-19.62	-10.50	-71.49	163.78	-736.48	90.59	-222.52	-242.25
50553	72.25	-19.23	-10.50	-100.08	166.87	-774.40	94.94	-243.38	-236.63
50554	70.93	-18.76	-10.50	-133.43	170.84	-809.53	101.72	-261.08	-228.35
50555	69.65	-18.19	-10.50	-171.88	175.69	-841.28	111.45	-274.50	-218.00
50556	68.41	-17.54	-10.50	-215.97	181.47	-868.97	124.64	-282.49	-206.49
50557	67.22	-16.80	-10.50	-266.56	188.31	-891.93	141.85	-283.92	-194.99
50558	66.08	-15.98	-10.50	-324.89	196.65	-909.36	163.85	-277.68	-184.76
50559	65.01	-15.08	-10.50	-393.12	205.80	-920.77	190.55	-262.41	-177.04
50560	63.99	-14.11	-10.50	-476.31	217.99	-925.61	222.06	-237.02	-174.10
50561	63.05	-13.08	-10.50	-580.00	235.05	-923.47	257.99	-201.47	-175.54
50562	62.18	-11.98	-10.50	-711.07	259.16	-913.92	295.93	-155.47	-181.22
50563	61.39	-10.82	-10.50	-874.83	292.90	-895.97	327.61	-100.89	-186.71
50564	60.69	-9.62	-10.50	-1071.83	334.40	-868.84	341.09	-40.42	-185.82
50565	77.71	-21.03	-10.50	12.62	102.81	-546.20	73.75	-159.08	-228.82
50566	76.23	-20.93	-10.50	-1.76	102.07	-589.58	71.38	-179.44	-231.21
50567	74.76	-20.72	-10.50	-20.31	102.68	-631.96	69.77	-198.86	-230.61
50568	73.31	-20.41	-10.50	-43.13	104.44	-672.99	69.68	-216.24	-227.36
50569	71.88	-19.99	-10.50	-70.37	107.31	-712.22	71.86	-230.39	-221.88
50570	70.49	-19.48	-10.50	-102.22	111.24	-749.09	77.00	-240.09	-214.79
50571	69.13	-18.87	-10.50	-138.84	116.14	-782.97	85.75	-244.15	-207.02
50572	67.83	-18.17	-10.50	-180.55	121.86	-813.16	98.81	-241.35	-199.88
50573	66.57	-17.37	-10.50	-227.99	128.31	-838.94	117.00	-230.51	-194.99
50574	65.38	-16.49	-10.50	-282.52	135.19	-859.63	141.23	-210.39	-194.26
50575	64.25	-15.53	-10.50	-347.09	142.75	-874.66	172.42	-179.82	-199.88
50576	63.19	-14.48	-10.50	-427.35	152.13	-883.65	212.08	-137.81	-213.56
50577	62.21	-13.37	-10.50	-534.39	165.54	-886.47	262.07	-83.34	-235.72
50578	61.31	-12.19	-10.50	-685.90	188.39	-882.04	320.52	-15.78	-263.19
50579	60.50	-10.95	-10.50	-904.26	226.86	-867.50	376.23	64.18	-287.08
50580	59.77	-9.66	-10.50	-1199.26	282.26	-837.90	400.44	150.71	-293.14
50581	77.67	-21.87	-10.50	36.38	53.62	-483.13	56.67	-168.77	-191.41
50582	76.10	-21.76	-10.50	23.57	52.53	-525.50	52.29	-182.12	-189.89
50583	74.55	-21.54	-10.50	6.89	52.97	-567.43	48.24	-193.77	-186.53
50584	73.02	-21.20	-10.50	-13.58	54.50	-608.90	45.82	-202.11	-182.19
50585	71.51	-20.76	-10.50	-38.02	57.15	-649.35	45.96	-205.71	-177.45
50586	70.04	-20.20	-10.50	-66.44	60.81	-688.08	49.33	-203.45	-173.23
50587	68.62	-19.55	-10.50	-98.74	65.25	-724.41	56.59	-194.23	-170.88
50588	67.25	-18.79	-10.50	-134.85	70.13	-757.69	68.40	-176.99	-172.26
50589	65.93	-17.94	-10.50	-175.08	75.01	-787.22	85.58	-150.68	-179.62



Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
50590	64.68	-17.00	-10.50	-220.49	79.43	-812.47	109.17	-114.35	-195.66
50591	63.50	-15.97	-10.50	-273.74	83.13	-833.20	140.81	-67.15	-223.25
50592	62.39	-14.85	-10.50	-341.04	86.09	-849.94	183.54	-8.34	-264.81
50593	61.37	-13.67	-10.50	-434.28	88.91	-863.30	243.16	62.96	-320.69
50594	60.44	-12.41	-10.50	-593.89	93.92	-874.84	331.72	149.51	-386.16
50595	59.60	-11.08	-10.50	-888.19	127.26	-878.74	437.70	255.07	-444.73
50596	58.85	-9.70	-10.50	-1370.33	203.07	-862.66	496.12	375.36	-463.41
50597	77.62	-22.71	-10.50	59.40	18.61	-435.85	35.60	-181.54	-131.70
50598	75.98	-22.59	-10.50	48.03	17.50	-475.93	30.01	-184.83	-124.70
50599	74.34	-22.35	-10.50	33.78	18.06	-516.58	24.34	-186.01	-117.65
50600	72.73	-21.99	-10.50	16.91	19.54	-558.53	20.38	-182.07	-112.24
50601	71.15	-21.52	-10.50	-3.09	21.84	-600.49	19.07	-171.44	-109.22
50602	69.60	-20.93	-10.50	-26.05	24.82	-641.35	20.86	-153.37	-109.93
50603	68.10	-20.23	-10.50	-51.44	28.11	-680.41	26.15	-127.13	-116.35
50604	66.66	-19.42	-10.50	-78.84	31.23	-717.01	35.38	-92.00	-131.04
50605	65.28	-18.52	-10.50	-108.10	33.67	-750.58	49.02	-47.39	-157.07
50606	63.97	-17.51	-10.50	-139.66	34.81	-780.84	67.86	7.04	-198.00
50607	62.74	-16.41	-10.50	-175.36	33.91	-808.45	93.33	71.31	-257.66
50608	61.59	-15.22	-10.50	-218.79	29.71	-835.49	128.90	144.88	-339.21
50609	60.53	-13.96	-10.50	-283.59	18.39	-867.34	182.51	226.81	-442.66
50610	59.56	-12.62	-10.50	-384.45	-8.02	-906.87	276.02	316.53	-562.43
50611	58.70	-11.21	-10.50	-742.36	-67.59	-982.36	501.44	446.53	-685.45
50612	57.94	-9.75	-10.50	-1691.90	74.19	-994.81	702.48	631.34	-723.45
50613	77.58	-23.55	-10.50	80.32	2.66	-418.34	10.56	-199.48	-46.70
50614	75.85	-23.42	-10.50	70.99	2.34	-457.49	4.56	-189.84	-34.56
50615	74.13	-23.17	-10.50	60.07	3.38	-497.75	-0.99	-177.20	-24.43
50616	72.44	-22.78	-10.50	47.94	5.07	-541.18	-4.87	-157.38	-18.51
50617	70.78	-22.28	-10.50	33.95	7.00	-585.56	-6.56	-128.64	-18.56
50618	69.16	-21.65	-10.50	18.48	8.87	-629.18	-5.86	-90.80	-26.78
50619	67.59	-20.91	-10.50	2.39	10.30	-671.19	-2.79	-43.68	-46.02
50620	66.08	-20.05	-10.50	-13.64	10.90	-710.90	2.56	12.83	-79.72
50621	64.64	-19.09	-10.50	-29.10	10.40	-747.76	10.03	78.52	-131.92
50622	63.27	-18.02	-10.50	-43.92	8.50	-781.91	19.50	152.64	-207.25
50623	61.98	-16.85	-10.50	-58.45	4.90	-815.13	31.29	233.52	-310.46
50624	60.79	-15.59	-10.50	-75.05	-1.68	-852.73	46.27	317.61	-445.06
50625	59.69	-14.25	-10.50	-92.53	-15.27	-904.83	69.53	398.75	-609.01
50626	58.69	-12.83	-10.50	-152.37	-53.48	-1000.16	109.26	467.42	-792.29
50627	57.80	-11.34	-10.50	-129.97	-179.71	-1177.42	209.29	521.97	-970.65
50628	57.02	-9.79	-10.50	-1989.98	-701.89	-1987.79	1118.42	945.86	-1313.50
50629	90.14	9.49	-9.50	12.36	281.28	-418.70	-40.20	58.09	35.38
50630	91.17	9.44	-9.50	10.48	266.46	-378.12	-38.20	63.42	38.08
50631	92.21	9.39	-9.50	7.91	251.39	-336.91	-36.38	66.15	41.00
50632	90.36	10.47	-9.50	16.15	270.64	-424.71	-42.93	63.21	53.78
50633	91.26	10.33	-9.50	13.80	258.75	-386.67	-41.09	67.52	54.07
50634	92.15	10.18	-9.50	10.81	246.58	-348.55	-39.35	69.18	54.16
50635	90.56	11.46	-9.50	19.66	259.24	-429.38	-45.75	68.13	75.07
50636	91.33	11.21	-9.50	16.98	250.51	-394.37	-44.22	71.34	71.79
50637	92.08	10.96	-9.50	14.06	241.32	-359.84	-42.39	72.85	69.47
50638	79.02	9.89	-9.50	-59.23	397.00	-843.30	-61.65	-153.91	17.59
50639	80.15	9.88	-9.50	-40.29	389.89	-801.18	-58.90	-120.17	19.37
50640	81.29	9.86	-9.50	-24.65	381.32	-758.76	-56.56	-88.94	21.29
50641	82.41	9.83	-9.50	-12.20	371.65	-716.07	-54.47	-60.43	23.07
50642	83.53	9.80	-9.50	-2.63	360.97	-673.30	-52.51	-34.78	24.72
50643	84.65	9.76	-9.50	4.38	349.39	-630.54	-50.57	-12.09	26.30
50644	85.76	9.71	-9.50	9.15	336.99	-587.86	-48.60	7.64	27.88
50645	86.87	9.66	-9.50	12.04	323.85	-545.27	-46.56	24.43	29.54
50646	87.97	9.60	-9.50	13.34	310.08	-502.75	-44.46	38.38	31.33
50647	89.07	9.54	-9.50	13.34	295.84	-460.18	-42.30	49.61	33.28
50648	79.05	11.68	-9.50	-43.02	376.99	-883.34	-66.73	-143.65	55.16
50649	80.25	11.64	-9.50	-25.57	369.95	-836.89	-63.87	-109.66	56.33
50650	81.44	11.58	-9.50	-11.35	361.85	-790.50	-61.24	-78.33	56.96
50651	82.61	11.50	-9.50	-0.24	352.77	-743.96	-58.83	-49.94	57.23
50652	83.77	11.40	-9.50	8.04	342.82	-697.45	-56.56	-24.61	57.21
50653	84.92	11.28	-9.50	13.80	332.10	-651.02	-54.32	-2.39	56.97
50654	86.05	11.15	-9.50	17.39	320.69	-604.72	-52.07	16.73	56.54
50655	87.17	10.99	-9.50	19.10	308.68	-558.54	-49.78	32.80	55.98
50656	88.28	10.82	-9.50	19.23	296.15	-512.51	-47.46	45.91	55.27
50657	89.37	10.63	-9.50	18.08	283.20	-466.60	-45.05	56.15	54.40
50658	79.08	13.48	-9.50	-25.03	356.00	-928.24	-69.98	-134.13	110.84
50659	80.33	13.42	-9.50	-9.42	349.18	-877.59	-66.74	-99.99	109.29
50660	81.56	13.32	-9.50	3.08	341.44	-826.97	-63.90	-68.39	107.34
50661	82.78	13.19	-9.50	12.58	332.91	-775.99	-61.37	-39.87	104.80
50662	83.98	13.03	-9.50	19.37	323.65	-724.87	-59.05	-14.58	101.73
50663	85.15	12.83	-9.50	23.74	313.77	-673.74	-56.83	7.41	98.19
50664	86.31	12.61	-9.50	25.96	303.34	-622.71	-54.64	26.10	94.23
50665	87.44	12.35	-9.50	26.32	292.44	-571.91	-52.44	41.52	89.89
50666	88.56	12.06	-9.50	25.09	281.16	-521.49	-50.19	53.70	85.19
50667	89.64	11.74	-9.50	22.57	269.59	-471.67	-47.85	62.54	79.96
50668	79.10	15.28	-9.50	-3.84	330.92	-964.66	-71.19	-127.44	186.08
50669	80.40	15.20	-9.50	9.22	324.61	-911.38	-68.05	-92.25	181.07
50670	81.67	15.07	-9.50	19.39	317.46	-857.18	-65.39	-59.92	174.98
50671	82.92	14.90	-9.50	26.81	309.63	-802.08	-63.13	-30.88	167.83
50672	84.16	14.67	-9.50	31.68	301.24	-746.48	-61.14	-5.31	159.73
50673	85.36	14.40	-9.50	34.24	292.38	-690.70	-59.29	16.66	150.81
50674	86.54	14.08	-9.50	34.76	283.17	-635.05	-57.48	35.01	141.21
50675	87.69	13.72	-9.50	33.49	273.68	-579.87	-55.59	49.76	131.05
50676	88.81	13.31	-9.50	30.73	263.99	-525.53	-53.55	60.97	120.48
50677	89.90	12.86	-9.50	26.85	254.03	-472.46	-51.27	68.63	109.81
50678	79.12	17.07	-9.50	21.07	293.42	-970.38	-70.66	-124.42	275.49
50679	80.44	16.99	-9.50	30.93	288.37	-917.00	-68.69	-88.22	266.39
50680	81.75	16.84	-9.50	38.10	282.77	-861.79	-67.12	-55.00	255.10
50681	83.04	16.62	-9.50	42.72	276.71	-805.14	-65.82	-25.25	241.89
50682	84.30	16.34	-9.50	45.00	270.31	-747.64	-64.66	0.75	227.07
50683	85.54	15.99	-9.50	45.18	263.67	-689.83	-63.48	22.84	210.99
50684	86.74	15.58	-9.50	43.52	256.87	-632.24	-62.14	40.98	194.00
50685	87.91	15.11	-9.50	40.31	249.99	-575.37	-60.52	55.20	176.43
50686	89.05	14.58	-9.50	35.88	243.03	-519.72	-58.53	65.65	158.63
50687	90.14	14.00	-9.50	30.57	236.03	-465.82	-56.13	72.51	140.98
50688	79.13	18.88	-9.50	49.06	234.56	-923.16	-68.27	-126.73	356.82

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{XX}$ [kPa]	$\sigma_{YY}$ [kPa]	$\sigma_{ZZ}$ [kPa]	$\tau_{XY}$ [kPa]	$\tau_{XZ}$ [kPa]	$\tau_{YZ}$ [kPa]
50689	80.47	18.79	-9.50	55.42	232.15	-873.44	-68.97	-90.79	344.64
50690	81.81	18.61	-9.50	59.05	229.87	-821.76	-69.69	-57.58	329.10
50691	83.13	18.35	-9.50	60.24	227.70	-768.63	-70.25	-27.64	310.68
50692	84.42	18.01	-9.50	59.30	225.59	-714.64	-70.48	-1.35	289.92
50693	85.68	17.59	-9.50	56.54	223.52	-660.31	-70.21	21.07	267.42
50694	86.92	17.09	-9.50	52.28	221.44	-606.17	-69.32	39.49	243.74
50695	88.11	16.51	-9.50	46.85	219.27	-552.70	-67.72	53.94	219.42
50696	89.26	15.87	-9.50	40.59	216.96	-500.35	-65.39	64.56	194.97
50697	90.36	15.15	-9.50	33.83	214.42	-449.59	-62.36	71.61	170.89
50698	95.25	9.56	-9.50	-1.95	201.28	-214.73	-32.96	58.19	52.31
50699	94.64	10.65	-9.50	2.86	203.49	-246.39	-38.71	64.96	68.32
50700	93.97	11.69	-9.50	8.04	205.27	-279.97	-44.36	70.59	86.15
50701	94.24	9.48	-9.50	1.58	218.31	-255.62	-33.81	64.25	48.60
50702	93.82	10.42	-9.50	5.58	218.44	-280.48	-38.41	68.90	63.06
50703	93.36	11.34	-9.50	9.82	218.04	-306.27	-43.07	72.77	78.91
50704	93.23	9.40	-9.50	4.97	234.80	-296.16	-34.81	67.09	44.68
50705	93.00	10.21	-9.50	8.13	232.92	-313.40	-38.37	70.47	57.38
50706	92.75	11.00	-9.50	11.13	230.66	-330.92	-41.97	72.57	71.83
50707	91.38	14.37	-9.50	26.97	212.19	-402.31	-58.71	75.42	148.69
50708	91.10	13.39	-9.50	25.07	230.20	-418.42	-53.42	75.96	125.02
50709	90.81	12.43	-9.50	22.74	245.74	-427.98	-49.18	72.65	100.74
50710	92.31	13.54	-9.50	20.33	209.75	-358.74	-54.43	76.04	126.99
50711	91.93	12.78	-9.50	19.87	225.29	-377.46	-50.46	76.76	109.83
50712	91.55	12.03	-9.50	19.06	239.29	-391.83	-47.24	74.91	92.21
50713	93.19	12.66	-9.50	14.06	207.25	-317.33	-49.64	74.53	106.92
50714	92.73	12.13	-9.50	14.69	220.25	-338.40	-47.13	75.18	95.52
50715	92.26	11.61	-9.50	15.08	232.66	-356.85	-45.14	74.69	82.56
50716	90.14	9.49	-10.50	13.66	359.82	-396.63	-51.37	52.19	30.05
50717	91.17	9.44	-10.50	11.06	342.21	-358.81	-49.06	56.56	32.90
50718	92.21	9.39	-10.50	7.80	324.39	-320.67	-46.95	58.41	35.91
50719	90.36	10.47	-10.50	17.85	347.90	-400.14	-56.20	56.90	47.10
50720	91.26	10.33	-10.50	14.77	333.63	-365.19	-53.84	60.29	47.53
50721	92.15	10.18	-10.50	11.15	319.14	-330.39	-51.52	61.15	47.78
50722	90.56	11.46	-10.50	21.72	334.55	-402.85	-61.08	61.15	66.55
50723	91.33	11.21	-10.50	18.37	324.09	-371.13	-58.79	63.56	63.58
50724	92.08	10.96	-10.50	14.82	313.15	-339.99	-56.16	64.43	61.55
50725	79.02	9.89	-10.50	-79.11	499.02	-796.83	-83.29	-137.28	10.00
50726	80.15	9.88	-10.50	-54.11	490.41	-756.88	-78.71	-106.87	11.86
50727	81.29	9.86	-10.50	-33.62	480.08	-716.71	-74.70	-78.87	13.78
50728	82.41	9.83	-10.50	-17.30	468.42	-676.43	-71.15	-53.33	15.68
50729	83.53	9.80	-10.50	-4.77	455.55	-636.14	-67.91	-30.37	17.56
50730	84.65	9.76	-10.50	4.39	441.59	-595.91	-64.88	-10.07	19.43
50731	85.76	9.71	-10.50	10.57	426.66	-555.73	-61.99	7.54	21.35
50732	86.87	9.66	-10.50	14.19	410.86	-515.62	-59.20	22.51	23.35
50733	87.97	9.60	-10.50	15.63	394.31	-475.56	-56.47	34.90	25.48
50734	89.07	9.54	-10.50	15.28	377.22	-435.51	-53.82	44.80	27.72
50735	79.05	11.68	-10.50	-57.24	477.71	-829.47	-91.28	-128.00	46.38
50736	80.25	11.64	-10.50	-34.18	469.34	-785.78	-86.57	-96.91	47.51
50737	81.44	11.58	-10.50	-15.65	459.56	-742.04	-82.31	-68.60	48.14
50738	82.61	11.50	-10.50	-1.31	448.49	-698.32	-78.46	-43.01	48.55
50739	83.77	11.40	-10.50	9.28	436.29	-654.69	-74.93	-20.27	48.77
50740	84.92	11.28	-10.50	16.53	423.09	-611.18	-71.60	-0.41	48.82
50741	86.05	11.15	-10.50	20.88	409.04	-567.82	-68.38	16.58	48.73
50742	87.17	10.99	-10.50	22.73	394.26	-524.60	-65.24	30.75	48.50
50743	88.28	10.82	-10.50	22.50	378.90	-481.59	-62.11	42.18	48.11
50744	89.37	10.63	-10.50	20.61	363.11	-438.88	-58.95	50.98	47.52
50745	79.08	13.48	-10.50	-34.36	450.78	-864.93	-96.75	-119.67	99.75
50746	80.33	13.42	-10.50	-13.71	443.06	-817.58	-91.96	-88.04	98.36
50747	81.56	13.32	-10.50	2.52	434.07	-770.20	-87.75	-59.27	96.41
50748	82.78	13.19	-10.50	14.65	423.93	-722.70	-83.99	-33.43	93.98
50749	83.98	13.03	-10.50	23.14	412.79	-675.18	-80.54	-10.66	91.10
50750	85.15	12.83	-10.50	28.40	400.79	-627.76	-77.28	8.96	87.84
50751	86.31	12.61	-10.50	30.85	388.07	-580.51	-74.09	25.45	84.20
50752	87.44	12.35	-10.50	30.89	374.78	-533.55	-70.88	38.85	80.22
50753	88.56	12.06	-10.50	28.95	361.04	-487.09	-67.60	49.26	75.90
50754	89.64	11.74	-10.50	25.50	347.02	-441.40	-64.14	56.61	71.09
50755	79.10	15.28	-10.50	-10.11	414.56	-892.43	-99.37	-114.24	169.48
50756	80.40	15.20	-10.50	7.55	408.12	-842.87	-95.20	-81.64	164.78
50757	81.67	15.07	-10.50	21.04	400.53	-792.60	-91.60	-52.10	158.93
50758	82.92	14.90	-10.50	30.65	391.96	-741.80	-88.42	-25.72	152.09
50759	84.16	14.67	-10.50	36.80	382.57	-690.74	-85.49	-2.70	144.39
50760	85.36	14.40	-10.50	39.89	372.53	-639.68	-82.66	16.88	135.98
50761	86.54	14.08	-10.50	40.34	361.96	-588.88	-79.78	33.00	126.99
50762	87.69	13.72	-10.50	38.56	350.99	-538.60	-76.72	45.74	117.55
50763	88.81	13.31	-10.50	34.99	339.71	-489.20	-73.38	55.22	107.80
50764	89.90	12.86	-10.50	30.14	328.04	-441.12	-69.68	61.49	98.00
50765	79.12	17.07	-10.50	15.34	363.48	-896.82	-99.06	-112.67	247.70
50766	80.44	16.99	-10.50	29.64	359.05	-847.09	-96.54	-79.41	239.51
50767	81.75	16.84	-10.50	40.02	353.91	-796.01	-94.43	-49.18	229.18
50768	83.04	16.62	-10.50	46.78	348.16	-744.00	-92.53	-22.25	217.06
50769	84.30	16.34	-10.50	50.32	341.92	-691.48	-90.63	1.13	203.48
50770	85.54	15.99	-10.50	51.04	335.29	-638.88	-88.56	20.83	188.77
50771	86.74	15.58	-10.50	49.37	328.35	-586.62	-86.16	36.84	173.30
50772	87.91	15.11	-10.50	45.74	321.16	-535.08	-83.31	49.23	157.38
50773	89.05	14.58	-10.50	40.60	313.71	-484.70	-79.90	58.19	141.32
50774	90.14	14.00	-10.50	34.44	306.01	-435.93	-75.95	63.96	125.45
50775	79.13	18.88	-10.50	41.45	293.45	-864.39	-95.39	-116.06	315.06
50776	80.47	18.79	-10.50	52.34	291.97	-817.19	-95.66	-83.54	304.57
50777	81.81	18.61	-10.50	59.47	290.62	-768.58	-95.99	-53.60	291.00
50778	83.13	18.35	-10.50	63.19	289.38	-718.99	-96.12	-26.66	274.81
50779	84.42	18.01	-10.50	63.95	288.19	-668.85	-95.82	-3.05	256.51
50780	85.68	17.59	-10.50	62.17	286.97	-618.60	-94.88	17.01	236.63
50781	86.92	17.09	-10.50	58.30	285.64	-568.64	-93.15	33.45	215.71
50782	88.11	16.51	-10.50	52.79	284.11	-519.36	-90.54	46.30	194.24
50783	89.26	15.87	-10.50	46.10	282.27	-471.16	-87.01	55.71	172.66
50784	90.36	15.15	-10.50	38.65	279.99	-424.44	-82.62	61.94	151.41
50785	95.25	9.56	-10.50	-2.46	266.03	-208.24	-43.16	49.28	46.68
50786	94.64	10.65	-10.50	3.19	268.62	-237.54	-50.82	55.47	60.74
50787	93.97	11.69	-10.50	9.31	270.59	-268.54	-58.28	60.70	76.40

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
50788	94.24	9.48	-10.50	0.86	285.81	-245.86	-44.06	55.30	43.18
50789	93.82	10.42	-10.50	5.58	286.12	-268.39	-50.46	59.58	55.94
50790	93.36	11.34	-10.50	10.63	285.68	-291.83	-56.84	63.16	69.94
50791	93.23	9.40	-10.50	4.40	305.00	-283.14	-45.17	58.59	39.49
50792	93.00	10.21	-10.50	8.11	303.07	-298.34	-50.32	61.69	50.78
50793	92.75	11.00	-10.50	11.82	300.55	-313.90	-55.51	63.55	63.67
50794	91.38	14.37	-10.50	30.97	277.87	-380.91	-77.49	65.32	131.86
50795	91.10	13.39	-10.50	28.10	299.50	-393.10	-71.68	66.76	111.17
50796	90.81	12.43	-10.50	25.19	318.30	-400.99	-66.29	64.61	89.74
50797	92.31	13.54	-10.50	23.47	275.37	-340.87	-71.67	65.82	112.62
50798	91.93	12.78	-10.50	22.16	293.94	-356.14	-67.27	67.22	97.55
50799	91.55	12.03	-10.50	20.85	310.70	-368.50	-63.24	66.29	82.00
50800	93.19	12.66	-10.50	16.27	272.69	-302.89	-65.28	64.38	94.86
50801	92.73	12.13	-10.50	16.27	288.16	-320.92	-62.48	65.48	84.77
50802	92.26	11.61	-10.50	16.27	302.87	-337.13	-59.92	65.69	73.18
50803	66.72	9.54	-9.50	-494.51	398.80	-1122.36	-156.61	-463.17	25.89
50804	65.70	9.48	-9.50	-549.51	391.39	-1110.49	-171.49	-455.46	40.18
50805	64.67	9.42	-9.50	-608.62	383.13	-1088.05	-187.00	-436.24	59.24
50806	66.45	10.61	-9.50	-455.12	378.49	-1150.61	-165.22	-453.99	63.72
50807	65.57	10.44	-9.50	-503.90	372.44	-1133.30	-177.14	-447.50	72.94
50808	64.70	10.26	-9.50	-556.02	365.48	-1108.21	-189.82	-431.77	84.67
50809	66.23	11.64	-9.50	-410.67	355.86	-1169.24	-167.57	-445.09	106.47
50810	65.49	11.36	-9.50	-455.04	352.92	-1149.55	-177.68	-440.48	108.93
50811	64.76	11.07	-9.50	-504.15	347.30	-1124.67	-187.03	-427.43	113.56
50812	77.85	9.97	-9.50	-82.07	401.81	-882.85	-64.78	-193.64	17.34
50813	76.67	10.05	-9.50	-107.53	404.80	-921.39	-69.20	-228.67	15.76
50814	75.51	10.06	-9.50	-137.63	407.91	-958.55	-74.23	-264.82	13.08
50815	74.38	10.03	-9.50	-171.58	410.48	-994.18	-80.13	-301.05	10.03
50816	73.25	9.99	-9.50	-209.01	412.16	-1027.50	-87.13	-336.34	7.20
50817	72.15	9.93	-9.50	-249.63	412.81	-1057.62	-95.38	-369.68	5.14
50818	71.04	9.86	-9.50	-293.23	412.34	-1083.57	-104.99	-399.92	4.35
50819	69.95	9.78	-9.50	-339.63	410.70	-1104.24	-116.01	-425.83	5.33
50820	68.86	9.70	-9.50	-388.77	407.84	-1118.39	-128.42	-446.02	8.61
50821	67.78	9.62	-9.50	-440.83	403.72	-1124.59	-142.05	-459.06	14.57
50822	77.80	11.83	-9.50	-64.72	382.32	-932.41	-70.07	-179.48	57.42
50823	76.52	11.99	-9.50	-89.15	385.40	-987.11	-75.68	-219.23	61.49
50824	75.28	12.02	-9.50	-117.11	388.10	-1031.80	-82.07	-258.19	62.16
50825	74.08	11.96	-9.50	-148.33	390.03	-1069.42	-89.16	-295.96	60.81
50826	72.91	11.84	-9.50	-182.74	391.18	-1101.00	-97.11	-331.96	58.49
50827	71.77	11.69	-9.50	-220.29	391.45	-1126.85	-106.05	-365.43	55.98
50828	70.65	11.50	-9.50	-260.98	390.76	-1146.63	-116.05	-395.39	53.93
50829	69.56	11.29	-9.50	-304.92	389.03	-1159.60	-127.11	-420.67	52.95
50830	68.48	11.07	-9.50	-352.36	386.22	-1164.76	-139.20	-439.84	53.50
50831	67.42	10.82	-9.50	-403.88	382.45	-1160.94	-152.28	-451.60	56.04
50832	77.79	13.61	-9.50	-43.91	360.88	-979.25	-73.78	-170.90	115.47
50833	76.48	13.75	-9.50	-64.61	363.57	-1033.39	-79.16	-210.58	122.02
50834	75.20	13.76	-9.50	-89.05	365.99	-1079.84	-85.50	-250.27	125.23
50835	73.95	13.68	-9.50	-116.83	367.68	-1119.38	-92.76	-289.23	125.54
50836	72.73	13.52	-9.50	-147.90	368.51	-1151.48	-100.94	-326.41	123.68
50837	71.55	13.30	-9.50	-182.36	368.40	-1175.81	-110.00	-360.78	120.36
50838	70.40	13.02	-9.50	-220.44	367.33	-1191.93	-119.95	-391.20	116.29
50839	69.28	12.71	-9.50	-262.50	365.32	-1199.34	-130.78	-416.34	112.13
50840	68.19	12.36	-9.50	-309.08	362.35	-1197.52	-142.48	-434.65	108.55
50841	67.13	11.98	-9.50	-360.85	358.65	-1185.52	-155.27	-444.33	105.59
50842	77.78	15.37	-9.50	-19.63	335.24	-1016.17	-74.74	-164.83	193.23
50843	76.46	15.46	-9.50	-37.05	337.44	-1067.72	-79.50	-205.26	201.51
50844	75.15	15.43	-9.50	-57.87	339.22	-1112.14	-85.08	-245.83	205.70
50845	73.87	15.31	-9.50	-82.06	340.29	-1149.58	-91.47	-285.71	206.04
50846	72.62	15.10	-9.50	-109.76	340.58	-1179.35	-98.72	-323.69	202.95
50847	71.40	14.82	-9.50	-141.25	340.06	-1200.82	-106.87	-358.51	197.02
50848	70.22	14.46	-9.50	-176.91	338.78	-1213.47	-115.99	-388.84	188.95
50849	69.07	14.06	-9.50	-217.33	336.83	-1216.86	-126.19	-413.28	179.57
50850	67.96	13.59	-9.50	-263.24	334.33	-1210.73	-137.55	-430.26	169.82
50851	66.89	13.09	-9.50	-315.43	331.06	-1194.86	-150.29	-438.24	161.05
50852	77.78	17.14	-9.50	8.61	296.63	-1020.15	-73.01	-162.58	284.18
50853	76.44	17.15	-9.50	-5.92	298.08	-1067.06	-75.94	-203.41	291.74
50854	75.12	17.07	-9.50	-23.74	299.39	-1107.88	-79.50	-244.30	294.53
50855	73.81	16.89	-9.50	-45.06	300.36	-1142.42	-83.83	-284.25	292.62
50856	72.53	16.62	-9.50	-70.16	300.94	-1170.00	-89.10	-321.99	286.30
50857	71.29	16.27	-9.50	-99.39	301.16	-1189.98	-95.51	-356.17	276.06
50858	70.08	15.85	-9.50	-133.22	301.05	-1201.80	-103.31	-385.41	262.62
50859	68.91	15.35	-9.50	-172.25	300.71	-1205.02	-112.76	-408.34	246.95
50860	67.78	14.79	-9.50	-217.37	300.26	-1199.35	-124.17	-423.61	230.29
50861	66.69	14.16	-9.50	-269.71	299.71	-1184.61	-137.57	-429.86	213.97
50862	77.77	18.90	-9.50	39.99	236.55	-969.93	-68.00	-164.17	365.56
50863	76.42	18.84	-9.50	27.90	238.37	-1013.52	-67.78	-203.58	370.51
50864	75.08	18.69	-9.50	12.29	240.66	-1052.58	-68.19	-242.88	370.47
50865	73.76	18.45	-9.50	-7.07	243.31	-1086.74	-69.54	-281.02	365.49
50866	72.46	18.11	-9.50	-30.47	246.24	-1115.44	-72.15	-316.79	355.77
50867	71.19	17.69	-9.50	-58.23	249.41	-1138.03	-76.43	-348.92	341.73
50868	69.96	17.19	-9.50	-90.79	252.77	-1153.89	-82.76	-376.11	324.05
50869	68.77	16.60	-9.50	-128.72	256.29	-1162.38	-91.58	-397.08	303.67
50870	67.62	15.94	-9.50	-172.87	259.99	-1162.90	-103.37	-410.65	281.77
50871	66.52	15.21	-9.50	-224.70	264.04	-1155.08	-118.43	-415.97	260.11
50872	61.65	9.56	-9.50	-798.11	336.15	-971.02	-237.52	-274.63	156.57
50873	62.25	10.66	-9.50	-661.77	314.39	-1014.47	-226.12	-310.93	172.92
50874	62.92	11.72	-9.50	-542.26	295.24	-1053.24	-204.98	-342.82	187.38
50875	62.65	9.49	-9.50	-732.08	355.23	-1017.55	-219.28	-346.11	117.50
50876	63.05	10.46	-9.50	-632.46	335.83	-1051.07	-213.82	-362.63	138.05
50877	63.51	11.40	-9.50	-539.20	317.38	-1080.49	-201.43	-378.24	159.03
50878	63.66	9.43	-9.50	-671.03	370.87	-1057.22	-202.61	-399.03	86.29
50879	63.86	10.27	-9.50	-602.35	353.28	-1081.64	-201.62	-401.90	107.04
50880	64.10	11.08	-9.50	-532.56	336.52	-1102.37	-196.42	-407.20	130.34
50881	65.50	14.42	-9.50	-284.04	267.43	-1139.73	-135.71	-411.42	237.49
50882	65.74	13.52	-9.50	-325.31	299.33	-1164.13	-151.77	-426.82	197.35
50883	66.00	12.61	-9.50	-366.63	328.21	-1174.80	-161.93	-436.71	153.37
50884	64.57	13.58	-9.50	-354.41	273.36	-1117.18	-156.67	-397.42	218.91
50885	64.92	12.88	-9.50	-386.33	302.28	-1139.54	-167.17	-416.64	184.54
50886	65.28	12.17	-9.50	-416.42	327.92	-1152.84	-173.04	-430.96	147.77

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
50887	63.69	12.69	-9.50	-438.70	281.45	-1087.47	-180.53	-375.44	203.42
50888	64.13	12.20	-9.50	-456.08	306.16	-1109.73	-184.75	-398.80	174.21
50889	64.58	11.71	-9.50	-471.42	330.00	-1125.68	-185.97	-417.03	143.55
50890	66.76	9.52	-10.50	-643.94	497.68	-1099.50	-210.00	-416.57	22.29
50891	65.73	9.46	-10.50	-711.48	488.36	-1098.18	-228.64	-406.33	35.44
50892	64.69	9.41	-10.50	-781.13	478.29	-1088.40	-248.04	-384.03	52.81
50893	66.54	10.54	-10.50	-599.77	472.62	-1122.15	-220.42	-408.72	54.04
50894	65.64	10.39	-10.50	-659.54	464.81	-1116.16	-235.90	-399.87	62.93
50895	64.75	10.22	-10.50	-721.07	456.17	-1103.77	-252.18	-381.36	73.90
50896	66.34	11.55	-10.50	-550.84	443.30	-1138.31	-224.78	-400.51	90.44
50897	65.58	11.29	-10.50	-604.52	439.48	-1129.55	-238.03	-393.80	93.58
50898	64.83	11.02	-10.50	-661.90	432.82	-1116.36	-250.44	-378.08	98.46
50899	77.88	9.92	-10.50	-108.64	505.35	-832.43	-88.38	-170.50	8.81
50900	76.73	9.94	-10.50	-141.95	509.78	-866.71	-94.72	-202.62	7.20
50901	75.60	9.94	-10.50	-180.92	513.53	-902.42	-102.02	-235.89	4.97
50902	74.47	9.91	-10.50	-224.94	516.39	-938.01	-110.44	-269.29	2.73
50903	73.35	9.88	-10.50	-273.68	518.03	-972.39	-120.21	-301.98	0.87
50904	72.24	9.83	-10.50	-326.82	518.28	-1004.63	-131.45	-332.97	-0.19
50905	71.13	9.78	-10.50	-384.01	517.06	-1033.81	-144.24	-361.15	-0.05
50906	70.02	9.72	-10.50	-444.85	514.33	-1058.96	-158.60	-385.20	1.68
50907	68.92	9.65	-10.50	-508.96	510.08	-1079.01	-174.49	-403.60	5.41
50908	67.83	9.58	-10.50	-576.07	504.34	-1092.74	-191.73	-414.67	11.29
50909	77.84	11.74	-10.50	-85.46	484.71	-872.35	-96.49	-160.34	46.01
50910	76.64	11.78	-10.50	-117.03	489.79	-916.68	-103.76	-194.25	45.78
50911	75.45	11.75	-10.50	-153.76	493.23	-956.34	-112.07	-228.76	44.65
50912	74.28	11.69	-10.50	-195.26	495.12	-992.65	-121.34	-263.05	43.35
50913	73.12	11.59	-10.50	-241.40	495.63	-1025.85	-131.77	-296.47	42.06
50914	71.98	11.46	-10.50	-292.02	494.79	-1055.46	-143.50	-328.02	41.02
50915	70.84	11.31	-10.50	-346.89	492.59	-1080.78	-156.59	-356.51	40.56
50916	69.73	11.13	-10.50	-405.79	489.06	-1100.91	-171.03	-380.52	41.05
50917	68.62	10.94	-10.50	-468.57	484.26	-1114.85	-186.77	-398.36	42.79
50918	67.53	10.73	-10.50	-535.32	478.42	-1121.44	-203.71	-408.19	46.06
50919	77.83	13.53	-10.50	-59.74	456.75	-910.47	-102.19	-152.90	101.71
50920	76.59	13.55	-10.50	-88.35	460.75	-956.46	-109.00	-187.62	103.51
50921	75.36	13.50	-10.50	-122.11	463.58	-998.17	-117.03	-223.26	103.62
50922	74.14	13.40	-10.50	-160.54	465.04	-1035.52	-126.27	-258.59	102.45
50923	72.94	13.24	-10.50	-203.60	465.08	-1068.32	-136.76	-292.78	100.38
50924	71.77	13.04	-10.50	-251.30	463.76	-1096.08	-148.54	-324.80	97.74
50925	70.61	12.80	-10.50	-303.62	461.17	-1118.15	-161.63	-353.37	94.87
50926	69.47	12.52	-10.50	-360.60	457.44	-1133.81	-176.02	-376.96	92.15
50927	68.36	12.21	-10.50	-422.29	452.69	-1142.37	-191.66	-393.77	90.03
50928	67.27	11.86	-10.50	-488.97	447.31	-1142.59	-208.65	-401.36	88.49
50929	77.81	15.32	-10.50	-32.25	419.40	-939.52	-104.13	-148.54	173.65
50930	76.54	15.31	-10.50	-57.76	422.52	-985.69	-110.02	-184.27	176.65
50931	75.27	15.23	-10.50	-88.12	424.63	-1027.29	-117.05	-220.75	177.19
50932	74.02	15.08	-10.50	-123.15	425.58	-1064.09	-125.33	-256.82	175.44
50933	72.79	14.86	-10.50	-162.91	425.33	-1095.56	-134.95	-291.45	171.59
50934	71.58	14.59	-10.50	-207.54	423.94	-1121.12	-145.99	-323.45	165.96
50935	70.39	14.26	-10.50	-257.19	421.56	-1140.18	-158.54	-351.45	158.97
50936	69.24	13.88	-10.50	-312.11	418.41	-1152.26	-172.66	-373.90	151.20
50937	68.11	13.45	-10.50	-372.59	414.75	-1156.94	-188.36	-389.08	143.36
50938	67.02	12.98	-10.50	-439.09	410.50	-1153.76	-205.72	-394.91	136.80
50939	77.79	17.10	-10.50	-3.26	366.76	-943.88	-102.14	-147.70	253.86
50940	76.49	17.06	-10.50	-25.66	368.95	-988.99	-106.04	-183.99	257.43
50941	75.19	16.94	-10.50	-52.70	370.64	-1029.58	-111.02	-220.68	257.45
50942	73.91	16.74	-10.50	-84.44	371.70	-1065.34	-117.32	-256.65	253.97
50943	72.64	16.47	-10.50	-121.05	372.09	-1095.72	-125.17	-290.76	247.16
50944	71.40	16.12	-10.50	-162.74	371.88	-1120.18	-134.77	-321.74	237.37
50945	70.19	15.71	-10.50	-209.75	371.21	-1138.25	-146.36	-348.22	225.19
50946	69.02	15.23	-10.50	-262.45	370.29	-1149.55	-160.15	-368.76	211.40
50947	67.88	14.68	-10.50	-321.36	369.41	-1153.80	-176.31	-381.92	197.11
50948	66.78	14.08	-10.50	-387.27	368.79	-1150.71	-194.70	-386.10	183.66
50949	77.78	18.88	-10.50	26.47	294.88	-909.78	-95.63	-150.19	322.30
50950	76.44	18.81	-10.50	7.17	296.55	-953.19	-96.49	-185.36	325.75
50951	75.11	18.65	-10.50	-16.77	298.65	-993.00	-98.44	-220.56	324.87
50952	73.79	18.39	-10.50	-45.52	301.06	-1028.84	-101.92	-254.74	319.68
50953	72.50	18.06	-10.50	-79.28	303.72	-1060.20	-107.33	-286.77	310.36
50954	71.23	17.64	-10.50	-118.25	306.61	-1086.57	-115.07	-315.45	297.32
50955	70.00	17.14	-10.50	-162.72	309.73	-1107.45	-125.53	-339.51	281.22
50956	68.81	16.56	-10.50	-213.08	313.17	-1122.34	-139.07	-357.72	262.98
50957	67.65	15.90	-10.50	-269.96	317.09	-1130.78	-156.01	-368.85	243.74
50958	66.55	15.18	-10.50	-334.58	321.91	-1132.44	-176.48	-372.01	225.22
50959	61.65	9.56	-10.50	-978.31	423.32	-1017.50	-310.53	-210.99	143.67
50960	62.26	10.65	-10.50	-830.60	393.43	-1050.23	-300.29	-253.41	156.50
50961	62.93	11.71	-10.50	-699.53	366.89	-1077.64	-278.60	-289.60	167.27
50962	62.66	9.49	-10.50	-914.24	445.51	-1047.83	-288.52	-286.64	106.43
50963	63.08	10.45	-10.50	-803.71	419.69	-1072.59	-284.05	-307.47	123.26
50964	63.54	11.37	-10.50	-699.66	394.98	-1093.37	-271.69	-326.25	140.69
50965	63.67	9.42	-10.50	-850.75	463.79	-1071.91	-267.72	-343.03	77.62
50966	63.90	10.24	-10.50	-772.70	441.18	-1090.07	-267.77	-348.87	94.53
50967	64.15	11.04	-10.50	-693.91	419.24	-1104.95	-263.24	-356.59	114.21
50968	65.53	14.40	-10.50	-406.31	326.77	-1127.70	-198.86	-365.47	206.03
50969	65.81	13.46	-10.50	-454.98	368.87	-1142.19	-213.38	-381.28	169.84
50970	66.10	12.52	-10.50	-501.95	407.10	-1145.95	-221.34	-391.72	130.90
50971	64.59	13.56	-10.50	-488.60	335.26	-1116.74	-224.44	-349.57	191.12
50972	64.98	12.83	-10.50	-526.69	373.28	-1129.41	-232.53	-369.23	159.88
50973	65.36	12.11	-10.50	-561.03	407.00	-1135.05	-235.56	-383.96	126.92
50974	63.71	12.68	-10.50	-584.48	347.11	-1099.64	-252.02	-325.32	179.32
50975	64.18	12.17	-10.50	-606.41	379.25	-1112.05	-253.39	-349.35	152.39
50976	64.64	11.67	-10.50	-624.57	409.94	-1119.49	-251.47	-367.98	124.80
50977	90.12	-9.50	-9.50	-11.75	230.85	-272.18	50.03	13.50	-48.18
50978	91.16	-9.45	-9.50	-11.74	217.58	-233.28	48.48	15.15	-45.94
50979	92.20	-9.40	-9.50	-12.16	204.08	-195.22	46.83	14.39	-43.69
50980	90.31	-10.51	-9.50	-9.19	217.31	-265.48	51.61	12.89	-54.13
50981	91.22	-10.36	-9.50	-9.48	207.22	-231.11	50.04	14.22	-51.31
50982	92.12	-10.20	-9.50	-10.28	196.93	-197.76	48.39	13.43	-48.30
50983	90.50	-11.51	-9.50	-6.58	203.73	-258.65	52.74	12.29	-61.55
50984	91.27	-11.26	-9.50	-7.16	196.85	-229.08	51.46	13.29	-57.63
50985	92.04	-10.99	-9.50	-7.81	189.73	-200.62	49.69	13.03	-54.25

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
50986	79.01	-9.90	-9.50	-97.44	336.68	-694.99	63.46	-154.51	-52.73
50987	80.14	-9.89	-9.50	-78.11	329.45	-653.59	61.58	-126.12	-54.72
50988	81.26	-9.87	-9.50	-61.78	321.32	-611.56	60.06	-99.86	-56.09
50989	82.38	-9.85	-9.50	-48.27	312.34	-569.09	58.76	-76.05	-56.83
50990	83.50	-9.82	-9.50	-37.35	302.56	-526.34	57.58	-54.89	-56.97
50991	84.62	-9.78	-9.50	-28.77	292.05	-483.46	56.45	-36.51	-56.55
50992	85.73	-9.74	-9.50	-22.27	280.85	-440.55	55.30	-20.97	-55.63
50993	86.84	-9.69	-9.50	-17.58	269.05	-397.73	54.10	-8.26	-54.27
50994	87.95	-9.63	-9.50	-14.45	256.69	-355.11	52.82	1.68	-52.54
50995	89.05	-9.56	-9.50	-12.62	243.95	-312.84	51.45	8.92	-50.48
50996	79.03	-11.69	-9.50	-85.51	310.61	-703.45	68.85	-145.34	-69.96
50997	80.20	-11.67	-9.50	-67.68	303.78	-659.28	66.40	-117.90	-71.04
50998	81.36	-11.62	-9.50	-52.65	296.23	-614.59	64.35	-92.67	-71.44
50999	82.52	-11.55	-9.50	-40.26	288.02	-569.65	62.58	-69.91	-71.16
51000	83.67	-11.46	-9.50	-30.32	279.20	-524.63	60.99	-49.81	-70.23
51001	84.82	-11.35	-9.50	-22.61	269.82	-479.70	59.47	-32.47	-68.69
51002	85.96	-11.21	-9.50	-16.91	259.94	-435.01	57.98	-17.93	-66.60
51003	87.09	-11.06	-9.50	-12.99	249.63	-390.71	56.47	-6.18	-64.01
51004	88.20	-10.88	-9.50	-10.59	238.96	-346.99	54.90	2.85	-60.96
51005	89.31	-10.68	-9.50	-9.44	228.02	-304.08	53.21	9.25	-57.51
51006	79.05	-13.49	-9.50	-70.52	285.11	-715.62	71.82	-137.34	-98.96
51007	80.26	-13.45	-9.50	-54.67	278.62	-668.47	68.88	-110.58	-98.19
51008	81.47	-13.37	-9.50	-41.37	271.57	-620.75	66.42	-86.10	-96.60
51009	82.66	-13.26	-9.50	-30.47	264.02	-572.81	64.34	-64.15	-94.21
51010	83.85	-13.10	-9.50	-21.85	256.02	-524.92	62.52	-44.90	-91.08
51011	85.03	-12.91	-9.50	-15.33	247.66	-477.32	60.87	-28.44	-87.29
51012	86.19	-12.69	-9.50	-10.71	239.00	-430.27	59.30	-14.80	-82.90
51013	87.33	-12.43	-9.50	-7.80	230.10	-384.01	57.74	-3.98	-78.00
51014	88.46	-12.13	-9.50	-6.36	221.04	-338.85	56.13	4.09	-72.67
51015	89.56	-11.80	-9.50	-6.13	211.91	-295.12	54.36	9.40	-66.89
51016	79.08	-15.29	-9.50	-52.01	258.31	-723.10	72.60	-131.55	-142.21
51017	80.33	-15.23	-9.50	-38.66	252.31	-673.48	69.50	-105.03	-138.46
51018	81.57	-15.12	-9.50	-27.60	245.84	-623.06	66.94	-80.89	-133.54
51019	82.81	-14.96	-9.50	-18.71	238.99	-572.34	64.83	-59.39	-127.57
51020	84.03	-14.75	-9.50	-11.89	231.88	-521.74	63.04	-40.72	-120.71
51021	85.23	-14.48	-9.50	-6.98	224.59	-471.67	61.48	-24.96	-113.11
51022	86.42	-14.16	-9.50	-3.82	217.22	-422.50	60.03	-12.13	-104.93
51023	87.58	-13.80	-9.50	-2.19	209.83	-374.62	58.58	-2.20	-96.36
51024	88.72	-13.38	-9.50	-1.87	202.50	-328.45	57.02	4.93	-87.55
51025	89.82	-12.92	-9.50	-2.58	195.13	-284.40	55.26	9.34	-78.80
51026	79.10	-17.08	-9.50	-29.82	224.37	-710.65	71.48	-129.16	-196.09
51027	80.39	-17.01	-9.50	-19.49	219.53	-660.39	69.00	-102.61	-188.57
51028	81.67	-16.87	-9.50	-11.28	214.39	-609.18	66.95	-78.54	-179.28
51029	82.95	-16.66	-9.50	-5.02	209.06	-557.62	65.26	-57.24	-168.55
51030	84.20	-16.39	-9.50	-0.59	203.63	-506.28	63.82	-38.92	-156.69
51031	85.44	-16.04	-9.50	2.19	198.20	-455.68	62.52	-23.66	-144.04
51032	86.65	-15.64	-9.50	3.51	192.85	-406.32	61.23	-11.45	-130.91
51033	87.83	-15.17	-9.50	3.57	187.64	-358.67	59.84	-2.21	-117.63
51034	88.97	-14.63	-9.50	2.61	182.61	-313.16	58.28	4.23	-104.51
51035	90.08	-14.04	-9.50	0.90	177.79	-270.21	56.49	8.09	-91.85
51036	79.12	-18.88	-9.50	-4.58	177.10	-663.32	68.42	-131.45	-245.74
51037	80.45	-18.79	-9.50	2.31	174.64	-615.55	67.57	-105.46	-235.07
51038	81.78	-18.62	-9.50	7.18	172.36	-567.11	66.89	-81.77	-222.02
51039	83.09	-18.37	-9.50	10.26	170.18	-518.55	66.24	-60.74	-207.09
51040	84.38	-18.03	-9.50	11.79	168.10	-470.38	65.51	-42.62	-190.79
51041	85.65	-17.61	-9.50	11.99	166.12	-423.10	64.59	-27.50	-173.60
51042	86.88	-17.11	-9.50	11.11	164.23	-377.17	63.41	-15.39	-156.01
51043	88.08	-16.54	-9.50	9.37	162.45	-332.99	61.93	-6.20	-138.44
51044	89.23	-15.88	-9.50	6.99	160.77	-290.94	60.13	0.28	-121.30
51045	90.34	-15.16	-9.50	4.18	159.19	-251.38	58.05	4.30	-104.97
51046	95.25	-9.56	-9.50	-13.05	159.32	-90.73	40.43	-0.41	-36.87
51047	94.64	-10.65	-9.50	-10.56	158.21	-109.06	43.72	1.77	-44.68
51048	93.96	-11.70	-9.50	-7.87	157.22	-129.86	46.92	3.88	-53.80
51049	94.23	-9.48	-9.50	-12.81	174.36	-123.87	42.85	6.51	-38.96
51050	93.81	-10.44	-9.50	-10.58	171.56	-137.54	45.39	7.20	-45.50
51051	93.34	-11.36	-9.50	-8.22	168.75	-152.71	47.91	7.86	-53.00
51052	93.22	-9.41	-9.50	-12.37	189.14	-158.72	44.89	11.78	-41.24
51053	92.98	-10.23	-9.50	-10.42	184.80	-166.66	46.79	11.48	-46.38
51054	92.72	-11.03	-9.50	-8.81	180.43	-175.47	48.61	10.65	-52.71
51055	91.36	-14.38	-9.50	1.12	158.28	-215.68	55.62	6.30	-90.62
51056	91.05	-13.43	-9.50	-1.30	174.18	-233.51	54.54	9.77	-80.97
51057	90.75	-12.48	-9.50	-3.89	189.23	-248.39	53.60	11.20	-71.64
51058	92.30	-13.56	-9.50	-1.96	157.42	-183.92	52.93	6.48	-77.17
51059	91.89	-12.81	-9.50	-3.52	171.37	-202.82	52.50	9.91	-71.13
51060	91.50	-12.07	-9.50	-5.13	184.83	-219.94	52.15	12.08	-65.33
51061	93.18	-12.67	-9.50	-4.92	156.85	-154.77	49.96	5.67	-65.37
51062	92.70	-12.15	-9.50	-5.84	168.60	-174.34	50.24	8.69	-62.21
51063	92.22	-11.64	-9.50	-6.68	180.32	-193.05	50.57	11.38	-58.38
51064	90.12	-9.50	-10.50	-16.80	292.97	-264.29	64.20	11.20	-38.37
51065	91.16	-9.45	-10.50	-16.57	278.02	-227.85	62.33	12.38	-36.73
51066	92.20	-9.40	-10.50	-16.71	262.91	-192.25	60.38	11.39	-35.17
51067	90.31	-10.51	-10.50	-13.82	278.04	-256.59	67.24	10.91	-44.08
51068	91.22	-10.36	-10.50	-13.96	266.60	-224.68	65.18	11.78	-41.80
51069	92.12	-10.20	-10.50	-14.53	255.04	-193.74	63.03	10.72	-39.41
51070	90.50	-11.51	-10.50	-10.73	262.72	-248.87	69.73	10.51	-51.10
51071	91.27	-11.26	-10.50	-11.20	254.96	-221.70	67.82	11.07	-47.68
51072	92.04	-10.99	-10.50	-11.76	246.92	-195.56	65.45	10.53	-44.89
51073	79.01	-9.90	-10.50	-127.58	416.29	-662.98	85.79	-137.64	-40.32
51074	80.14	-9.89	-10.50	-102.46	407.66	-623.55	82.45	-112.10	-42.15
51075	81.26	-9.87	-10.50	-81.27	397.98	-583.72	79.66	-88.55	-43.51
51076	82.38	-9.85	-10.50	-63.76	387.33	-543.62	77.27	-67.27	-44.35
51077	83.50	-9.82	-10.50	-49.64	375.79	-503.36	75.15	-48.42	-44.70
51078	84.62	-9.78	-10.50	-38.56	363.44	-463.02	73.22	-32.13	-44.58
51079	85.73	-9.74	-10.50	-30.19	350.37	-422.66	71.38	-18.44	-44.01
51080	86.84	-9.69	-10.50	-24.19	336.67	-382.37	69.57	-7.35	-43.05
51081	87.95	-9.63	-10.50	-20.23	322.43	-342.25	67.78	1.22	-41.74
51082	89.05	-9.56	-10.50	-17.93	307.84	-302.48	65.97	7.38	-40.15
51083	79.03	-11.69	-10.50	-111.43	387.38	-667.41	93.98	-129.23	-57.64
51084	80.20	-11.67	-10.50	-88.26	379.38	-625.55	90.03	-104.29	-58.52

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
51085	81.36	-11.62	-10.50	-68.85	370.48	-583.40	86.67	-81.49	-58.85
51086	82.52	-11.55	-10.50	-52.97	360.74	-541.13	83.75	-61.04	-58.63
51087	83.67	-11.46	-10.50	-40.31	350.26	-498.89	81.13	-43.09	-57.86
51088	84.82	-11.35	-10.50	-30.57	339.14	-456.79	78.71	-27.74	-56.57
51089	85.96	-11.21	-10.50	-23.43	327.47	-414.95	76.39	-15.02	-54.79
51090	87.09	-11.06	-10.50	-18.56	315.35	-373.48	74.11	-4.89	-52.57
51091	88.20	-10.88	-10.50	-15.62	302.91	-332.59	71.81	2.74	-49.95
51092	89.31	-10.68	-10.50	-14.22	290.28	-292.53	69.42	8.03	-46.97
51093	79.05	-13.49	-10.50	-92.64	356.21	-673.60	99.02	-122.23	-86.28
51094	80.26	-13.45	-10.50	-71.88	349.01	-629.24	94.74	-97.68	-85.33
51095	81.47	-13.37	-10.50	-54.67	341.02	-584.56	91.09	-75.38	-83.64
51096	82.66	-13.26	-10.50	-40.76	332.35	-539.82	87.91	-55.53	-81.26
51097	83.85	-13.10	-10.50	-29.89	323.09	-495.25	85.08	-38.28	-78.24
51098	85.03	-12.91	-10.50	-21.77	313.37	-451.05	82.46	-23.71	-74.65
51099	86.19	-12.69	-10.50	-16.08	303.29	-407.41	79.96	-11.84	-70.55
51100	87.33	-12.43	-10.50	-12.51	292.97	-364.56	77.46	-2.60	-66.02
51101	88.46	-12.13	-10.50	-10.73	282.49	-322.79	74.90	4.10	-61.15
51102	89.56	-11.80	-10.50	-10.35	272.02	-282.43	72.17	8.32	-55.91
51103	79.08	-15.29	-10.50	-71.40	320.66	-675.21	101.02	-117.75	-126.77
51104	80.33	-15.23	-10.50	-53.47	314.60	-628.84	96.89	-93.29	-123.07
51105	81.57	-15.12	-10.50	-38.84	307.89	-582.01	93.37	-71.19	-118.26
51106	82.81	-14.96	-10.50	-27.28	300.66	-535.11	90.32	-51.67	-112.49
51107	84.03	-14.75	-10.50	-18.53	293.03	-488.49	87.59	-34.89	-105.92
51108	85.23	-14.48	-10.50	-12.29	285.13	-442.48	85.04	-20.91	-98.71
51109	86.42	-14.16	-10.50	-8.27	277.05	-397.39	82.56	-9.72	-91.03
51110	87.58	-13.80	-10.50	-6.14	268.90	-353.55	80.03	-1.25	-83.05
51111	88.72	-13.38	-10.50	-5.56	260.77	-311.32	77.33	4.66	-74.94
51112	89.82	-12.92	-10.50	-6.14	252.58	-271.10	74.40	8.12	-66.97
51113	79.10	-17.08	-10.50	-48.07	276.62	-661.88	100.01	-116.75	-173.86
51114	80.39	-17.01	-10.50	-33.28	272.37	-614.90	96.76	-92.38	-167.00
51115	81.67	-16.87	-10.50	-21.58	267.76	-567.40	93.99	-70.40	-158.48
51116	82.95	-16.66	-10.50	-12.71	262.88	-519.86	91.55	-51.06	-148.61
51117	84.20	-16.39	-10.50	-6.38	257.81	-472.73	89.28	-34.55	-137.71
51118	85.44	-16.04	-10.50	-2.28	252.64	-426.42	87.05	-20.92	-126.11
51119	86.65	-15.64	-10.50	-0.10	247.44	-381.35	84.75	-10.15	-114.13
51120	87.83	-15.17	-10.50	0.48	242.27	-337.89	82.25	-2.12	-102.05
51121	88.97	-14.63	-10.50	-0.18	237.17	-296.43	79.50	3.35	-90.17
51122	90.08	-14.04	-10.50	-1.75	232.18	-257.31	76.50	6.51	-78.76
51123	79.12	-18.88	-10.50	-23.26	221.10	-624.36	95.61	-120.15	-214.67
51124	80.45	-18.79	-10.50	-11.77	219.53	-578.95	94.06	-96.54	-205.45
51125	81.78	-18.62	-10.50	-3.20	218.15	-533.27	92.77	-75.06	-194.07
51126	83.09	-18.37	-10.50	2.78	216.89	-487.77	91.52	-56.03	-180.96
51127	84.38	-18.03	-10.50	6.49	215.71	-442.86	90.15	-39.66	-166.57
51128	85.65	-17.61	-10.50	8.28	214.58	-398.94	88.53	-26.04	-151.37
51129	86.88	-17.11	-10.50	8.48	213.48	-356.37	86.55	-15.16	-135.78
51130	88.08	-16.54	-10.50	7.42	212.38	-315.52	84.19	-6.93	-120.20
51131	89.23	-15.88	-10.50	5.42	211.30	-276.71	81.42	-1.17	-104.98
51132	90.34	-15.16	-10.50	2.75	210.20	-240.25	78.29	2.38	-90.46
51133	95.25	-9.56	-10.50	-15.94	213.25	-92.55	53.55	-2.58	-30.56
51134	94.64	-10.65	-10.50	-13.17	211.67	-109.47	58.23	-0.52	-37.33
51135	93.96	-11.70	-10.50	-10.10	210.13	-128.58	62.74	1.52	-45.23
51136	94.23	-9.48	-10.50	-16.36	229.94	-124.75	56.03	3.81	-31.92
51137	93.81	-10.44	-10.50	-13.88	226.68	-136.94	59.84	4.58	-37.65
51138	93.34	-11.36	-10.50	-11.16	223.26	-150.49	63.59	5.31	-44.22
51139	93.22	-9.41	-10.50	-16.47	246.34	-157.94	58.20	8.81	-33.46
51140	92.98	-10.23	-10.50	-14.28	241.49	-164.62	61.20	8.71	-38.05
51141	92.72	-11.03	-10.50	-12.28	236.48	-172.11	64.12	8.05	-43.74
51142	91.36	-14.38	-10.50	-0.33	209.74	-207.39	74.81	4.11	-77.77
51143	91.05	-13.43	-10.50	-3.93	228.46	-223.92	73.39	7.74	-69.04
51144	90.75	-12.48	-10.50	-7.39	246.02	-238.28	71.73	9.38	-60.53
51145	92.30	-13.56	-10.50	-3.57	209.31	-178.23	71.05	4.14	-65.82
51146	91.89	-12.81	-10.50	-6.17	225.59	-196.01	70.33	7.61	-60.26
51147	91.50	-12.07	-10.50	-8.58	241.15	-212.39	69.44	9.89	-54.90
51148	93.18	-12.67	-10.50	-6.80	209.18	-151.46	66.99	3.28	-55.45
51149	92.70	-12.15	-10.50	-8.56	222.75	-170.08	67.04	6.23	-52.38
51150	92.22	-11.64	-10.50	-10.07	236.23	-187.88	66.98	8.95	-48.68
51151	66.76	-9.49	-9.50	-516.46	350.19	-980.33	148.67	-418.92	-36.78
51152	65.73	-9.44	-9.50	-568.85	343.67	-971.16	163.19	-408.44	-46.66
51153	64.69	-9.39	-9.50	-624.99	336.43	-952.55	178.63	-386.86	-61.10
51154	66.54	-10.47	-9.50	-480.73	328.61	-992.32	157.54	-405.04	-57.38
51155	65.64	-10.33	-9.50	-526.48	323.59	-981.05	169.47	-396.52	-65.17
51156	64.75	-10.18	-9.50	-575.36	317.58	-962.63	182.25	-379.35	-75.33
51157	66.34	-11.46	-9.50	-439.68	304.89	-999.94	162.28	-391.25	-83.50
51158	65.57	-11.21	-9.50	-480.53	302.99	-987.48	172.18	-385.38	-87.56
51159	64.82	-10.96	-9.50	-525.76	298.23	-970.60	181.44	-371.33	-93.07
51160	77.88	-9.89	-9.50	-120.07	343.04	-735.72	65.86	-184.80	-50.07
51161	76.75	-9.88	-9.50	-146.25	348.57	-775.42	68.87	-216.76	-46.74
51162	75.61	-9.86	-9.50	-175.70	353.09	-813.39	72.74	-249.32	-42.95
51163	74.49	-9.83	-9.50	-208.36	356.56	-849.21	77.61	-281.78	-38.90
51164	73.37	-9.80	-9.50	-244.15	358.96	-882.37	83.64	-313.30	-34.87
51165	72.25	-9.76	-9.50	-282.91	360.28	-912.21	90.98	-342.91	-31.20
51166	71.14	-9.71	-9.50	-324.48	360.50	-937.98	99.72	-369.51	-28.30
51167	70.03	-9.66	-9.50	-368.74	359.58	-958.76	109.93	-391.84	-26.66
51168	68.93	-9.60	-9.50	-415.62	357.48	-973.48	121.59	-408.52	-26.82
51169	67.83	-9.54	-9.50	-465.22	354.18	-980.94	134.61	-418.07	-29.14
51170	77.85	-11.68	-9.50	-106.65	316.89	-747.42	71.91	-175.10	-67.99
51171	76.65	-11.64	-9.50	-131.32	322.57	-790.56	75.70	-206.74	-65.21
51172	75.46	-11.58	-9.50	-158.98	327.28	-831.57	80.35	-238.99	-61.97
51173	74.29	-11.50	-9.50	-189.55	331.01	-869.91	86.02	-271.13	-58.47
51174	73.13	-11.40	-9.50	-222.95	333.74	-904.89	92.82	-302.31	-54.98
51175	71.98	-11.28	-9.50	-259.10	335.45	-935.68	100.82	-331.57	-51.83
51176	70.85	-11.15	-9.50	-297.98	336.10	-961.35	110.06	-357.82	-49.42
51177	69.73	-10.99	-9.50	-339.68	335.66	-980.82	120.51	-379.75	-48.14
51178	68.62	-10.82	-9.50	-384.45	334.11	-992.94	132.11	-395.90	-48.37
51179	67.53	-10.63	-9.50	-432.77	331.46	-996.61	144.80	-404.73	-50.47
51180	77.82	-13.48	-9.50	-89.51	291.23	-762.64	75.48	-166.62	-98.60
51181	76.57	-13.42	-9.50	-111.80	296.85	-808.69	79.97	-197.94	-97.13
51182	75.34	-13.32	-9.50	-136.76	301.53	-852.03	85.33	-229.88	-94.98
51183	74.12	-13.19	-9.50	-164.39	305.24	-891.96	91.63	-261.73	-92.31

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
51184	72.92	-13.03	-9.50	-194.68	307.96	-927.64	98.94	-292.65	-89.32
51185	71.75	-12.83	-9.50	-227.71	309.66	-958.13	107.28	-321.65	-86.28
51186	70.59	-12.61	-9.50	-263.67	310.34	-982.38	116.63	-347.56	-83.52
51187	69.46	-12.35	-9.50	-302.94	310.01	-999.32	126.96	-369.01	-81.39
51188	68.35	-12.06	-9.50	-346.05	308.68	-1007.94	138.22	-384.40	-80.28
51189	67.26	-11.74	-9.50	-393.77	306.45	-1007.43	150.46	-391.71	-80.16
51190	77.80	-15.28	-9.50	-68.22	264.02	-772.31	76.46	-160.71	-144.42
51191	76.50	-15.20	-9.50	-87.36	269.22	-820.12	81.17	-191.84	-145.02
51192	75.23	-15.07	-9.50	-108.97	273.49	-864.53	86.67	-223.64	-144.31
51193	73.98	-14.90	-9.50	-133.15	276.78	-904.74	92.99	-255.30	-142.34
51194	72.74	-14.67	-9.50	-160.02	279.09	-939.88	100.16	-285.94	-139.24
51195	71.54	-14.40	-9.50	-189.86	280.44	-969.00	108.19	-314.48	-135.21
51196	70.36	-14.08	-9.50	-223.05	280.90	-991.16	117.10	-339.69	-130.54
51197	69.21	-13.72	-9.50	-260.19	280.59	-1005.48	126.93	-360.15	-125.66
51198	68.09	-13.31	-9.50	-302.07	279.64	-1011.21	137.77	-374.26	-121.11
51199	67.00	-12.86	-9.50	-349.63	277.96	-1007.93	149.72	-380.21	-117.88
51200	77.78	-17.07	-9.50	-42.74	229.06	-760.12	74.59	-158.26	-201.46
51201	76.46	-16.99	-9.50	-58.28	233.33	-807.78	78.44	-189.11	-204.44
51202	75.15	-16.84	-9.50	-76.31	236.86	-851.77	82.94	-220.55	-205.05
51203	73.86	-16.62	-9.50	-97.03	239.63	-891.32	88.15	-251.69	-203.24
51204	72.60	-16.34	-9.50	-120.71	241.70	-925.61	94.15	-281.52	-199.08
51205	71.36	-15.99	-9.50	-147.72	243.13	-953.87	101.04	-308.91	-192.78
51206	70.16	-15.58	-9.50	-178.57	244.07	-975.33	108.97	-332.61	-184.71
51207	68.99	-15.11	-9.50	-213.97	244.69	-989.31	118.14	-351.27	-175.47
51208	67.85	-14.58	-9.50	-254.86	245.21	-995.28	128.83	-363.50	-165.94
51209	66.76	-14.00	-9.50	-302.46	245.83	-992.88	141.13	-367.81	-157.16
51210	77.77	-18.88	-9.50	-13.94	179.90	-710.18	69.50	-159.52	-253.62
51211	76.43	-18.79	-9.50	-25.84	182.72	-755.37	71.05	-188.94	-258.42
51212	75.09	-18.61	-9.50	-40.47	185.51	-797.77	73.15	-218.72	-259.89
51213	73.77	-18.35	-9.50	-58.11	188.33	-836.71	75.97	-247.96	-257.93
51214	72.48	-18.01	-9.50	-79.09	191.20	-871.52	79.76	-275.65	-252.62
51215	71.22	-17.59	-9.50	-103.82	194.18	-901.50	84.79	-300.68	-244.22
51216	69.98	-17.09	-9.50	-132.81	197.34	-925.96	91.40	-321.89	-233.21
51217	68.79	-16.51	-9.50	-166.75	200.79	-944.22	99.99	-338.09	-220.32
51218	67.64	-15.87	-9.50	-206.60	204.67	-955.60	111.01	-348.16	-206.52
51219	66.54	-15.15	-9.50	-253.90	209.25	-959.53	124.82	-351.19	-193.31
51220	61.65	-9.56	-9.50	-804.51	292.33	-851.51	231.91	-222.82	-141.43
51221	62.26	-10.65	-9.50	-671.07	267.88	-882.22	222.44	-254.18	-149.14
51222	62.93	-11.69	-9.50	-554.51	246.51	-908.14	203.69	-282.03	-154.91
51223	62.66	-9.48	-9.50	-741.98	310.41	-891.63	212.12	-293.69	-107.82
51224	63.08	-10.42	-9.50	-645.45	288.98	-913.74	208.32	-306.83	-119.02
51225	63.54	-11.34	-9.50	-555.29	268.86	-932.41	198.24	-319.17	-131.09
51226	63.67	-9.40	-9.50	-684.29	325.11	-926.01	194.54	-347.25	-82.51
51227	63.90	-10.21	-9.50	-618.16	306.01	-940.42	194.72	-347.57	-93.68
51228	64.15	-11.00	-9.50	-551.50	287.91	-952.13	191.59	-350.50	-107.76
51229	65.52	-14.37	-9.50	-308.80	213.71	-956.50	140.66	-345.73	-179.21
51230	65.80	-13.39	-9.50	-353.65	246.72	-984.15	154.07	-364.05	-147.74
51231	66.09	-12.43	-9.50	-396.50	276.44	-998.49	160.61	-377.84	-114.99
51232	64.59	-13.54	-9.50	-374.80	220.96	-946.61	159.83	-332.17	-169.11
51233	64.97	-12.78	-9.50	-410.43	250.87	-970.37	167.93	-354.13	-141.74
51234	65.35	-12.03	-9.50	-442.34	277.10	-985.06	170.77	-371.59	-113.74
51235	63.71	-12.66	-9.50	-454.85	230.65	-929.69	181.65	-311.62	-161.95
51236	64.17	-12.13	-9.50	-475.85	256.01	-951.34	183.78	-337.48	-138.03
51237	64.64	-11.61	-9.50	-493.40	280.31	-967.06	182.46	-358.17	-114.47
51238	66.76	-9.49	-10.50	-671.57	431.70	-971.23	200.74	-375.25	-29.77
51239	65.73	-9.44	-10.50	-735.39	424.30	-971.60	218.93	-362.65	-38.73
51240	64.69	-9.39	-10.50	-801.00	416.29	-964.47	238.22	-338.57	-51.89
51241	66.54	-10.47	-10.50	-631.31	403.84	-979.88	212.72	-363.27	-48.67
51242	65.64	-10.33	-10.50	-686.95	398.26	-977.91	227.88	-352.47	-55.51
51243	64.75	-10.18	-10.50	-744.17	391.86	-970.32	243.98	-332.86	-64.57
51244	66.34	-11.46	-10.50	-584.82	372.70	-984.96	219.80	-350.87	-71.76
51245	65.57	-11.21	-10.50	-634.26	371.10	-981.44	232.58	-342.77	-75.30
51246	64.82	-10.96	-10.50	-687.05	366.56	-974.55	244.54	-326.34	-80.14
51247	77.88	-9.89	-10.50	-157.06	423.88	-702.05	89.86	-164.96	-37.96
51248	76.75	-9.88	-10.50	-191.21	430.47	-740.47	94.77	-193.91	-35.09
51249	75.61	-9.86	-10.50	-229.71	435.83	-777.66	100.75	-223.51	-31.90
51250	74.49	-9.83	-10.50	-272.51	439.90	-813.28	107.97	-253.11	-28.58
51251	73.37	-9.80	-10.50	-319.48	442.67	-846.93	116.56	-281.94	-25.37
51252	72.25	-9.76	-10.50	-370.41	444.11	-878.10	126.67	-309.09	-22.55
51253	71.14	-9.71	-10.50	-425.00	444.21	-906.19	138.37	-333.47	-20.48
51254	70.03	-9.66	-10.50	-482.90	442.95	-930.46	151.71	-353.79	-19.52
51255	68.93	-9.60	-10.50	-543.76	440.33	-950.04	166.66	-368.60	-20.11
51256	67.83	-9.54	-10.50	-607.30	436.39	-963.93	183.12	-376.31	-22.47
51257	77.85	-11.68	-10.50	-139.12	394.63	-709.34	98.75	-156.38	-56.02
51258	76.65	-11.64	-10.50	-171.62	401.03	-750.85	104.47	-185.37	-53.73
51259	75.46	-11.58	-10.50	-208.29	406.18	-790.73	111.29	-215.05	-51.10
51260	74.29	-11.50	-10.50	-249.05	410.05	-828.55	119.34	-244.71	-48.30
51261	73.13	-11.40	-10.50	-293.77	412.63	-863.79	128.74	-273.57	-45.53
51262	71.98	-11.28	-10.50	-342.28	413.95	-895.80	139.55	-300.65	-43.06
51263	70.85	-11.15	-10.50	-394.40	414.00	-923.84	151.78	-324.81	-41.20
51264	69.73	-10.99	-10.50	-449.97	412.84	-947.11	165.41	-344.70	-40.27
51265	68.62	-10.82	-10.50	-508.86	410.53	-964.70	180.36	-358.74	-40.54
51266	67.53	-10.63	-10.50	-571.12	407.20	-975.73	196.57	-365.28	-42.33
51267	77.82	-13.48	-10.50	-117.82	362.85	-718.14	104.21	-149.25	-86.22
51268	76.57	-13.42	-10.50	-147.68	368.73	-762.18	110.46	-178.25	-85.14
51269	75.34	-13.32	-10.50	-181.50	373.38	-804.10	117.80	-207.93	-83.42
51270	74.12	-13.19	-10.50	-219.25	376.77	-843.35	126.34	-237.60	-81.16
51271	72.92	-13.03	-10.50	-260.88	378.93	-879.30	136.17	-266.38	-78.54
51272	71.75	-12.83	-10.50	-306.34	379.90	-911.22	147.31	-293.27	-75.76
51273	70.59	-12.61	-10.50	-355.64	379.76	-938.35	159.77	-317.04	-73.08
51274	69.46	-12.35	-10.50	-408.81	378.65	-959.91	173.48	-336.26	-70.85
51275	68.35	-12.06	-10.50	-466.01	376.70	-975.13	188.37	-349.21	-69.44
51276	67.26	-11.74	-10.50	-527.51	374.15	-983.34	204.47	-353.83	-68.85
51277	77.80	-15.28	-10.50	-93.48	326.29	-721.59	106.06	-144.76	-129.00
51278	76.50	-15.20	-10.50	-119.91	331.27	-767.16	112.19	-173.70	-129.67
51279	75.23	-15.07	-10.50	-150.13	335.10	-810.10	119.36	-203.30	-129.01
51280	73.98	-14.90	-10.50	-184.21	337.79	-849.82	127.68	-232.77	-127.05
51281	72.74	-14.67	-10.50	-222.23	339.41	-885.63	137.25	-261.19	-123.88
51282	71.54	-14.40	-10.50	-264.29	340.05	-916.86	148.13	-287.46	-119.71

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
51283	70.36	-14.08	-10.50	-310.56	339.87	-942.82	160.35	-310.33	-114.82
51284	69.21	-13.72	-10.50	-361.29	339.12	-962.87	173.95	-328.33	-109.68
51285	68.09	-13.31	-10.50	-416.89	338.05	-976.45	188.92	-339.81	-104.90
51286	67.00	-12.86	-10.50	-477.84	336.66	-983.16	205.23	-342.97	-101.54
51287	77.78	-17.07	-10.50	-66.66	280.69	-708.60	104.00	-143.55	-178.68
51288	76.46	-16.99	-10.50	-89.18	284.33	-754.21	108.97	-172.00	-181.23
51289	75.15	-16.84	-10.50	-115.44	287.21	-797.10	114.94	-200.99	-181.47
51290	73.86	-16.62	-10.50	-145.62	289.35	-836.67	122.05	-229.63	-179.37
51291	72.60	-16.34	-10.50	-179.88	290.85	-872.30	130.49	-256.95	-175.00
51292	71.36	-15.99	-10.50	-218.47	291.84	-903.39	140.41	-281.81	-168.59
51293	70.16	-15.58	-10.50	-261.67	292.51	-929.37	151.98	-302.98	-160.57
51294	68.99	-15.11	-10.50	-309.88	293.15	-949.74	165.38	-319.13	-151.57
51295	67.85	-14.58	-10.50	-363.74	294.08	-964.05	180.72	-328.85	-142.52
51296	66.76	-14.00	-10.50	-424.15	295.64	-971.93	197.89	-330.63	-134.54
51297	77.77	-18.88	-10.50	-38.23	223.05	-669.35	97.59	-145.64	-221.34
51298	76.43	-18.79	-10.50	-56.78	225.08	-713.34	100.34	-172.35	-225.20
51299	75.09	-18.61	-10.50	-79.09	227.15	-755.35	104.06	-199.34	-226.02
51300	73.77	-18.35	-10.50	-105.42	229.35	-794.85	109.02	-225.77	-223.72
51301	72.48	-18.01	-10.50	-136.04	231.71	-831.28	115.55	-250.68	-218.38
51302	71.22	-17.59	-10.50	-171.25	234.33	-864.10	123.96	-273.02	-210.29
51303	69.98	-17.09	-10.50	-211.39	237.32	-892.75	134.60	-291.69	-199.95
51304	68.79	-16.51	-10.50	-256.99	240.86	-916.67	147.79	-305.53	-188.11
51305	67.64	-15.87	-10.50	-308.77	245.27	-935.30	163.84	-313.39	-175.75
51306	66.54	-15.15	-10.50	-368.12	251.03	-948.11	182.87	-314.35	-164.40
51307	61.65	-9.56	-10.50	-985.68	367.63	-904.84	303.42	-164.60	-128.13
51308	62.26	-10.65	-10.50	-841.45	334.06	-925.47	295.48	-202.56	-133.47
51309	62.93	-11.69	-10.50	-713.92	304.48	-940.74	276.42	-235.12	-136.44
51310	62.66	-9.48	-10.50	-925.76	387.59	-930.61	279.91	-239.26	-95.48
51311	63.08	-10.42	-10.50	-818.95	358.66	-944.25	277.64	-256.43	-104.87
51312	63.54	-11.34	-10.50	-718.26	331.40	-954.58	267.76	-272.13	-114.65
51313	63.67	-9.40	-10.50	-866.39	403.87	-950.93	258.18	-295.96	-71.69
51314	63.90	-10.21	-10.50	-791.61	378.70	-959.34	260.06	-298.72	-81.35
51315	64.15	-11.00	-10.50	-716.03	354.57	-965.35	257.87	-304.02	-93.44
51316	65.52	-14.37	-10.50	-434.66	257.42	-955.06	203.58	-306.83	-152.44
51317	65.80	-13.39	-10.50	-486.78	298.09	-973.98	215.22	-324.48	-126.16
51318	66.09	-12.43	-10.50	-535.85	335.88	-983.84	219.90	-338.02	-98.65
51319	64.59	-13.54	-10.50	-512.05	267.81	-956.01	227.07	-291.16	-144.90
51320	64.97	-12.78	-10.50	-553.83	304.76	-971.01	232.72	-312.30	-121.59
51321	65.35	-12.03	-10.50	-590.57	337.93	-979.99	233.05	-329.54	-97.68
51322	63.71	-12.66	-10.50	-603.25	281.98	-950.87	252.39	-268.11	-140.46
51323	64.17	-12.13	-10.50	-628.91	313.11	-963.53	251.77	-293.30	-119.40
51324	64.64	-11.61	-10.50	-649.72	343.27	-972.23	247.57	-313.88	-98.89
51325	79.07	-1.65	-11.67	-195.34	617.28	-658.68	22.95	-135.56	-24.41
51326	80.30	-1.65	-11.67	-151.51	602.67	-618.91	23.26	-107.12	-24.95
51327	81.53	-1.65	-11.67	-116.03	586.67	-578.43	23.76	-81.14	-25.18
51328	82.76	-1.65	-11.67	-88.09	569.34	-537.43	24.41	-57.98	-25.10
51329	84.00	-1.65	-11.67	-66.82	550.75	-496.08	25.12	-37.84	-24.73
51330	85.23	-1.65	-11.67	-51.30	530.98	-454.52	25.86	-20.87	-24.07
51331	86.46	-1.65	-11.67	-40.64	510.17	-412.85	26.57	-7.12	-23.15
51332	87.70	-1.65	-11.67	-33.94	488.42	-371.20	27.23	3.42	-21.98
51333	88.93	-1.65	-11.67	-30.32	465.87	-329.63	27.80	10.79	-20.58
51334	90.16	-1.65	-11.67	-28.96	442.66	-288.25	28.23	15.10	-18.95
51335	91.39	-1.65	-11.67	-29.08	418.94	-247.19	28.49	16.48	-17.09
51336	92.63	-1.65	-11.67	-29.95	394.87	-206.63	28.51	15.15	-15.02
51337	93.86	-1.65	-11.67	-30.91	370.60	-166.83	28.24	11.43	-12.73
51338	95.09	-1.65	-11.67	-31.32	346.30	-128.14	27.62	5.81	-10.26
51339	96.32	-1.65	-11.67	-30.70	322.10	-90.83	26.59	-1.09	-7.66
51340	97.56	-1.65	-11.67	-28.86	298.06	-55.02	25.11	-8.40	-5.01
51341	79.07	-0.55	-11.67	-193.27	626.33	-665.12	9.18	-136.08	-26.96
51342	80.30	-0.55	-11.67	-149.07	611.56	-625.23	10.40	-107.22	-27.04
51343	81.54	-0.55	-11.67	-113.37	595.37	-584.63	11.68	-80.86	-26.88
51344	82.78	-0.55	-11.67	-85.32	577.81	-543.50	12.97	-57.35	-26.47
51345	84.01	-0.55	-11.67	-64.05	558.95	-502.01	14.25	-36.91	-25.82
51346	85.25	-0.55	-11.67	-48.61	538.90	-460.32	15.47	-19.67	-24.95
51347	86.49	-0.55	-11.67	-38.10	517.76	-418.53	16.63	-5.69	-23.84
51348	87.72	-0.55	-11.67	-31.59	495.66	-376.76	17.69	5.05	-22.51
51349	88.96	-0.55	-11.67	-28.20	472.74	-335.08	18.64	12.58	-20.94
51350	90.20	-0.55	-11.67	-27.10	449.15	-293.61	19.45	17.02	-19.15
51351	91.43	-0.55	-11.67	-27.50	425.05	-252.44	20.07	18.52	-17.11
51352	92.67	-0.55	-11.67	-28.67	400.60	-211.75	20.48	17.29	-14.82
51353	93.91	-0.55	-11.67	-29.94	375.96	-171.80	20.61	13.66	-12.30
51354	95.14	-0.55	-11.67	-30.67	351.27	-132.92	20.41	8.09	-9.56
51355	96.38	-0.55	-11.67	-30.36	326.67	-95.36	19.80	1.20	-6.65
51356	97.62	-0.55	-11.67	-28.81	302.20	-59.27	18.72	-6.16	-3.63
51357	79.07	0.55	-11.67	-189.32	634.13	-671.86	-4.61	-136.03	-29.54
51358	80.30	0.55	-11.67	-145.14	619.33	-631.98	-2.48	-106.97	-29.14
51359	81.54	0.55	-11.67	-109.49	603.07	-591.38	-0.46	-80.41	-28.57
51360	82.78	0.55	-11.67	-81.55	585.40	-550.27	1.47	-56.69	-27.83
51361	84.01	0.55	-11.67	-60.40	566.41	-508.81	3.28	-36.05	-26.91
51362	85.25	0.55	-11.67	-45.13	546.18	-467.14	4.98	-18.61	-25.80
51363	86.49	0.55	-11.67	-34.80	524.83	-425.40	6.55	-4.43	-24.50
51364	87.72	0.55	-11.67	-28.50	502.50	-383.69	8.01	6.51	-22.99
51365	88.96	0.55	-11.67	-25.35	479.32	-342.09	9.32	14.26	-21.25
51366	90.20	0.55	-11.67	-24.51	455.46	-300.68	10.49	18.92	-19.28
51367	91.43	0.55	-11.67	-25.20	431.08	-259.56	11.49	20.64	-17.06
51368	92.67	0.55	-11.67	-26.69	406.35	-218.90	12.29	19.64	-14.57
51369	93.91	0.55	-11.67	-28.32	381.42	-178.92	12.83	16.21	-11.81
51370	95.14	0.55	-11.67	-29.44	356.44	-139.92	13.04	10.81	-8.81
51371	96.38	0.55	-11.67	-29.55	331.52	-102.16	12.86	4.01	-5.61
51372	97.62	0.55	-11.67	-28.41	306.71	-65.77	12.18	-3.36	-2.25
51373	79.07	1.65	-11.67	-183.52	640.35	-678.60	-18.41	-135.42	-31.76
51374	80.30	1.65	-11.67	-139.75	625.64	-638.83	-15.42	-106.36	-30.90
51375	81.53	1.65	-11.67	-104.45	609.43	-598.38	-12.68	-79.78	-29.93
51376	82.76	1.65	-11.67	-76.79	591.79	-557.43	-10.16	-56.01	-28.85
51377	84.00	1.65	-11.67	-55.90	572.77	-516.15	-7.84	-35.27	-27.65
51378	85.23	1.65	-11.67	-40.86	552.49	-474.70	-5.70	-17.70	-26.31
51379	86.46	1.65	-11.67	-30.76	531.06	-433.18	-3.72	-3.34	-24.80
51380	87.70	1.65	-11.67	-24.68	508.62	-391.70	-1.90	7.81	-23.10
51381	88.93	1.65	-11.67	-21.77	485.30	-350.34	-0.23	15.82	-21.19



Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
51382	90.16	1.65	-11.67	-21.18	461.28	-309.16	1.29	20.77	-19.02
51383	91.39	1.65	-11.67	-22.17	436.72	-268.27	2.66	22.82	-16.60
51384	92.63	1.65	-11.67	-24.01	411.80	-227.77	3.83	22.15	-13.90
51385	93.86	1.65	-11.67	-26.03	386.68	-187.87	4.77	19.06	-10.92
51386	95.09	1.65	-11.67	-27.62	361.49	-148.83	5.40	13.93	-7.69
51387	96.32	1.65	-11.67	-28.23	336.35	-110.91	5.64	7.31	-4.24
51388	97.56	1.65	-11.67	-27.61	311.29	-74.23	5.36	-0.03	-0.61
51389	79.07	-1.65	-13.00	-222.19	734.42	-634.87	27.68	-96.22	-11.49
51390	80.30	-1.65	-13.00	-168.95	717.48	-596.69	28.20	-77.20	-11.91
51391	81.53	-1.65	-13.00	-126.36	699.03	-558.23	29.00	-59.89	-12.12
51392	82.76	-1.65	-13.00	-93.35	679.13	-519.57	29.98	-44.50	-12.13
51393	84.00	-1.65	-13.00	-68.77	657.89	-480.77	31.07	-31.16	-11.94
51394	85.23	-1.65	-13.00	-51.45	635.41	-441.88	32.20	-19.96	-11.56
51395	86.46	-1.65	-13.00	-40.21	611.84	-402.95	33.30	-10.93	-11.00
51396	87.70	-1.65	-13.00	-33.88	587.34	-364.03	34.34	-4.06	-10.27
51397	88.93	-1.65	-13.00	-31.29	562.06	-325.14	35.25	0.66	-9.38
51398	90.16	-1.65	-13.00	-31.36	536.17	-286.32	35.97	3.30	-8.33
51399	91.39	-1.65	-13.00	-33.02	509.87	-247.64	36.44	3.95	-7.12
51400	92.63	-1.65	-13.00	-35.32	483.33	-209.17	36.60	2.77	-5.76
51401	93.86	-1.65	-13.00	-37.38	456.74	-171.05	36.36	0.01	-4.25
51402	95.09	-1.65	-13.00	-38.45	430.27	-133.45	35.70	-3.95	-2.65
51403	96.32	-1.65	-13.00	-37.91	404.03	-96.60	34.55	-8.65	-1.04
51404	97.56	-1.65	-13.00	-35.16	378.20	-60.35	32.78	-13.75	0.54
51405	79.07	-0.55	-13.00	-219.57	745.13	-641.20	10.95	-95.99	-13.96
51406	80.30	-0.55	-13.00	-165.87	728.04	-602.91	12.70	-76.71	-14.04
51407	81.54	-0.55	-13.00	-122.99	709.40	-564.33	14.52	-59.15	-13.95
51408	82.78	-0.55	-13.00	-89.84	689.27	-525.54	16.37	-43.53	-13.71
51409	84.01	-0.55	-13.00	-65.25	667.76	-486.61	18.20	-29.99	-13.31
51410	85.25	-0.55	-13.00	-48.03	644.98	-447.60	19.97	-18.61	-12.75
51411	86.49	-0.55	-13.00	-36.97	621.07	-408.56	21.65	-9.43	-12.04
51412	87.72	-0.55	-13.00	-30.87	596.18	-369.52	23.20	-2.43	-11.17
51413	88.96	-0.55	-13.00	-28.59	570.49	-330.52	24.58	2.41	-10.14
51414	90.20	-0.55	-13.00	-28.99	544.18	-291.59	25.74	5.15	-8.94
51415	91.43	-0.55	-13.00	-31.03	517.43	-252.80	26.63	5.89	-7.56
51416	92.67	-0.55	-13.00	-33.73	490.45	-214.21	27.19	4.79	-6.01
51417	93.91	-0.55	-13.00	-36.21	463.41	-175.95	27.36	2.09	-4.29
51418	95.14	-0.55	-13.00	-37.70	436.47	-138.19	27.09	-1.85	-2.43
51419	96.38	-0.55	-13.00	-37.56	409.75	-101.14	26.32	-6.57	-0.54
51420	97.62	-0.55	-13.00	-35.22	383.37	-64.65	24.91	-11.73	1.33
51421	79.07	0.55	-13.00	-214.60	755.15	-647.77	-5.14	-95.97	-16.47
51422	80.30	0.55	-13.00	-160.91	738.02	-609.48	-2.19	-76.55	-16.20
51423	81.54	0.55	-13.00	-118.10	719.29	-570.90	0.63	-58.86	-15.82
51424	82.78	0.55	-13.00	-85.06	699.05	-532.12	3.32	-43.11	-15.33
51425	84.01	0.55	-13.00	-60.62	677.37	-493.21	5.87	-29.44	-14.71
51426	85.25	0.55	-13.00	-43.58	654.37	-454.22	8.26	-17.93	-13.98
51427	86.49	0.55	-13.00	-32.75	630.21	-415.20	10.49	-8.60	-13.10
51428	87.72	0.55	-13.00	-26.93	605.03	-376.19	12.52	-1.46	-12.09
51429	88.96	0.55	-13.00	-24.96	579.01	-337.22	14.35	3.53	-10.90
51430	90.20	0.55	-13.00	-25.73	552.33	-298.33	15.94	6.43	-9.55
51431	91.43	0.55	-13.00	-28.18	525.21	-259.56	17.24	7.33	-8.00
51432	92.67	0.55	-13.00	-31.34	497.82	-220.99	18.21	6.40	-6.26
51433	93.91	0.55	-13.00	-34.33	470.36	-182.71	18.79	3.85	-4.33
51434	95.14	0.55	-13.00	-36.37	442.97	-144.90	18.91	0.03	-2.24
51435	96.38	0.55	-13.00	-36.80	415.79	-107.74	18.51	-4.64	-0.07
51436	97.62	0.55	-13.00	-35.02	388.91	-71.09	17.43	-9.81	2.09
51437	79.07	1.65	-13.00	-207.13	764.94	-653.94	-21.91	-96.14	-19.14
51438	80.30	1.65	-13.00	-153.95	747.87	-615.77	-17.81	-76.73	-18.52
51439	81.53	1.65	-13.00	-111.55	729.17	-577.33	-14.02	-59.03	-17.84
51440	82.76	1.65	-13.00	-78.86	708.90	-538.69	-10.53	-43.25	-17.08
51441	84.00	1.65	-13.00	-54.73	687.15	-499.92	-7.31	-29.51	-16.25
51442	85.23	1.65	-13.00	-37.98	664.05	-461.09	-4.33	-17.91	-15.32
51443	86.46	1.65	-13.00	-27.43	639.72	-422.23	-1.59	-8.46	-14.27
51444	87.70	1.65	-13.00	-21.91	614.33	-383.40	0.90	-1.16	-13.09
51445	88.93	1.65	-13.00	-20.26	588.06	-344.61	3.15	4.02	-11.74
51446	90.16	1.65	-13.00	-21.40	561.08	-305.89	5.14	7.13	-10.20
51447	91.39	1.65	-13.00	-24.29	533.62	-267.29	6.84	8.28	-8.47
51448	92.63	1.65	-13.00	-27.96	505.86	-228.85	8.21	7.58	-6.53
51449	93.86	1.65	-13.00	-31.55	478.01	-190.68	9.19	5.27	-4.40
51450	95.09	1.65	-13.00	-34.26	450.22	-152.93	9.70	1.65	-2.08
51451	96.32	1.65	-13.00	-35.41	422.62	-115.79	9.68	-2.87	0.32
51452	97.56	1.65	-13.00	-34.32	395.28	-79.08	8.97	-8.00	2.72
51453	79.07	-1.65	-14.33	-225.72	853.53	-622.71	29.11	-49.30	3.00
51454	80.30	-1.65	-14.33	-164.68	834.51	-585.44	30.13	-42.23	2.84
51455	81.53	-1.65	-14.33	-116.95	813.79	-548.10	31.48	-35.82	2.75
51456	82.76	-1.65	-14.33	-81.10	791.44	-510.73	33.06	-30.15	2.74
51457	84.00	-1.65	-14.33	-55.62	767.60	-473.33	34.76	-25.26	2.80
51458	85.23	-1.65	-14.33	-38.99	742.43	-435.91	36.51	-21.17	2.93
51459	86.46	-1.65	-14.33	-29.71	716.09	-398.49	38.22	-17.90	3.13
51460	87.70	-1.65	-14.33	-26.25	688.80	-361.06	39.83	-15.43	3.39
51461	88.93	-1.65	-14.33	-27.15	660.74	-323.65	41.26	-13.78	3.70
51462	90.16	-1.65	-14.33	-30.97	632.16	-286.24	42.44	-12.90	4.08
51463	91.39	-1.65	-14.33	-36.32	603.27	-248.86	43.28	-12.78	4.52
51464	92.63	-1.65	-14.33	-41.91	574.30	-211.53	43.70	-13.37	5.03
51465	93.86	-1.65	-14.33	-46.60	545.47	-174.27	43.62	-14.55	5.58
51466	95.09	-1.65	-14.33	-49.46	516.97	-137.13	42.98	-16.15	6.17
51467	96.32	-1.65	-14.33	-49.90	488.86	-100.23	41.83	-17.87	6.72
51468	97.56	-1.65	-14.33	-47.65	461.05	-63.66	40.35	-19.21	6.87
51469	79.07	-0.55	-14.33	-222.43	864.53	-628.63	12.37	-47.03	1.40
51470	80.30	-0.55	-14.33	-160.85	845.36	-591.24	14.84	-39.86	1.36
51471	81.54	-0.55	-14.33	-112.79	824.46	-553.80	17.41	-33.37	1.39
51472	82.78	-0.55	-14.33	-76.78	801.89	-516.31	20.01	-27.61	1.47
51473	84.01	-0.55	-14.33	-51.30	777.78	-478.80	22.59	-22.65	1.60
51474	85.25	-0.55	-14.33	-34.81	752.29	-441.27	25.10	-18.49	1.80
51475	86.49	-0.55	-14.33	-25.76	725.59	-403.73	27.49	-15.16	2.05
51476	87.72	-0.55	-14.33	-22.62	697.88	-366.20	29.70	-12.65	2.36
51477	88.96	-0.55	-14.33	-23.91	669.39	-328.67	31.68	-10.95	2.73
51478	90.20	-0.55	-14.33	-28.16	640.33	-291.15	33.37	-10.04	3.17
51479	91.43	-0.55	-14.33	-34.00	610.94	-253.66	34.69	-9.88	3.68
51480	92.67	-0.55	-14.33	-40.12	581.46	-216.22	35.55	-10.43	4.26

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
51481	93.91	-0.55	-14.33	-45.37	552.10	-178.84	35.89	-11.58	4.90
51482	95.14	-0.55	-14.33	-48.79	523.03	-141.59	35.64	-13.18	5.60
51483	96.38	-0.55	-14.33	-49.69	494.32	-104.54	34.80	-14.94	6.28
51484	97.62	-0.55	-14.33	-47.75	466.02	-67.77	33.42	-16.44	6.64
51485	79.07	0.55	-14.33	-216.32	875.87	-634.69	-5.23	-47.02	0.40
51486	80.30	0.55	-14.33	-154.76	856.66	-597.30	-1.32	-39.81	0.50
51487	81.54	0.55	-14.33	-106.77	835.67	-559.86	2.44	-33.27	0.64
51488	82.78	0.55	-14.33	-70.89	812.96	-522.38	6.04	-27.47	0.82
51489	84.01	0.55	-14.33	-45.58	788.67	-484.86	9.47	-22.45	1.03
51490	85.25	0.55	-14.33	-29.31	762.94	-447.34	12.71	-18.25	1.30
51491	86.49	0.55	-14.33	-20.53	735.96	-409.81	15.74	-14.87	1.61
51492	87.72	0.55	-14.33	-17.72	707.92	-372.28	18.53	-12.31	1.98
51493	88.96	0.55	-14.33	-19.40	679.04	-334.76	21.03	-10.54	2.41
51494	90.20	0.55	-14.33	-24.12	649.55	-297.25	23.21	-9.57	2.91
51495	91.43	0.55	-14.33	-30.50	619.68	-259.77	24.98	-9.34	3.49
51496	92.67	0.55	-14.33	-37.25	589.68	-222.33	26.29	-9.82	4.15
51497	93.91	0.55	-14.33	-43.19	559.75	-184.95	27.04	-10.91	4.88
51498	95.14	0.55	-14.33	-47.36	530.07	-147.68	27.16	-12.46	5.69
51499	96.38	0.55	-14.33	-49.05	500.75	-110.61	26.61	-14.20	6.52
51500	97.62	0.55	-14.33	-47.90	471.89	-73.78	25.46	-15.73	7.02
51501	79.07	1.65	-14.33	-207.46	887.27	-640.72	-22.02	-49.27	0.12
51502	80.30	1.65	-14.33	-146.48	868.11	-603.45	-16.73	-42.07	0.35
51503	81.53	1.65	-14.33	-98.95	847.12	-566.12	-11.83	-35.53	0.60
51504	82.76	1.65	-14.33	-63.46	824.36	-528.75	-7.28	-29.72	0.87
51505	84.00	1.65	-14.33	-38.49	799.97	-491.36	-3.05	-24.68	1.17
51506	85.23	1.65	-14.33	-22.53	774.09	-453.96	0.87	-20.45	1.50
51507	86.46	1.65	-14.33	-14.07	746.89	-416.55	4.50	-17.02	1.88
51508	87.70	1.65	-14.33	-11.60	718.58	-379.15	7.82	-14.39	2.32
51509	88.93	1.65	-14.33	-13.68	689.37	-341.76	10.81	-12.56	2.81
51510	90.16	1.65	-14.33	-18.88	659.48	-304.38	13.44	-11.50	3.39
51511	91.39	1.65	-14.33	-25.84	629.15	-267.02	15.65	-11.18	4.04
51512	92.63	1.65	-14.33	-33.29	598.62	-229.70	17.37	-11.56	4.78
51513	93.86	1.65	-14.33	-40.06	568.11	-192.43	18.52	-12.55	5.60
51514	95.09	1.65	-14.33	-45.18	537.80	-155.27	19.01	-14.01	6.50
51515	96.32	1.65	-14.33	-47.96	507.81	-118.30	18.78	-15.66	7.47
51516	97.56	1.65	-14.33	-48.08	478.36	-81.56	17.85	-17.04	8.05
51517	101.97	-1.65	-11.67	-3.29	146.44	120.38	9.64	-3.23	6.55
51518	102.02	-0.55	-11.67	-3.67	148.66	117.33	4.65	-3.24	12.80
51519	102.02	0.55	-11.67	-3.61	151.21	112.93	-0.34	-3.64	18.83
51520	101.97	1.65	-11.67	-3.35	153.84	107.40	-5.15	-4.03	24.61
51521	101.12	-1.65	-11.67	-10.00	179.28	94.16	13.38	-13.19	5.31
51522	101.18	-0.55	-11.67	-10.30	181.75	90.74	8.13	-12.44	10.13
51523	101.18	0.55	-11.67	-10.40	183.93	86.01	2.67	-11.84	14.82
51524	101.12	1.65	-11.67	-10.79	185.25	80.14	-3.53	-11.33	19.47
51525	100.28	-1.65	-11.67	-15.03	210.84	61.40	16.72	-20.04	3.44
51526	100.34	-0.55	-11.67	-15.50	213.59	57.73	11.26	-18.62	7.04
51527	100.34	0.55	-11.67	-15.93	216.39	52.56	5.51	-17.11	10.53
51528	100.28	1.65	-11.67	-16.41	219.24	46.17	-0.50	-15.50	14.08
51529	99.44	-1.65	-11.67	-20.30	241.23	23.81	19.98	-20.40	0.90
51530	99.50	-0.55	-11.67	-20.74	244.49	19.98	14.29	-18.55	3.53
51531	99.50	0.55	-11.67	-21.08	248.01	14.35	8.44	-16.35	6.09
51532	99.44	1.65	-11.67	-21.26	251.56	7.21	2.34	-13.84	8.77
51533	98.59	-1.65	-11.67	-25.33	271.17	-16.64	22.93	-15.54	-2.07
51534	98.65	-0.55	-11.67	-25.56	274.88	-20.65	16.92	-13.43	-0.19
51535	98.65	0.55	-11.67	-25.57	278.94	-26.75	10.77	-10.81	1.65
51536	98.59	1.65	-11.67	-25.30	283.11	-34.66	4.35	-7.70	3.69
51537	101.97	-1.65	-13.00	-3.49	212.58	135.01	13.64	-3.60	7.87
51538	102.02	-0.55	-13.00	-4.02	215.03	131.63	6.21	-3.56	12.93
51539	102.02	0.55	-13.00	-3.98	218.10	126.19	-0.45	-3.97	17.99
51540	101.97	1.65	-13.00	-3.51	222.54	119.73	-7.21	-4.50	22.12
51541	101.12	-1.65	-13.00	-7.25	250.86	107.86	17.53	-16.92	7.61
51542	101.18	-0.55	-13.00	-8.02	253.92	103.56	10.44	-15.85	10.77
51543	101.18	0.55	-13.00	-8.28	256.21	97.96	3.71	-15.46	13.76
51544	101.12	1.65	-13.00	-8.56	257.54	91.51	-4.64	-15.78	16.40
51545	100.28	-1.65	-13.00	-13.19	285.15	67.61	22.03	-22.54	5.96
51546	100.34	-0.55	-13.00	-14.08	288.55	63.41	14.83	-21.08	8.27
51547	100.34	0.55	-13.00	-14.92	291.66	57.60	7.80	-20.03	10.40
51548	100.28	1.65	-13.00	-15.70	295.26	50.74	-0.16	-19.37	12.35
51549	99.44	-1.65	-13.00	-21.76	317.62	24.42	26.29	-22.41	4.21
51550	99.50	-0.55	-13.00	-22.51	321.62	20.25	18.92	-20.68	5.86
51551	99.50	0.55	-13.00	-23.27	325.77	14.25	11.87	-19.14	7.42
51552	99.44	1.65	-13.00	-23.82	330.45	6.96	3.99	-17.80	8.78
51553	98.59	-1.65	-13.00	-29.85	349.48	-19.93	30.06	-18.87	2.33
51554	98.65	-0.55	-13.00	-30.29	354.08	-24.10	22.50	-16.93	3.46
51555	98.65	0.55	-13.00	-30.62	359.01	-30.32	15.29	-15.12	4.54
51556	98.59	1.65	-13.00	-30.63	364.66	-38.04	7.18	-13.43	5.45
51557	101.97	-1.65	-14.33	14.39	290.87	151.92	11.29	-13.34	10.53
51558	102.02	-0.55	-14.33	11.50	291.09	147.97	5.38	-11.42	12.65
51559	102.02	0.55	-14.33	11.32	292.85	142.21	-2.06	-11.65	15.61
51560	101.97	1.65	-14.33	13.21	295.82	135.18	-8.01	-13.76	18.85
51561	101.12	-1.65	-14.33	8.22	330.02	115.92	19.43	-21.33	8.92
51562	101.18	-0.55	-14.33	5.76	332.70	111.44	13.30	-18.90	9.38
51563	101.18	0.55	-14.33	4.68	334.11	105.64	6.60	-18.69	10.25
51564	101.12	1.65	-14.33	4.15	333.74	98.56	-1.31	-20.77	11.42
51565	100.28	-1.65	-14.33	-6.81	364.69	70.01	26.26	-22.00	8.04
51566	100.34	-0.55	-14.33	-8.50	367.61	65.77	19.62	-19.77	8.45
51567	100.34	0.55	-14.33	-10.28	370.30	59.91	11.94	-19.35	9.23
51568	100.28	1.65	-14.33	-12.35	372.99	52.56	4.25	-20.70	10.57
51569	99.44	-1.65	-14.33	-23.31	398.05	24.15	31.90	-21.48	7.30
51570	99.50	-0.55	-14.33	-24.69	401.71	19.98	25.15	-19.12	7.46
51571	99.50	0.55	-14.33	-26.29	405.78	14.09	17.45	-18.50	8.08
51572	99.44	1.65	-14.33	-28.00	410.12	6.61	9.94	-19.61	9.16
51573	98.59	-1.65	-14.33	-38.40	430.88	-22.12	37.05	-20.36	6.86
51574	98.65	-0.55	-14.33	-39.08	435.32	-26.18	30.20	-17.81	6.82
51575	98.65	0.55	-14.33	-40.02	440.45	-32.13	22.45	-17.11	7.29
51576	98.59	1.65	-14.33	-41.12	446.10	-39.81	14.92	-18.22	8.28
51577	77.83	-1.65	-11.67	-248.25	630.47	-697.54	22.92	-166.00	-23.55
51578	77.83	-0.55	-11.67	-246.71	639.66	-704.08	8.05	-166.96	-26.63
51579	77.83	0.55	-11.67	-242.78	647.47	-710.82	-6.83	-167.12	-29.75

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
51580	77.83	1.65	-11.67	-236.48	653.56	-717.46	-21.69	-166.49	-32.51
51581	76.60	-1.65	-11.67	-310.86	642.27	-735.26	23.26	-197.83	-22.39
51582	76.60	-0.55	-11.67	-310.03	651.58	-741.86	7.06	-199.24	-26.06
51583	76.60	0.55	-11.67	-306.15	659.36	-748.60	-9.15	-199.61	-29.79
51584	76.60	1.65	-11.67	-299.27	665.26	-755.19	-25.28	-198.95	-33.13
51585	75.37	-1.65	-11.67	-383.61	652.71	-771.57	24.04	-230.24	-20.95
51586	75.36	-0.55	-11.67	-383.68	662.12	-778.21	6.25	-232.09	-25.24
51587	75.36	0.55	-11.67	-379.91	669.83	-784.96	-11.55	-232.68	-29.62
51588	75.37	1.65	-11.67	-372.32	675.50	-791.52	-29.22	-232.00	-33.60
51589	74.14	-1.65	-11.67	-466.77	661.85	-806.20	25.36	-262.25	-19.28
51590	74.12	-0.55	-11.67	-467.93	671.34	-812.84	5.68	-264.53	-24.21
51591	74.12	0.55	-11.67	-464.30	678.95	-819.60	-14.04	-265.32	-29.25
51592	74.14	1.65	-11.67	-455.88	684.34	-826.18	-33.56	-264.64	-33.86
51593	72.90	-1.65	-11.67	-560.31	669.76	-838.83	27.28	-292.64	-17.43
51594	72.89	-0.55	-11.67	-562.78	679.33	-845.45	5.36	-295.29	-22.97
51595	72.89	0.55	-11.67	-559.32	686.81	-852.23	-16.61	-296.30	-28.64
51596	72.90	1.65	-11.67	-549.96	691.85	-858.86	-38.32	-295.66	-33.86
51597	71.67	-1.65	-11.67	-663.94	676.51	-869.16	29.86	-319.95	-15.48
51598	71.65	-0.55	-11.67	-667.89	686.14	-875.71	5.35	-322.90	-21.55
51599	71.65	0.55	-11.67	-664.64	693.46	-882.51	-19.25	-324.12	-27.78
51600	71.67	1.65	-11.67	-654.21	698.12	-889.25	-43.51	-323.59	-33.52
51601	70.44	-1.65	-11.67	-776.95	682.12	-896.83	33.12	-342.46	-13.53
51602	70.41	-0.55	-11.67	-782.55	691.81	-903.28	5.66	-345.62	-19.98
51603	70.41	0.55	-11.67	-779.55	698.93	-910.11	-21.93	-347.04	-26.62
51604	70.44	1.65	-11.67	-767.96	703.16	-917.00	-49.12	-346.72	-32.75
51605	69.20	-1.65	-11.67	-898.24	686.54	-921.45	37.04	-358.19	-11.68
51606	69.18	-0.55	-11.67	-905.62	696.24	-927.77	6.29	-361.42	-18.31
51607	69.18	0.55	-11.67	-902.90	703.16	-934.62	-24.62	-363.04	-25.15
51608	69.20	1.65	-11.67	-890.08	706.95	-941.72	-55.07	-363.05	-31.44
51609	67.97	-1.65	-11.67	-1026.20	689.58	-942.55	41.52	-364.86	-10.04
51610	67.94	-0.55	-11.67	-1035.45	699.24	-948.70	7.23	-368.01	-16.57
51611	67.94	0.55	-11.67	-1033.05	705.93	-955.59	-27.25	-369.83	-23.33
51612	67.97	1.65	-11.67	-1018.98	709.31	-962.92	-61.24	-370.30	-29.50
51613	66.74	-1.65	-11.67	-1158.82	690.82	-959.51	46.40	-359.90	-8.75
51614	66.70	-0.55	-11.67	-1169.93	700.34	-965.47	8.45	-362.80	-14.81
51615	66.70	0.55	-11.67	-1167.88	706.80	-972.38	-29.72	-364.80	-21.12
51616	66.74	1.65	-11.67	-1152.64	709.85	-979.96	-67.39	-365.90	-26.82
51617	65.51	-1.65	-11.67	-1293.65	689.55	-971.48	51.39	-340.39	-7.90
51618	65.47	-0.55	-11.67	-1306.50	698.76	-977.19	9.85	-342.82	-13.07
51619	65.47	0.55	-11.67	-1304.84	704.99	-984.13	-31.89	-345.00	-18.52
51620	65.51	1.65	-11.67	-1288.63	707.90	-991.98	-73.17	-346.91	-23.32
51621	64.27	-1.65	-11.67	-1427.95	684.62	-977.33	56.04	-302.97	-7.60
51622	64.23	-0.55	-11.67	-1442.28	693.25	-982.74	11.30	-304.74	-11.39
51623	64.23	0.55	-11.67	-1441.05	699.26	-989.66	-33.53	-307.08	-15.50
51624	64.27	1.65	-11.67	-1424.22	702.31	-997.81	-78.06	-309.96	-18.94
51625	63.04	-1.65	-11.67	-1558.89	674.28	-975.63	59.74	-243.86	-7.95
51626	62.99	-0.55	-11.67	-1574.23	681.92	-980.64	12.63	-244.75	-9.83
51627	62.99	0.55	-11.67	-1573.48	687.73	-987.52	-34.38	-247.23	-12.10
51628	63.04	1.65	-11.67	-1556.54	691.35	-995.98	-81.35	-251.25	-13.65
51629	61.81	-1.65	-11.67	-1683.87	655.98	-964.67	61.61	-159.02	-9.01
51630	61.76	-0.55	-11.67	-1699.54	662.10	-969.20	13.53	-158.87	-8.43
51631	61.76	0.55	-11.67	-1699.28	667.70	-976.00	-34.09	-161.44	-8.34
51632	61.81	1.65	-11.67	-1682.99	672.45	-984.77	-82.09	-166.70	-7.48
51633	60.58	-1.65	-11.67	-1801.43	626.08	-942.50	60.53	-44.76	-10.83
51634	60.52	-0.55	-11.67	-1816.46	630.03	-946.46	13.67	-43.46	-7.26
51635	60.52	0.55	-11.67	-1816.71	635.42	-953.12	-32.24	-46.07	-4.32
51636	60.58	1.65	-11.67	-1802.05	641.94	-962.18	-79.10	-52.56	-0.49
51637	59.34	-1.65	-11.67	-1913.15	579.34	-907.48	55.19	100.58	-13.57
51638	59.28	-0.55	-11.67	-1926.48	580.59	-910.85	12.59	103.00	-6.42
51639	59.28	0.55	-11.67	-1927.18	585.72	-917.31	-28.43	100.42	-0.08
51640	59.34	1.65	-11.67	-1915.18	594.40	-926.56	-71.02	92.95	7.20
51641	77.83	-1.65	-13.00	-287.06	749.83	-672.69	27.52	-116.64	-10.86
51642	77.83	-0.55	-13.00	-285.09	760.67	-679.13	9.33	-116.70	-13.72
51643	77.83	0.55	-13.00	-280.15	770.69	-685.70	-8.20	-116.81	-16.63
51644	77.83	1.65	-13.00	-272.08	780.35	-691.76	-26.37	-116.96	-19.69
51645	76.60	-1.65	-13.00	-364.38	763.71	-710.04	27.82	-138.06	-10.03
51646	76.60	-0.55	-13.00	-363.28	774.65	-716.58	7.90	-138.42	-13.32
51647	76.60	0.55	-13.00	-358.41	784.63	-723.15	-11.38	-138.66	-16.67
51648	76.60	1.65	-13.00	-349.63	794.12	-729.12	-31.22	-138.80	-20.16
51649	75.37	-1.65	-13.00	-454.78	776.12	-746.83	28.70	-159.98	-9.02
51650	75.36	-0.55	-13.00	-454.78	787.14	-753.46	6.70	-160.63	-12.77
51651	75.36	0.55	-13.00	-450.03	797.05	-760.03	-14.66	-161.01	-16.58
51652	75.37	1.65	-13.00	-440.40	806.29	-765.92	-36.52	-161.12	-20.53
51653	74.14	-1.65	-13.00	-558.63	787.15	-782.94	30.24	-181.73	-7.86
51654	74.12	-0.55	-13.00	-559.96	798.24	-789.64	5.80	-182.65	-12.07
51655	74.12	0.55	-13.00	-555.38	808.03	-796.22	-18.04	-183.17	-16.36
51656	74.14	1.65	-13.00	-544.76	816.96	-802.05	-42.29	-183.29	-20.76
51657	72.90	-1.65	-13.00	-675.95	796.91	-818.24	32.55	-202.50	-6.57
51658	72.89	-0.55	-13.00	-678.84	808.06	-825.00	5.23	-203.67	-11.23
51659	72.89	0.55	-13.00	-674.48	817.69	-831.59	-21.50	-204.33	-15.97
51660	72.90	1.65	-13.00	-662.73	826.24	-837.37	-48.56	-204.48	-20.82
51661	71.67	-1.65	-13.00	-806.32	805.54	-852.59	35.68	-221.31	-5.22
51662	71.65	-0.55	-13.00	-811.00	816.74	-859.39	5.06	-222.68	-10.27
51663	71.65	0.55	-13.00	-806.92	826.17	-865.99	-25.02	-223.48	-15.42
51664	71.67	1.65	-13.00	-793.91	834.27	-871.76	-55.33	-223.71	-20.65
51665	70.44	-1.65	-13.00	-948.82	813.14	-885.84	39.68	-236.99	-3.86
51666	70.41	-0.55	-13.00	-955.48	824.38	-892.68	5.31	-238.48	-9.21
51667	70.41	0.55	-13.00	-951.71	833.57	-899.29	-28.57	-239.42	-14.66
51668	70.44	1.65	-13.00	-937.35	841.16	-905.05	-62.59	-239.80	-20.18
51669	69.20	-1.65	-13.00	-1101.85	819.77	-917.80	44.53	-248.12	-2.57
51670	69.18	-0.55	-13.00	-1110.65	831.03	-924.66	5.99	-249.66	-8.07
51671	69.18	0.55	-13.00	-1107.25	839.96	-931.30	-32.09	-250.74	-13.69
51672	69.20	1.65	-13.00	-1091.47	846.99	-937.07	-70.25	-251.35	-19.35
51673	67.97	-1.65	-13.00	-1263.07	825.39	-948.25	50.15	-253.06	-1.41
51674	67.94	-0.55	-13.00	-1274.09	836.63	-955.12	7.12	-254.54	-6.89
51675	67.94	0.55	-13.00	-1271.11	845.26	-961.77	-35.51	-255.76	-12.47
51676	67.97	1.65	-13.00	-1253.94	851.73	-967.57	-78.16	-256.71	-18.08
51677	66.74	-1.65	-13.00	-1429.24	829.79	-976.86	56.39	-249.83	-0.46
51678	66.70	-0.55	-13.00	-1442.46	840.90	-983.73	8.65	-251.13	-5.67

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
51679	66.70	0.55	-13.00	-1439.95	849.23	-990.39	-38.71	-252.48	-10.98
51680	66.74	1.65	-13.00	-1421.52	855.20	-996.22	-86.06	-253.88	-16.32
51681	65.51	-1.65	-13.00	-1596.05	832.49	-1003.17	62.94	-236.05	0.21
51682	65.47	-0.55	-13.00	-1611.30	843.32	-1010.02	10.52	-237.03	-4.45
51683	65.47	0.55	-13.00	-1609.33	851.34	-1016.70	-41.50	-238.51	-9.22
51684	65.51	1.65	-13.00	-1589.93	856.96	-1022.57	-93.57	-240.49	-14.00
51685	64.27	-1.65	-13.00	-1758.01	832.66	-1026.57	69.36	-208.81	0.55
51686	64.23	-0.55	-13.00	-1774.92	842.96	-1033.36	12.61	-209.30	-3.26
51687	64.23	0.55	-13.00	-1773.55	850.67	-1040.04	-43.67	-210.91	-7.19
51688	64.27	1.65	-13.00	-1753.67	856.20	-1045.97	-100.13	-213.61	-11.11
51689	63.04	-1.65	-13.00	-1908.22	828.99	-1046.18	75.01	-164.52	0.53
51690	62.99	-0.55	-13.00	-1926.18	838.38	-1052.88	14.73	-164.36	-2.10
51691	62.99	0.55	-13.00	-1925.48	845.79	-1059.55	-44.90	-166.07	-4.89
51692	63.04	1.65	-13.00	-1905.85	851.63	-1065.54	-104.98	-169.64	-7.66
51693	61.81	-1.65	-13.00	-2038.38	819.55	-1060.82	79.03	-98.75	0.18
51694	61.76	-0.55	-13.00	-2056.45	827.50	-1067.37	16.60	-97.79	-0.99
51695	61.76	0.55	-13.00	-2056.47	834.62	-1074.00	-44.84	-99.60	-2.42
51696	61.81	1.65	-13.00	-2038.14	841.32	-1080.08	-107.18	-104.14	-3.76
51697	60.58	-1.65	-13.00	-2138.91	801.62	-1068.80	80.35	-6.08	-0.40
51698	60.52	-0.55	-13.00	-2155.85	807.52	-1075.15	17.90	-4.23	0.04
51699	60.52	0.55	-13.00	-2156.64	814.35	-1081.72	-43.11	-6.08	0.07
51700	60.58	1.65	-13.00	-2140.94	822.54	-1087.87	-105.60	-11.64	0.34
51701	59.34	-1.65	-13.00	-2199.96	771.73	-1066.81	77.98	120.29	-0.92
51702	59.28	-0.55	-13.00	-2214.28	775.02	-1072.92	18.35	123.10	1.05
51703	59.28	0.55	-13.00	-2215.86	781.55	-1079.37	-39.23	121.22	2.39
51704	59.34	1.65	-13.00	-2204.34	791.69	-1085.57	-99.00	114.74	4.05
51705	77.83	-1.65	-14.33	-301.41	870.81	-659.92	28.54	-56.92	3.24
51706	77.83	-0.55	-14.33	-298.88	881.91	-665.94	10.05	-54.76	1.49
51707	77.83	0.55	-14.33	-292.82	893.26	-672.00	-9.28	-54.80	0.34
51708	77.83	1.65	-14.33	-283.25	904.55	-677.93	-27.74	-57.04	-0.09
51709	76.60	-1.65	-14.33	-392.92	886.37	-697.03	28.56	-64.97	3.55
51710	76.60	-0.55	-14.33	-391.42	897.54	-703.16	7.97	-62.92	1.64
51711	76.60	0.55	-14.33	-385.44	908.85	-709.22	-13.46	-63.00	0.32
51712	76.60	1.65	-14.33	-375.03	919.98	-715.04	-33.95	-65.23	-0.27
51713	75.37	-1.65	-14.33	-501.20	900.28	-734.03	29.28	-73.26	3.92
51714	75.36	-0.55	-14.33	-501.01	911.51	-740.27	6.18	-71.31	1.84
51715	75.36	0.55	-14.33	-495.18	922.72	-746.33	-17.77	-71.45	0.35
51716	75.37	1.65	-14.33	-483.76	933.62	-752.05	-40.70	-73.67	-0.42
51717	74.14	-1.65	-14.33	-626.91	912.67	-770.90	30.83	-81.55	4.35
51718	74.12	-0.55	-14.33	-628.30	923.94	-777.23	4.76	-79.70	2.10
51719	74.12	0.55	-14.33	-622.67	935.01	-783.29	-22.19	-79.89	0.43
51720	74.14	1.65	-14.33	-610.08	945.60	-788.92	-48.03	-82.10	-0.51
51721	72.90	-1.65	-14.33	-770.27	923.72	-807.60	33.34	-89.54	4.82
51722	72.89	-0.55	-14.33	-773.53	935.03	-814.03	3.77	-87.79	2.41
51723	72.89	0.55	-14.33	-768.17	945.92	-820.10	-26.71	-88.03	0.56
51724	72.90	1.65	-14.33	-754.23	956.11	-825.63	-55.99	-90.25	-0.54
51725	71.67	-1.65	-14.33	-930.98	933.66	-844.12	36.90	-96.89	5.32
51726	71.65	-0.55	-14.33	-936.39	945.00	-850.64	3.27	-95.21	2.75
51727	71.65	0.55	-14.33	-931.36	955.67	-856.71	-31.30	-95.50	0.76
51728	71.67	1.65	-14.33	-915.92	965.37	-862.16	-64.57	-97.75	-0.48
51729	70.44	-1.65	-14.33	-1108.06	942.73	-880.42	41.57	-103.14	5.81
51730	70.41	-0.55	-14.33	-1115.86	954.10	-887.03	3.33	-101.52	3.14
51731	70.41	0.55	-14.33	-1111.22	964.50	-893.10	-35.92	-101.86	1.03
51732	70.44	1.65	-14.33	-1094.17	973.63	-898.47	-73.76	-104.16	-0.31
51733	69.20	-1.65	-14.33	-1299.69	951.14	-916.46	47.36	-107.77	6.27
51734	69.18	-0.55	-14.33	-1310.07	962.53	-923.15	3.96	-106.17	3.55
51735	69.18	0.55	-14.33	-1305.89	972.62	-929.23	-40.50	-106.56	1.39
51736	69.20	1.65	-14.33	-1287.18	981.10	-934.52	-83.45	-108.95	0.01
51737	67.97	-1.65	-14.33	-1502.98	959.04	-952.19	54.20	-110.15	6.67
51738	67.94	-0.55	-14.33	-1516.03	970.42	-958.97	5.19	-108.52	3.99
51739	67.94	0.55	-14.33	-1512.39	980.17	-965.05	-44.93	-108.97	1.84
51740	67.97	1.65	-14.33	-1492.05	987.96	-970.26	-93.47	-111.49	0.50
51741	66.74	-1.65	-14.33	-1713.69	966.45	-987.53	61.91	-109.48	7.00
51742	66.70	-0.55	-14.33	-1729.38	977.73	-994.40	6.99	-107.79	4.43
51743	66.70	0.55	-14.33	-1726.36	987.11	-1000.48	-49.07	-108.29	2.39
51744	66.74	1.65	-14.33	-1704.59	994.25	-1005.62	-103.53	-110.97	1.18
51745	65.51	-1.65	-14.33	-1925.88	973.18	-1022.39	70.21	-104.77	7.22
51746	65.47	-0.55	-14.33	-1944.01	984.22	-1029.34	9.31	-102.96	4.88
51747	65.47	0.55	-14.33	-1941.69	993.21	-1035.42	-52.72	-103.52	3.05
51748	65.51	1.65	-14.33	-1918.87	999.81	-1040.49	-113.19	-106.43	2.07
51749	64.27	-1.65	-14.33	-2131.47	978.79	-1056.61	78.61	-94.78	7.33
51750	64.23	-0.55	-14.33	-2151.56	989.30	-1063.64	12.02	-92.79	5.33
51751	64.23	0.55	-14.33	-2150.03	997.90	-1069.73	-55.60	-93.40	3.82
51752	64.27	1.65	-14.33	-2126.81	1004.21	-1074.72	-121.81	-96.59	3.18
51753	63.04	-1.65	-14.33	-2319.55	982.44	-1089.97	86.42	-77.87	7.33
51754	62.99	-0.55	-14.33	-2340.77	992.02	-1097.08	14.95	-75.63	5.77
51755	62.99	0.55	-14.33	-2340.14	1000.21	-1103.16	-57.35	-76.28	4.68
51756	63.04	1.65	-14.33	-2317.54	1006.66	-1108.08	-128.55	-79.83	4.48
51757	61.81	-1.65	-14.33	-2475.60	982.89	-1122.16	92.73	-51.89	7.27
51758	61.76	-0.55	-14.33	-2496.72	990.96	-1129.34	17.80	-49.32	6.23
51759	61.76	0.55	-14.33	-2497.09	998.75	-1135.42	-57.58	-50.02	5.60
51760	61.81	1.65	-14.33	-2476.55	1005.90	-1140.25	-132.37	-53.99	5.91
51761	60.58	-1.65	-14.33	-2580.43	978.48	-1152.66	96.50	-13.97	7.26
51762	60.52	-0.55	-14.33	-2599.83	984.35	-1159.91	20.28	-11.02	6.70
51763	60.52	0.55	-14.33	-2601.29	991.77	-1165.97	-55.91	-11.74	6.48
51764	60.58	1.65	-14.33	-2584.66	1000.33	-1170.71	-132.17	-16.15	7.29
51765	59.34	-1.65	-14.33	-2608.89	967.19	-1180.82	96.76	39.94	7.05
51766	59.28	-0.55	-14.33	-2624.63	970.35	-1188.17	22.00	43.22	6.90
51767	59.28	0.55	-14.33	-2627.33	977.50	-1194.19	-52.10	42.48	6.93
51768	59.34	1.65	-14.33	-2616.72	988.26	-1198.72	-127.22	37.78	7.96
51769	54.93	-1.65	-11.67	-3318.46	-849.05	-3777.28	-94.94	2499.18	-33.87
51770	55.78	-1.65	-11.67	-2867.65	-193.28	-1185.05	-67.60	1327.41	-36.05
51771	56.62	-1.65	-11.67	-2453.84	129.54	-874.70	-16.76	822.09	-40.37
51772	57.46	-1.65	-11.67	-2209.64	352.45	-809.95	18.99	545.43	-27.70
51773	58.31	-1.65	-11.67	-2040.10	495.82	-856.21	42.82	296.76	-18.23
51774	54.88	-0.55	-11.67	-3263.01	-938.72	-3613.11	-55.26	2397.36	21.10
51775	55.72	-0.55	-11.67	-2831.10	-226.35	-1162.58	-34.92	1287.06	-0.40
51776	56.56	-0.55	-11.67	-2442.38	118.08	-875.21	-11.24	813.31	-8.81
51777	57.40	-0.55	-11.67	-2212.78	347.60	-813.57	2.22	546.42	-7.39

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
51778	58.25	-0.55	-11.67	-2049.95	494.10	-859.26	9.43	299.61	-6.14
51779	54.88	0.55	-11.67	-3258.90	-932.70	-3603.35	48.64	2390.63	-20.64
51780	55.72	0.55	-11.67	-2829.47	-224.81	-1162.74	29.06	1283.08	7.09
51781	56.56	0.55	-11.67	-2443.46	120.96	-878.79	6.37	811.20	15.11
51782	57.40	0.55	-11.67	-2214.05	351.82	-818.87	-10.18	544.14	11.06
51783	58.25	0.55	-11.67	-2051.03	498.83	-865.35	-21.61	297.14	4.92
51784	54.93	1.65	-11.67	-3304.60	-836.74	-3731.14	92.70	2466.45	32.88
51785	55.78	1.65	-11.67	-2868.42	-189.13	-1184.72	67.08	1317.17	39.65
51786	56.62	1.65	-11.67	-2457.20	139.07	-885.54	12.72	815.20	47.26
51787	57.46	1.65	-11.67	-2213.34	364.73	-825.68	-26.85	538.78	31.21
51788	58.31	1.65	-11.67	-2043.24	509.76	-874.22	-55.01	289.43	17.01
51789	54.93	-1.65	-13.00	-364.23	48.37	-2086.72	17.01	546.15	-121.17
51790	55.78	-1.65	-13.00	-1678.85	182.36	-1779.46	8.84	1223.74	-23.31
51791	56.62	-1.65	-13.00	-2042.96	452.33	-1107.81	26.77	887.72	-6.84
51792	57.46	-1.65	-13.00	-2163.74	615.22	-1033.86	51.81	574.99	-2.21
51793	58.31	-1.65	-13.00	-2214.38	715.39	-1050.07	69.57	307.94	-0.98
51794	54.88	-0.55	-13.00	-363.07	47.93	-2068.89	2.09	531.57	-32.42
51795	55.72	-0.55	-13.00	-1664.78	173.69	-1767.76	-0.86	1206.80	0.96
51796	56.56	-0.55	-13.00	-2037.91	447.76	-1111.85	6.60	884.43	3.23
51797	57.40	-0.55	-13.00	-2166.75	613.09	-1039.40	13.81	576.61	3.29
51798	58.25	-0.55	-13.00	-2224.00	715.70	-1055.98	17.42	311.17	2.32
51799	54.88	0.55	-13.00	-363.31	49.93	-2065.02	-3.55	529.56	37.20
51800	55.72	0.55	-13.00	-1666.93	174.38	-1768.28	4.06	1204.94	9.51
51801	56.56	0.55	-13.00	-2041.76	451.75	-1116.06	-5.85	883.24	8.47
51802	57.40	0.55	-13.00	-2169.99	618.60	-1045.03	-20.31	574.77	7.11
51803	58.25	0.55	-13.00	-2226.42	721.81	-1062.23	-31.99	309.24	4.63
51804	54.93	1.65	-13.00	-374.00	47.07	-2087.85	-5.30	546.06	110.13
51805	55.78	1.65	-13.00	-1693.11	186.89	-1781.71	3.49	1223.79	26.86
51806	56.62	1.65	-13.00	-2055.10	466.35	-1118.96	-25.11	883.77	18.07
51807	57.46	1.65	-13.00	-2173.00	632.09	-1050.44	-58.67	569.60	12.01
51808	58.31	1.65	-13.00	-2221.23	734.07	-1068.25	-84.43	302.20	7.47
51809	54.93	-1.65	-14.33	-131.34	509.11	-1525.23	18.41	9.21	-49.03
51810	55.78	-1.65	-14.33	-653.70	743.22	-1519.40	63.77	370.06	-9.38
51811	56.62	-1.65	-14.33	-1528.28	852.14	-1320.69	78.54	446.50	11.16
51812	57.46	-1.65	-14.33	-2162.22	910.54	-1229.60	87.70	278.32	10.42
51813	58.31	-1.65	-14.33	-2495.21	946.19	-1206.84	94.92	130.25	7.96
51814	54.88	-0.55	-14.33	-126.58	524.72	-1529.79	9.09	7.95	-9.76
51815	55.72	-0.55	-14.33	-645.06	743.33	-1522.93	24.04	369.09	3.07
51816	56.56	-0.55	-14.33	-1521.91	847.34	-1326.67	27.09	447.15	9.59
51817	57.40	-0.55	-14.33	-2163.17	907.28	-1236.73	26.42	280.95	8.67
51818	58.25	-0.55	-14.33	-2504.52	945.96	-1214.12	24.40	133.63	7.38
51819	54.88	0.55	-14.33	-127.62	526.69	-1533.63	1.06	8.43	24.58
51820	55.72	0.55	-14.33	-649.17	744.64	-1526.98	-11.19	369.67	10.48
51821	56.56	0.55	-14.33	-1528.55	851.45	-1331.92	-19.94	446.94	5.92
51822	57.40	0.55	-14.33	-2169.23	913.22	-1242.52	-32.40	280.09	6.36
51823	58.25	0.55	-14.33	-2508.77	952.73	-1220.07	-44.60	132.77	6.67
51824	54.93	1.65	-14.33	-134.67	519.49	-1541.00	-6.61	10.87	58.47
51825	55.78	1.65	-14.33	-668.72	749.92	-1533.39	-45.70	375.30	18.30
51826	56.62	1.65	-14.33	-1549.57	866.21	-1335.75	-70.16	446.30	4.64
51827	57.46	1.65	-14.33	-2180.00	928.52	-1246.78	-94.40	275.68	5.38
51828	58.31	1.65	-14.33	-2507.44	966.26	-1224.53	-115.82	127.69	6.94
51829	101.90	2.50	-11.67	-3.84	151.31	102.15	-9.03	-4.17	28.58
51830	101.82	3.10	-11.67	-4.53	144.87	97.93	-12.23	-4.79	31.06
51831	101.05	2.50	-11.67	-11.49	186.07	75.43	-8.69	-10.91	23.36
51832	100.97	3.10	-11.67	-11.83	186.92	72.37	-11.97	-10.52	26.33
51833	100.20	2.50	-11.67	-16.64	221.13	40.85	-5.18	-14.19	17.13
51834	100.13	3.10	-11.67	-16.53	221.99	36.96	-8.69	-13.18	19.43
51835	99.36	2.50	-11.67	-21.22	254.09	0.99	-2.55	-11.75	11.15
51836	99.28	3.10	-11.67	-20.98	255.77	-3.76	-6.20	-10.13	13.03
51837	98.51	2.50	-11.67	-24.88	286.29	-41.78	-0.80	-5.03	5.61
51838	98.43	3.10	-11.67	-24.39	288.57	-47.50	-4.67	-2.91	7.23
51839	101.90	2.50	-13.00	-4.43	219.04	114.25	-12.86	-4.31	23.98
51840	101.82	3.10	-13.00	-5.43	208.48	110.13	-16.73	-4.85	25.41
51841	101.05	2.50	-13.00	-9.31	257.92	86.78	-12.37	-15.90	18.76
51842	100.97	3.10	-13.00	-9.94	258.61	83.68	-16.92	-15.64	21.13
51843	100.20	2.50	-13.00	-16.20	297.29	45.39	-6.94	-18.57	14.00
51844	100.13	3.10	-13.00	-16.32	297.89	41.59	-11.44	-17.83	15.72
51845	99.36	2.50	-13.00	-24.09	333.46	1.02	-2.87	-16.43	9.93
51846	99.28	3.10	-13.00	-24.04	335.21	-3.44	-7.41	-15.24	11.34
51847	98.51	2.50	-13.00	-30.40	368.64	-44.58	0.10	-11.68	6.23
51848	98.43	3.10	-13.00	-30.05	371.21	-49.75	-4.62	-10.14	7.44
51849	101.90	2.50	-14.33	15.47	295.09	129.99	-16.02	-17.30	19.40
51850	101.82	3.10	-14.33	14.70	286.64	126.28	-28.29	-17.88	18.55
51851	101.05	2.50	-14.33	3.48	336.11	93.46	-11.41	-23.75	12.88
51852	100.97	3.10	-14.33	2.63	340.19	90.20	-22.05	-23.46	13.76
51853	100.20	2.50	-14.33	-13.32	378.28	47.06	-4.20	-23.02	11.68
51854	100.13	3.10	-14.33	-13.57	382.37	43.16	-14.33	-22.57	11.81
51855	99.36	2.50	-14.33	-28.56	416.74	0.73	1.43	-21.73	10.02
51856	99.28	3.10	-14.33	-28.53	422.24	-3.72	-8.77	-21.08	10.08
51857	98.51	2.50	-14.33	-41.32	454.23	-46.11	6.24	-20.39	9.04
51858	98.43	3.10	-14.33	-40.83	461.10	-51.11	-4.43	-19.60	8.96
51859	97.48	2.50	-11.67	-26.73	314.85	-81.95	-0.11	2.86	1.14
51860	97.39	3.10	-11.67	-25.88	317.50	-88.27	-4.22	5.17	2.63
51861	96.25	2.50	-11.67	-26.88	340.05	-118.85	-0.14	10.16	-2.66
51862	96.17	3.10	-11.67	-25.67	342.75	-125.32	-4.47	12.42	-1.23
51863	95.02	2.50	-11.67	-25.83	365.30	-156.88	-0.69	16.59	-6.26
51864	94.95	3.10	-11.67	-24.28	368.05	-163.42	-5.24	18.70	-4.89
51865	93.79	2.50	-11.67	-23.85	390.59	-195.89	-1.64	21.44	-9.64
51866	93.73	3.10	-11.67	-22.00	393.37	-202.39	-6.40	23.31	-8.37
51867	92.57	2.50	-11.67	-21.50	415.80	-235.67	-2.88	24.22	-12.78
51868	92.50	3.10	-11.67	-19.41	418.61	-242.04	-7.84	25.83	-11.63
51869	91.34	2.50	-11.67	-19.39	440.82	-275.96	-4.34	24.56	-15.65
51870	91.28	3.10	-11.67	-17.10	443.65	-282.13	-9.50	25.90	-14.63
51871	90.11	2.50	-11.67	-18.18	465.45	-316.60	-5.97	22.21	-18.25
51872	90.06	3.10	-11.67	-15.74	468.29	-322.53	-11.31	23.30	-17.36
51873	88.88	2.50	-11.67	-18.56	489.54	-357.49	-7.75	16.98	-20.58
51874	88.84	3.10	-11.67	-15.99	492.37	-363.15	-13.26	17.85	-19.81
51875	87.66	2.50	-11.67	-21.30	512.89	-398.56	-9.68	8.75	-22.65
51876	87.62	3.10	-11.67	-18.61	515.69	-403.95	-15.36	9.44	-22.01

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
51877	86.43	2.50	-11.67	-27.20	535.35	-439.76	-11.77	-2.58	-24.51
51878	86.39	3.10	-11.67	-24.38	538.10	-444.87	-17.63	-2.01	-23.98
51879	85.20	2.50	-11.67	-37.12	556.77	-481.00	-14.04	-17.06	-26.18
51880	85.17	3.10	-11.67	-34.15	559.46	-485.86	-20.09	-16.57	-25.77
51881	83.97	2.50	-11.67	-51.93	577.01	-522.20	-16.50	-34.69	-27.70
51882	83.95	3.10	-11.67	-48.79	579.62	-526.81	-22.77	-34.22	-27.43
51883	82.75	2.50	-11.67	-72.55	595.97	-563.24	-19.20	-55.44	-29.12
51884	82.73	3.10	-11.67	-69.17	598.48	-567.61	-25.71	-54.93	-28.99
51885	81.52	2.50	-11.67	-99.87	613.53	-603.98	-22.15	-79.17	-30.45
51886	81.51	3.10	-11.67	-96.16	615.93	-608.13	-28.95	-78.57	-30.49
51887	80.29	2.50	-11.67	-134.73	629.62	-644.24	-25.41	-105.67	-31.71
51888	80.28	3.10	-11.67	-130.60	631.89	-648.20	-32.55	-104.94	-31.96
51889	79.06	2.50	-11.67	-177.95	644.19	-683.84	-29.03	-134.60	-32.92
51890	79.06	3.10	-11.67	-173.27	646.31	-687.64	-36.58	-133.70	-33.39
51891	97.48	2.50	-13.00	-33.47	399.93	-85.91	1.54	-6.10	3.36
51892	97.39	3.10	-13.00	-32.67	403.00	-91.40	-3.34	-4.44	4.50
51893	96.25	2.50	-13.00	-33.98	427.59	-122.58	1.94	-1.01	0.83
51894	96.17	3.10	-13.00	-32.70	430.85	-128.02	-3.14	0.60	1.95
51895	95.02	2.50	-13.00	-32.19	455.48	-159.64	1.64	3.35	-1.70
51896	94.95	3.10	-13.00	-30.44	458.95	-165.01	-3.68	4.84	-0.62
51897	93.79	2.50	-13.00	-28.90	483.56	-197.29	0.82	6.77	-4.16
51898	93.73	3.10	-13.00	-26.72	487.21	-202.55	-4.73	8.11	-3.16
51899	92.57	2.50	-13.00	-24.83	511.68	-235.31	-0.46	8.86	-6.45
51900	92.50	3.10	-13.00	-22.27	515.52	-240.42	-6.21	10.01	-5.55
51901	91.34	2.50	-13.00	-20.73	539.69	-273.56	-2.12	9.32	-8.55
51902	91.28	3.10	-13.00	-17.87	543.69	-278.49	-8.08	10.29	-7.76
51903	90.11	2.50	-13.00	-17.50	567.38	-311.96	-4.11	7.96	-10.44
51904	90.06	3.10	-13.00	-14.39	571.52	-316.69	-10.26	8.74	-9.77
51905	88.88	2.50	-13.00	-16.07	594.54	-350.45	-6.40	4.64	-12.13
51906	88.84	3.10	-13.00	-12.75	598.79	-354.97	-12.73	5.26	-11.57
51907	87.66	2.50	-13.00	-17.46	620.96	-389.02	-8.95	-0.70	-13.62
51908	87.62	3.10	-13.00	-13.96	625.27	-393.32	-15.49	-0.21	-13.18
51909	86.43	2.50	-13.00	-22.74	646.45	-427.63	-11.78	-8.13	-14.95
51910	86.39	3.10	-13.00	-19.07	650.80	-431.72	-18.54	-7.73	-14.60
51911	85.20	2.50	-13.00	-33.05	670.84	-466.27	-14.88	-17.67	-16.14
51912	85.17	3.10	-13.00	-29.19	675.18	-470.15	-21.89	-17.33	-15.90
51913	83.97	2.50	-13.00	-49.52	693.96	-504.90	-18.28	-29.32	-17.22
51914	83.95	3.10	-13.00	-45.43	698.29	-508.57	-25.56	-29.00	-17.08
51915	82.75	2.50	-13.00	-73.32	715.70	-543.46	-22.00	-43.06	-18.23
51916	82.73	3.10	-13.00	-68.94	719.97	-546.94	-29.61	-42.72	-18.20
51917	81.52	2.50	-13.00	-105.60	735.91	-581.91	-26.08	-58.82	-19.17
51918	81.51	3.10	-13.00	-100.82	740.11	-585.21	-34.07	-58.43	-19.28
51919	80.29	2.50	-13.00	-147.46	754.52	-620.18	-30.55	-76.47	-20.08
51920	80.28	3.10	-13.00	-142.18	758.61	-623.30	-39.00	-75.98	-20.33
51921	79.06	2.50	-13.00	-199.98	771.46	-658.18	-35.50	-95.79	-20.95
51922	79.06	3.10	-13.00	-194.03	775.40	-661.14	-44.50	-95.20	-21.36
51923	97.48	2.50	-14.33	-47.51	487.55	-87.99	8.92	-19.58	8.94
51924	97.39	3.10	-14.33	-46.35	495.69	-93.14	-2.54	-18.83	8.88
51925	96.25	2.50	-14.33	-46.04	517.60	-124.54	9.53	-18.46	8.38
51926	96.17	3.10	-14.33	-44.06	526.31	-129.52	-2.44	-17.81	8.35
51927	95.02	2.50	-14.33	-42.28	548.16	-161.35	9.46	-16.90	7.34
51928	94.95	3.10	-14.33	-39.59	557.25	-166.19	-2.73	-16.31	7.30
51929	93.79	2.50	-14.33	-36.33	579.02	-198.36	8.67	-15.53	6.38
51930	93.73	3.10	-14.33	-33.02	588.49	-203.05	-3.72	-15.01	6.29
51931	92.57	2.50	-14.33	-28.85	610.05	-235.46	7.23	-14.63	5.49
51932	92.50	3.10	-14.33	-25.01	619.86	-239.99	-5.36	-14.19	5.34
51933	91.34	2.50	-14.33	-20.81	641.05	-272.61	5.22	-14.35	4.68
51934	91.28	3.10	-14.33	-16.54	651.16	-276.98	-7.57	-13.99	4.47
51935	90.11	2.50	-14.33	-13.37	671.80	-309.79	2.70	-14.76	3.95
51936	90.06	3.10	-14.33	-8.75	682.16	-313.99	-10.28	-14.48	3.68
51937	88.88	2.50	-14.33	-7.78	702.04	-346.98	-0.25	-15.90	3.31
51938	88.84	3.10	-14.33	-2.90	712.61	-351.01	-13.43	-15.69	2.99
51939	87.66	2.50	-14.33	-5.38	731.54	-384.20	-3.59	-17.81	2.75
51940	87.62	3.10	-14.33	-0.28	742.26	-388.05	-16.99	-17.65	2.37
51941	86.43	2.50	-14.33	-7.57	760.07	-421.42	-7.29	-20.48	2.26
51942	86.39	3.10	-14.33	-2.27	770.90	-425.10	-20.94	-20.37	1.82
51943	85.20	2.50	-14.33	-15.76	787.44	-458.65	-11.35	-23.95	1.82
51944	85.17	3.10	-14.33	-10.26	798.33	-462.15	-25.28	-23.86	1.32
51945	83.97	2.50	-14.33	-31.41	813.45	-495.87	-15.76	-28.20	1.41
51946	83.95	3.10	-14.33	-25.67	824.37	-499.21	-30.02	-28.13	0.87
51947	82.75	2.50	-14.33	-56.01	837.94	-533.09	-20.57	-33.24	1.04
51948	82.73	3.10	-14.33	-49.95	848.84	-536.25	-35.21	-33.16	0.44
51949	81.52	2.50	-14.33	-91.04	860.74	-570.28	-25.81	-39.04	0.69
51950	81.51	3.10	-14.33	-84.54	871.60	-573.27	-40.90	-38.94	0.02
51951	80.29	2.50	-14.33	-137.95	881.74	-607.44	-31.54	-45.56	0.35
51952	80.28	3.10	-14.33	-130.87	892.53	-610.26	-47.17	-45.43	-0.39
51953	79.06	2.50	-14.33	-198.15	900.86	-644.54	-37.83	-52.73	0.01
51954	79.06	3.10	-14.33	-190.29	911.55	-647.20	-54.13	-52.57	-0.80
51955	77.84	2.50	-11.67	-224.88	659.14	-726.26	-41.12	-164.42	-34.79
51956	76.62	3.10	-11.67	-285.96	670.41	-763.82	-46.25	-196.51	-36.12
51957	75.39	2.50	-11.67	-356.96	680.12	-800.08	-52.06	-229.20	-37.32
51958	74.17	3.10	-11.67	-438.08	688.34	-834.78	-58.64	-261.55	-38.32
51959	72.95	2.50	-11.67	-529.32	695.14	-867.62	-66.06	-292.40	-39.01
51960	71.73	3.10	-11.67	-630.36	700.59	-898.29	-74.37	-320.35	-39.24
51961	70.51	2.50	-11.67	-740.55	704.74	-926.43	-83.58	-343.76	-38.85
51962	69.28	3.10	-11.67	-858.86	707.62	-951.65	-93.61	-360.70	-37.64
51963	68.06	2.50	-11.67	-983.85	709.13	-973.45	-104.27	-368.98	-35.43
51964	66.84	3.10	-11.67	-1113.68	709.04	-991.16	-115.24	-366.05	-32.01
51965	65.62	2.50	-11.67	-1246.21	706.86	-1003.91	-125.98	-349.03	-27.21
51966	64.40	3.10	-11.67	-1379.08	701.74	-1010.55	-135.68	-314.57	-20.90
51967	63.17	2.50	-11.67	-1509.89	692.32	-1009.64	-143.22	-258.85	-12.95
51968	61.95	3.10	-11.67	-1636.60	676.44	-999.48	-147.07	-177.69	-3.32
51969	60.73	2.50	-11.67	-1758.29	650.79	-978.08	-145.16	-67.09	7.99
51970	59.51	3.10	-11.67	-1876.91	610.21	-943.53	-134.79	75.02	21.29
51971	77.84	2.50	-11.67	-230.23	657.21	-722.58	-33.07	-165.52	-34.06
51972	76.61	2.50	-11.67	-292.17	668.69	-760.22	-37.59	-197.82	-35.11
51973	75.38	2.50	-11.67	-364.21	678.66	-796.52	-42.66	-230.71	-36.02
51974	74.15	2.50	-11.67	-446.57	687.18	-831.20	-48.35	-263.23	-36.73
51975	72.93	2.50	-11.67	-539.25	694.32	-863.96	-54.71	-294.19	-37.15

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
51976	71.70	2.50	-11.67	-641.92	700.15	-894.49	-61.78	-322.15	-37.17
51977	70.47	2.50	-11.67	-753.92	704.73	-922.44	-69.55	-345.44	-36.64
51978	69.24	2.50	-11.67	-874.18	708.05	-947.41	-77.95	-362.10	-35.41
51979	68.02	2.50	-11.67	-1001.17	709.97	-968.91	-86.79	-369.89	-33.32
51980	66.79	2.50	-11.67	-1132.99	710.20	-986.29	-95.79	-366.24	-30.21
51981	65.56	2.50	-11.67	-1267.35	708.15	-998.67	-104.46	-348.25	-25.96
51982	64.33	2.50	-11.67	-1401.71	702.85	-1004.90	-112.09	-312.56	-20.46
51983	63.11	2.50	-11.67	-1533.45	692.73	-1003.52	-117.69	-255.34	-13.63
51984	61.88	2.50	-11.67	-1660.27	675.45	-992.81	-119.93	-172.46	-5.47
51985	60.65	2.50	-11.67	-1780.94	647.47	-970.76	-117.09	-60.05	4.00
51986	59.42	2.50	-11.67	-1897.14	603.33	-935.58	-106.96	83.95	14.91
51987	77.84	3.10	-13.00	-257.32	790.45	-698.66	-50.65	-115.78	-22.38
51988	76.62	3.10	-13.00	-332.80	803.76	-735.76	-57.53	-137.37	-23.35
51989	75.39	3.10	-13.00	-421.09	815.35	-772.34	-65.26	-159.47	-24.23
51990	74.17	3.10	-13.00	-522.51	825.31	-808.30	-73.93	-181.45	-24.97
51991	72.95	3.10	-13.00	-637.10	833.73	-843.50	-83.62	-202.55	-25.50
51992	71.73	3.10	-13.00	-764.47	840.74	-877.81	-94.37	-221.82	-25.70
51993	70.51	3.10	-13.00	-903.74	846.48	-911.08	-106.19	-238.13	-25.48
51994	69.28	3.10	-13.00	-1053.45	851.05	-943.12	-118.99	-250.14	-24.69
51995	68.06	3.10	-13.00	-1211.46	854.52	-973.68	-132.57	-256.22	-23.20
51996	66.84	3.10	-13.00	-1374.78	856.83	-1002.43	-146.57	-254.45	-20.90
51997	65.62	3.10	-13.00	-1539.51	857.75	-1028.89	-160.43	-242.49	-17.69
51998	64.40	3.10	-13.00	-1700.66	856.77	-1052.45	-173.29	-217.44	-13.48
51999	63.17	3.10	-13.00	-1852.01	852.98	-1072.26	-183.98	-175.75	-8.25
52000	61.95	3.10	-13.00	-1986.02	844.84	-1087.16	-190.92	-112.97	-2.06
52001	60.73	3.10	-13.00	-2093.94	829.98	-1095.44	-192.15	-23.53	4.80
52002	59.51	3.10	-13.00	-2166.74	804.93	-1093.73	-185.29	99.59	11.82
52003	77.84	2.50	-13.00	-264.10	786.69	-695.85	-40.97	-116.51	-21.79
52004	76.61	2.50	-13.00	-340.62	800.22	-733.08	-47.06	-138.24	-22.57
52005	75.38	2.50	-13.00	-430.17	812.09	-769.76	-53.82	-160.47	-23.26
52006	74.15	2.50	-13.00	-533.08	822.39	-805.80	-61.34	-182.55	-23.81
52007	72.93	2.50	-13.00	-649.39	831.22	-841.06	-69.67	-203.71	-24.17
52008	71.70	2.50	-13.00	-778.69	838.71	-875.41	-78.84	-222.98	-24.24
52009	70.47	2.50	-13.00	-920.09	845.00	-908.68	-88.84	-239.19	-23.95
52010	69.24	2.50	-13.00	-1072.06	850.17	-940.71	-99.59	-250.98	-23.17
52011	68.02	2.50	-13.00	-1232.37	854.25	-971.23	-110.88	-256.72	-21.80
52012	66.79	2.50	-13.00	-1397.91	857.12	-999.92	-122.40	-254.43	-19.75
52013	65.56	2.50	-13.00	-1564.60	858.46	-1026.32	-133.62	-241.77	-16.94
52014	64.33	2.50	-13.00	-1727.21	857.62	-1049.78	-143.80	-215.81	-13.31
52015	63.11	2.50	-13.00	-1879.19	853.49	-1069.45	-151.89	-172.97	-8.87
52016	61.88	2.50	-13.00	-2012.60	844.33	-1084.15	-156.55	-108.81	-3.70
52017	60.65	2.50	-13.00	-2118.28	827.59	-1092.12	-156.12	-17.78	1.91
52018	59.42	2.50	-13.00	-2186.73	799.62	-1090.02	-148.63	107.18	7.39
52019	77.84	3.10	-14.33	-264.12	928.61	-684.07	-61.89	-60.24	-1.21
52020	76.62	3.10	-14.33	-353.44	943.72	-720.86	-70.56	-68.33	-1.61
52021	75.39	3.10	-14.33	-459.20	956.92	-757.54	-80.28	-76.66	-1.99
52022	74.17	3.10	-14.33	-581.99	968.31	-794.10	-91.15	-85.02	-2.32
52023	72.95	3.10	-14.33	-722.07	978.06	-830.50	-103.29	-93.12	-2.57
52024	71.73	3.10	-14.33	-879.17	986.38	-866.72	-116.77	-100.62	-2.70
52025	70.51	3.10	-14.33	-1052.41	993.51	-902.74	-131.58	-107.11	-2.66
52026	69.28	3.10	-14.33	-1240.13	999.71	-938.49	-147.63	-112.06	-2.41
52027	68.06	3.10	-14.33	-1439.68	1005.22	-973.94	-164.71	-114.87	-1.90
52028	66.84	3.10	-14.33	-1647.19	1010.23	-1009.01	-182.42	-114.76	-1.08
52029	65.62	3.10	-14.33	-1857.25	1014.80	-1043.58	-200.11	-110.76	0.09
52030	64.40	3.10	-14.33	-2062.45	1018.82	-1077.52	-216.85	-101.64	1.61
52031	63.17	3.10	-14.33	-2252.82	1021.91	-1110.60	-231.35	-85.80	3.50
52032	61.95	3.10	-14.33	-2415.06	1023.32	-1142.55	-241.91	-61.12	5.69
52033	60.73	3.10	-14.33	-2531.34	1021.80	-1172.85	-246.48	-24.68	8.01
52034	59.51	3.10	-14.33	-2577.75	1015.63	-1200.70	-243.09	27.65	10.00
52035	77.84	2.50	-14.33	-272.95	918.07	-681.58	-44.78	-60.46	-0.31
52036	76.61	2.50	-14.33	-363.51	933.36	-718.53	-52.48	-68.60	-0.63
52037	75.38	2.50	-14.33	-470.76	946.81	-755.38	-61.01	-76.99	-0.91
52038	74.15	2.50	-14.33	-595.34	958.53	-792.09	-70.48	-85.40	-1.14
52039	72.93	2.50	-14.33	-737.47	968.69	-828.65	-80.96	-93.53	-1.30
52040	71.70	2.50	-14.33	-896.90	977.52	-865.03	-92.49	-101.03	-1.36
52041	70.47	2.50	-14.33	-1072.69	985.26	-901.19	-105.05	-107.49	-1.27
52042	69.24	2.50	-14.33	-1263.10	992.16	-937.09	-118.56	-112.37	-0.99
52043	68.02	2.50	-14.33	-1465.39	998.43	-972.69	-132.79	-115.04	-0.48
52044	66.79	2.50	-14.33	-1675.51	1004.19	-1007.90	-147.38	-114.73	0.28
52045	65.56	2.50	-14.33	-1887.81	1009.41	-1042.61	-161.75	-110.47	1.35
52046	64.33	2.50	-14.33	-2094.55	1013.82	-1076.67	-175.06	-100.99	2.71
52047	63.11	2.50	-14.33	-2285.33	1016.86	-1109.86	-186.15	-84.69	4.37
52048	61.88	2.50	-14.33	-2446.24	1017.52	-1141.87	-193.56	-59.41	6.25
52049	60.65	2.50	-14.33	-2558.74	1014.31	-1172.18	-195.60	-22.24	8.18
52050	59.42	2.50	-14.33	-2598.01	1005.68	-1199.94	-190.97	31.15	9.58
52051	58.39	2.50	-11.67	-2030.95	521.69	-883.11	-84.84	280.61	27.63
52052	58.47	3.10	-11.67	-2016.43	532.01	-891.09	-109.61	272.44	37.15
52053	57.54	2.50	-11.67	-2210.06	377.69	-832.50	-45.52	533.63	49.60
52054	57.62	3.10	-11.67	-2204.32	388.10	-839.34	-62.65	529.85	64.43
52055	56.70	2.50	-11.67	-2469.46	151.24	-892.58	3.97	819.64	79.89
52056	56.77	3.10	-11.67	-2473.53	152.47	-898.42	-6.83	822.55	105.44
52057	55.85	2.50	-11.67	-2907.59	-168.67	-1205.27	55.23	1350.66	110.48
52058	55.93	3.10	-11.67	-2923.22	-182.01	-1213.11	35.35	1362.86	167.91
52059	55.01	2.50	-11.67	-3374.82	-798.21	-3886.97	72.54	2563.43	161.23
52060	55.08	3.10	-11.67	-3444.74	-849.29	-4005.78	15.29	2657.13	309.68
52061	58.39	2.50	-13.00	-2211.58	744.67	-1072.68	-129.77	294.33	11.15
52062	58.47	3.10	-13.00	-2199.03	753.06	-1076.66	-164.69	286.96	17.14
52063	57.54	2.50	-13.00	-2173.25	643.43	-1054.53	-94.40	565.27	18.91
52064	57.62	3.10	-13.00	-2169.62	652.56	-1058.23	-123.25	562.20	27.30
52065	56.70	2.50	-13.00	-2065.44	475.00	-1121.76	-50.44	886.25	32.19
52066	56.77	3.10	-13.00	-2067.97	476.87	-1127.35	-71.29	890.30	45.35
52067	55.85	2.50	-13.00	-1716.69	192.23	-1800.69	-16.02	1245.42	68.56
52068	55.93	3.10	-13.00	-1720.31	185.08	-1819.02	-39.70	1255.80	104.65
52069	55.01	2.50	-13.00	-383.55	23.53	-2124.32	2.30	566.23	162.62
52070	55.08	3.10	-13.00	-379.51	6.43	-2152.63	-16.77	583.22	231.31
52071	58.39	2.50	-14.33	-2499.84	987.72	-1225.77	-178.18	121.03	7.14
52072	58.47	3.10	-14.33	-2489.77	1000.80	-1226.91	-229.86	117.44	7.54
52073	57.54	2.50	-14.33	-2185.32	953.29	-1248.00	-151.30	270.85	5.63
52074	57.62	3.10	-14.33	-2185.35	968.32	-1249.74	-199.36	269.79	5.50

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
52075	56.70	2.50	-14.33	-1563.24	890.89	-1337.35	-120.32	445.58	8.40
52076	56.77	3.10	-14.33	-1566.00	903.51	-1341.26	-163.68	447.46	9.55
52077	55.85	2.50	-14.33	-681.29	767.63	-1539.09	-80.08	378.54	33.68
52078	55.93	3.10	-14.33	-682.63	772.97	-1545.31	-115.58	377.66	45.74
52079	55.01	2.50	-14.33	-141.44	501.61	-1547.30	-14.11	9.70	81.75
52080	55.08	3.10	-14.33	-143.73	466.17	-1551.88	-26.76	11.84	104.19
52081	97.31	7.26	-11.67	-16.44	305.80	-107.51	-34.05	14.82	25.23
52082	97.69	6.18	-11.67	-19.33	301.49	-88.83	-25.69	9.92	19.36
52083	98.01	5.08	-11.67	-21.64	296.83	-72.01	-17.79	5.11	14.38
52084	98.27	3.96	-11.67	-23.38	292.07	-57.29	-10.25	0.46	10.07
52085	98.20	7.26	-11.67	-15.26	269.78	-56.88	-33.70	3.49	30.51
52086	98.57	6.18	-11.67	-17.50	266.41	-40.37	-25.83	-0.27	25.09
52087	98.87	5.08	-11.67	-19.22	262.60	-25.46	-18.43	-3.94	20.34
52088	99.12	3.96	-11.67	-20.39	258.59	-12.32	-11.40	-7.52	16.04
52089	99.09	7.26	-11.67	-11.11	232.87	-9.71	-34.32	-6.17	37.07
52090	99.44	6.18	-11.67	-13.25	230.35	4.74	-26.95	-7.96	31.96
52091	99.74	5.08	-11.67	-15.00	227.43	17.87	-20.04	-9.76	27.32
52092	99.98	3.96	-11.67	-16.09	224.19	29.53	-13.58	-11.68	22.82
52093	99.98	7.26	-11.67	-4.47	194.41	31.80	-35.90	-11.93	45.55
52094	100.32	6.18	-11.67	-7.00	192.59	44.40	-28.85	-11.22	40.63
52095	100.60	5.07	-11.67	-9.54	190.09	55.83	-22.16	-10.71	35.54
52096	100.83	3.96	-11.67	-11.37	187.83	65.98	-16.13	-10.41	30.30
52097	100.87	7.26	-11.67	5.90	155.42	64.60	-38.18	-15.37	56.71
52098	101.20	6.17	-11.67	2.84	152.27	75.28	-31.71	-12.68	50.97
52099	101.47	5.07	-11.67	-0.17	148.60	84.64	-24.86	-9.83	44.38
52100	101.69	3.96	-11.67	-3.10	144.58	92.45	-17.48	-6.90	36.77
52101	97.31	7.26	-13.00	-22.80	393.64	-107.64	-12.09	2.62	19.13
52102	97.69	6.18	-13.00	-25.52	387.83	-89.78	-31.35	-0.35	15.51
52103	98.01	5.08	-13.00	-27.60	382.11	-73.44	-21.81	-3.73	12.27
52104	98.27	3.96	-13.00	-29.13	376.20	-59.11	-12.26	-7.53	9.51
52105	98.20	7.26	-13.00	-19.27	352.40	-57.23	-42.91	-5.00	22.35
52106	98.57	6.18	-13.00	-21.32	348.17	-40.74	-32.69	-7.39	19.14
52107	98.87	5.08	-13.00	-22.76	343.83	-25.55	-23.66	-10.07	16.16
52108	99.12	3.96	-13.00	-23.61	339.15	-12.08	-14.65	-13.15	13.48
52109	99.09	7.26	-13.00	-11.62	310.29	-8.31	-44.80	-12.11	26.56
52110	99.44	6.18	-13.00	-13.84	307.49	6.87	-35.18	-13.14	23.68
52111	99.74	5.08	-13.00	-15.44	304.54	21.01	-26.77	-14.54	20.92
52112	99.98	3.96	-13.00	-16.14	300.98	33.67	-18.41	-16.51	18.15
52113	99.98	7.26	-13.00	-1.97	265.93	37.47	-48.60	-16.17	32.92
52114	100.32	6.18	-13.00	-5.13	264.20	51.27	-39.42	-15.23	30.45
52115	100.60	5.07	-13.00	-7.99	261.86	64.32	-31.19	-14.95	27.41
52116	100.83	3.96	-13.00	-9.76	259.81	76.22	-23.17	-15.30	24.04
52117	100.87	7.26	-13.00	9.14	219.46	70.44	-54.09	-14.32	44.71
52118	101.20	6.17	-13.00	5.00	215.26	83.31	-45.12	-12.03	41.26
52119	101.47	5.07	-13.00	1.06	211.57	95.15	-36.04	-9.61	36.12
52120	101.69	3.96	-13.00	-2.96	207.35	104.47	-25.27	-7.10	30.00
52121	97.31	7.26	-14.33	-36.70	485.85	-107.31	-45.92	-11.49	12.88
52122	97.69	6.18	-14.33	-38.17	479.20	-89.96	-34.39	-10.91	10.86
52123	98.01	5.08	-14.33	-39.41	472.40	-74.26	-23.27	-12.13	9.49
52124	98.27	3.96	-14.33	-40.37	465.70	-60.50	-13.71	-15.46	8.81
52125	98.20	7.26	-14.33	-28.57	439.33	-57.76	-48.52	-13.72	13.33
52126	98.57	6.18	-14.33	-29.32	434.86	-41.18	-37.28	-13.24	11.70
52127	98.87	5.08	-14.33	-29.57	430.13	-26.07	-26.62	-14.31	10.55
52128	99.12	3.96	-14.33	-29.22	425.32	-12.71	-17.56	-17.31	9.96
52129	99.09	7.26	-14.33	-14.78	392.36	-8.70	-51.44	-16.99	14.80
52130	99.44	6.18	-14.33	-15.48	390.07	7.19	-40.86	-16.01	13.33
52131	99.74	5.08	-14.33	-15.68	387.36	21.73	-31.03	-16.56	12.38
52132	99.98	3.96	-14.33	-14.77	384.22	34.68	-22.79	-19.12	11.80
52133	99.98	7.26	-14.33	4.30	344.32	40.27	-56.02	-19.89	16.02
52134	100.32	6.18	-14.33	1.84	343.31	55.30	-46.40	-17.91	15.34
52135	100.60	5.07	-14.33	0.30	341.71	69.24	-37.43	-17.90	14.51
52136	100.83	3.96	-14.33	0.86	340.47	81.95	-30.01	-20.13	13.88
52137	100.87	7.26	-14.33	25.40	288.81	80.49	-67.63	-18.87	27.56
52138	101.20	6.17	-14.33	19.80	286.33	95.09	-58.79	-16.03	25.18
52139	101.47	5.07	-14.33	15.94	284.43	108.48	-48.58	-14.80	22.52
52140	101.69	3.96	-14.33	13.81	282.23	119.44	-38.61	-15.53	19.84
52141	79.06	3.95	-11.67	-165.73	648.29	-693.44	-46.91	-131.96	-33.37
52142	80.27	3.95	-11.67	-124.03	634.18	-654.29	-42.36	-103.55	-31.64
52143	81.48	3.95	-11.67	-90.33	618.48	-614.58	-38.33	-77.48	-29.91
52144	82.69	3.95	-11.67	-63.89	601.27	-574.46	-34.73	-54.04	-28.17
52145	83.90	3.95	-11.67	-43.90	582.63	-534.09	-31.48	-33.44	-26.40
52146	85.12	3.95	-11.67	-29.55	562.66	-493.61	-28.52	-15.80	-24.56
52147	86.33	3.96	-11.67	-20.00	541.48	-453.11	-25.81	-1.16	-22.59
52148	87.54	3.96	-11.67	-14.40	519.22	-412.68	-23.32	10.48	-20.43
52149	88.75	3.96	-11.67	-11.94	496.02	-372.38	-20.99	19.17	-18.05
52150	89.96	3.96	-11.67	-11.86	472.04	-332.24	-18.82	24.98	-15.40
52151	91.18	3.96	-11.67	-13.43	447.45	-292.28	-16.78	27.99	-12.46
52152	92.39	3.96	-11.67	-16.01	422.45	-252.55	-14.89	28.35	-9.27
52153	93.60	3.96	-11.67	-18.95	397.22	-213.16	-13.18	26.25	-5.85
52154	94.81	3.96	-11.67	-21.67	371.91	-174.28	-11.74	22.00	-2.25
52155	96.02	3.96	-11.67	-23.57	346.60	-136.11	-10.68	15.98	1.47
52156	97.23	3.96	-11.67	-24.31	321.30	-98.83	-10.13	8.83	5.34
52157	79.05	5.05	-11.67	-154.80	649.63	-701.64	-59.87	-129.31	-32.20
52158	80.24	5.05	-11.67	-114.62	635.98	-662.96	-54.74	-101.50	-30.15
52159	81.44	5.06	-11.67	-82.06	620.71	-623.80	-50.23	-75.92	-28.12
52160	82.63	5.06	-11.67	-56.45	603.91	-584.31	-46.22	-52.85	-26.12
52161	83.83	5.06	-11.67	-37.05	585.64	-544.62	-42.61	-32.47	-24.09
52162	85.03	5.06	-11.67	-23.11	566.04	-504.86	-39.34	-14.89	-22.01
52163	86.22	5.06	-11.67	-13.83	545.20	-465.10	-36.34	-0.16	-19.80
52164	87.42	5.07	-11.67	-8.45	523.26	-425.43	-33.58	11.72	-17.40
52165	88.61	5.07	-11.67	-6.18	500.34	-385.89	-31.01	20.80	-14.76
52166	89.81	5.07	-11.67	-6.31	476.59	-346.48	-28.59	27.11	-11.82
52167	91.00	5.07	-11.67	-8.14	452.18	-307.21	-26.31	30.71	-8.59
52168	92.20	5.07	-11.67	-11.06	427.32	-268.06	-24.14	31.68	-5.11
52169	93.39	5.08	-11.67	-14.46	402.19	-229.07	-22.14	30.18	-1.47
52170	94.59	5.08	-11.67	-17.75	376.96	-190.37	-20.38	26.43	2.24
52171	95.78	5.08	-11.67	-20.33	351.70	-152.14	-18.99	20.78	5.97
52172	96.98	5.08	-11.67	-21.81	326.41	-114.56	-18.11	13.78	9.75
52173	79.04	6.15	-11.67	-142.53	648.93	-710.61	-72.26	-126.17	-29.55



Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
52174	80.21	6.15	-11.67	-104.16	635.84	-672.46	-66.67	-99.12	-27.27
52175	81.39	6.16	-11.67	-72.96	621.11	-633.96	-61.77	-74.16	-25.02
52176	82.56	6.16	-11.67	-48.32	604.83	-595.22	-57.41	-51.56	-22.79
52177	83.74	6.16	-11.67	-29.60	587.08	-556.33	-53.51	-31.49	-20.55
52178	84.91	6.16	-11.67	-16.10	567.97	-517.41	-49.96	-14.04	-18.25
52179	86.09	6.16	-11.67	-7.12	547.62	-478.51	-46.71	0.73	-15.82
52180	87.26	6.17	-11.67	-1.94	526.16	-439.71	-43.71	12.84	-13.20
52181	88.44	6.17	-11.67	0.16	503.69	-401.02	-40.93	22.30	-10.32
52182	89.61	6.17	-11.67	-0.15	480.34	-362.45	-38.32	29.15	-7.11
52183	90.79	6.17	-11.67	-2.23	456.27	-323.96	-35.84	33.39	-3.59
52184	91.96	6.17	-11.67	-5.47	431.68	-285.51	-33.46	35.03	0.19
52185	93.14	6.18	-11.67	-9.32	406.79	-247.05	-31.23	34.14	4.05
52186	94.31	6.18	-11.67	-13.20	381.75	-208.63	-29.23	30.92	7.83
52187	95.49	6.18	-11.67	-16.48	356.64	-170.39	-27.58	25.66	11.46
52188	96.66	6.18	-11.67	-18.70	331.45	-132.55	-26.42	18.86	15.02
52189	79.03	7.25	-11.67	-129.13	645.64	-720.41	-84.07	-122.58	-24.53
52190	80.18	7.25	-11.67	-92.83	633.20	-682.84	-78.13	-96.41	-22.17
52191	81.33	7.25	-11.67	-63.17	619.13	-645.06	-72.92	-72.19	-19.81
52192	82.48	7.25	-11.67	-39.64	603.50	-607.14	-68.31	-50.15	-17.44
52193	83.63	7.25	-11.67	-21.68	586.39	-569.14	-64.17	-30.46	-15.05
52194	84.78	7.26	-11.67	-8.66	567.93	-531.12	-60.41	-13.21	-12.60
52195	85.93	7.26	-11.67	0.04	548.21	-493.14	-56.95	1.55	-10.02
52196	87.08	7.26	-11.67	5.05	527.38	-455.23	-53.76	13.84	-7.24
52197	88.23	7.26	-11.67	7.01	505.54	-417.42	-50.80	23.68	-4.20
52198	89.38	7.26	-11.67	6.53	482.78	-379.70	-48.05	31.06	-0.81
52199	90.53	7.26	-11.67	4.25	459.24	-342.05	-45.45	35.96	2.92
52200	91.68	7.26	-11.67	0.70	435.13	-304.39	-42.95	38.32	6.92
52201	92.83	7.26	-11.67	-3.57	410.64	-266.59	-40.57	38.07	10.96
52202	93.98	7.26	-11.67	-8.02	385.95	-228.60	-38.38	35.36	14.75
52203	95.13	7.26	-11.67	-11.99	361.10	-190.47	-36.54	30.49	18.16
52204	96.28	7.26	-11.67	-14.97	336.11	-152.47	-35.15	23.94	21.33
52205	79.06	3.95	-13.00	-184.30	781.58	-666.18	-57.83	-93.84	-21.64
52206	80.27	3.95	-13.00	-133.64	765.06	-628.63	-51.64	-74.86	-20.39
52207	81.48	3.95	-13.00	-93.19	746.78	-590.87	-46.12	-57.49	-19.13
52208	82.69	3.95	-13.00	-61.98	726.82	-552.96	-41.18	-41.91	-17.87
52209	83.90	3.95	-13.00	-38.96	705.28	-514.95	-36.72	-28.26	-16.58
52210	85.12	3.95	-13.00	-23.08	682.28	-476.91	-32.69	-16.59	-15.23
52211	86.33	3.96	-13.00	-13.24	657.95	-438.87	-29.02	-6.92	-13.77
52212	87.54	3.96	-13.00	-8.37	632.45	-400.86	-25.70	0.74	-12.18
52213	88.75	3.96	-13.00	-7.41	605.92	-362.90	-22.69	6.42	-10.40
52214	89.96	3.96	-13.00	-9.33	578.55	-325.01	-19.98	10.15	-8.41
52215	91.18	3.96	-13.00	-13.17	550.55	-287.19	-17.56	11.99	-6.20
52216	92.39	3.96	-13.00	-18.00	522.17	-249.45	-15.44	12.02	-3.80
52217	93.60	3.96	-13.00	-23.00	493.63	-211.86	-13.67	10.39	-1.25
52218	94.81	3.96	-13.00	-27.35	465.12	-174.54	-12.33	7.37	1.39
52219	96.02	3.96	-13.00	-30.31	436.77	-137.67	-11.48	3.28	4.00
52220	97.23	3.96	-13.00	-31.04	408.62	-101.10	-11.34	-1.69	6.52
52221	79.05	5.05	-13.00	-170.39	787.79	-673.41	-73.85	-91.50	-21.74
52222	80.24	5.05	-13.00	-121.58	771.71	-636.34	-66.89	-72.90	-20.24
52223	81.44	5.06	-13.00	-82.53	753.81	-599.11	-60.73	-55.85	-18.75
52224	82.63	5.06	-13.00	-52.33	734.17	-561.75	-55.24	-40.51	-17.26
52225	83.83	5.06	-13.00	-30.04	712.91	-524.33	-50.32	-26.99	-15.74
52226	85.03	5.06	-13.00	-14.66	690.13	-486.89	-45.88	-15.35	-14.16
52227	86.22	5.06	-13.00	-5.20	665.98	-449.47	-41.86	-5.61	-12.48
52228	87.42	5.07	-13.00	-0.63	640.59	-412.08	-38.22	2.23	-10.65
52229	88.61	5.07	-13.00	0.02	614.10	-374.75	-34.93	8.19	-8.61
52230	89.81	5.07	-13.00	-2.26	586.67	-337.48	-31.95	12.29	-6.34
52231	91.00	5.07	-13.00	-6.55	558.51	-300.25	-29.25	14.53	-3.83
52232	92.20	5.07	-13.00	-11.97	529.90	-263.07	-26.83	14.98	-1.14
52233	93.39	5.08	-13.00	-17.69	501.10	-225.96	-24.74	13.74	1.63
52234	94.59	5.08	-13.00	-22.91	472.35	-189.00	-23.06	11.04	4.38
52235	95.78	5.08	-13.00	-26.83	443.75	-152.35	-21.86	7.17	7.00
52236	96.98	5.08	-13.00	-28.52	415.30	-115.87	-21.35	2.29	9.42
52237	79.04	6.15	-13.00	-154.77	792.23	-680.94	-88.75	-89.39	-20.90
52238	80.21	6.15	-13.00	-108.16	776.69	-644.45	-81.18	-71.26	-19.22
52239	81.39	6.16	-13.00	-70.76	759.27	-607.85	-74.51	-54.60	-17.54
52240	82.56	6.16	-13.00	-41.77	740.06	-571.18	-68.58	-39.56	-15.84
52241	83.74	6.16	-13.00	-20.32	719.18	-534.48	-63.28	-26.23	-14.11
52242	84.91	6.16	-13.00	-5.50	696.74	-497.77	-58.50	-14.68	-12.32
52243	86.09	6.16	-13.00	3.59	672.87	-461.09	-54.17	-4.90	-10.41
52244	87.26	6.17	-13.00	7.86	647.71	-424.45	-50.25	3.09	-8.34
52245	88.44	6.17	-13.00	8.23	621.38	-387.87	-46.71	9.32	-6.04
52246	89.61	6.17	-13.00	5.61	594.00	-351.34	-43.52	13.79	-3.47
52247	90.79	6.17	-13.00	0.88	565.77	-314.86	-40.60	16.47	-0.62
52248	91.96	6.17	-13.00	-5.12	536.98	-278.39	-37.92	17.35	2.41
52249	93.14	6.18	-13.00	-11.62	507.99	-241.89	-35.53	16.49	5.44
52250	94.31	6.18	-13.00	-17.77	479.08	-205.42	-33.53	14.11	8.28
52251	95.49	6.18	-13.00	-22.72	450.36	-169.10	-32.04	10.49	10.80
52252	96.66	6.18	-13.00	-25.43	421.78	-132.77	-31.25	5.76	12.98
52253	79.03	7.25	-13.00	-137.50	794.74	-688.11	-103.91	-87.39	-18.95
52254	80.18	7.25	-13.00	-93.41	779.86	-652.30	-95.91	-69.78	-17.21
52255	81.33	7.25	-13.00	-57.91	763.05	-616.44	-88.87	-53.58	-15.40
52256	82.48	7.25	-13.00	-30.28	744.40	-580.57	-82.62	-38.90	-13.54
52257	83.63	7.25	-13.00	-9.76	724.02	-544.69	-77.04	-25.82	-11.63
52258	84.78	7.26	-13.00	4.46	702.04	-508.83	-72.01	-14.40	-9.64
52259	85.93	7.26	-13.00	13.18	678.60	-473.00	-67.44	-4.65	-7.53
52260	87.08	7.26	-13.00	17.22	653.82	-437.21	-63.28	3.44	-5.26
52261	88.23	7.26	-13.00	17.38	627.83	-401.47	-59.52	9.88	-2.75
52262	89.38	7.26	-13.00	14.47	600.68	-365.80	-56.14	14.67	0.07
52263	90.53	7.26	-13.00	9.32	572.54	-330.21	-53.04	17.77	3.24
52264	91.68	7.26	-13.00	2.71	543.73	-294.66	-50.15	19.10	6.66
52265	92.83	7.26	-13.00	-4.59	514.65	-259.02	-47.47	18.60	10.04
52266	93.98	7.26	-13.00	-11.78	485.72	-223.23	-45.15	16.48	12.98
52267	95.13	7.26	-13.00	-17.86	457.03	-187.36	-43.41	13.13	15.28
52268	96.28	7.26	-13.00	-21.60	428.40	-151.28	-42.37	8.66	17.05
52269	79.06	3.95	-14.33	-178.92	919.66	-652.18	-69.78	-48.60	-2.09
52270	80.27	3.95	-14.33	-120.87	900.90	-615.55	-61.98	-41.55	-1.59
52271	81.48	3.95	-14.33	-75.57	880.17	-578.86	-55.00	-35.13	-1.10
52272	82.69	3.95	-14.33	-41.72	857.56	-542.15	-48.72	-29.39	-0.61

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
52273	83.90	3.95	-14.33	-17.96	833.19	-505.43	-43.04	-24.37	-0.11
52274	85.12	3.95	-14.33	-2.92	807.20	-468.69	-37.87	-20.10	0.42
52275	86.33	3.96	-14.33	4.79	779.77	-431.96	-33.17	-16.58	0.98
52276	87.54	3.96	-14.33	6.52	751.06	-395.24	-28.89	-13.80	1.61
52277	88.75	3.96	-14.33	3.62	721.25	-358.52	-25.04	-11.75	2.31
52278	89.96	3.96	-14.33	-2.61	690.57	-321.82	-21.62	-10.43	3.09
52279	91.18	3.96	-14.33	-10.88	659.24	-285.13	-18.65	-9.82	3.97
52280	92.39	3.96	-14.33	-19.99	627.54	-248.45	-16.18	-9.89	4.93
52281	93.60	3.96	-14.33	-28.79	595.72	-211.80	-14.28	-10.59	5.95
52282	94.81	3.96	-14.33	-36.29	564.00	-175.23	-13.02	-11.78	7.02
52283	96.02	3.96	-14.33	-41.75	532.53	-138.82	-12.41	-13.21	8.08
52284	97.23	3.96	-14.33	-44.81	501.30	-102.65	-12.22	-14.34	8.60
52285	99.05	5.05	-14.33	-162.20	930.83	-658.51	-86.00	-45.72	-2.77
52286	80.24	5.05	-14.33	-106.28	912.41	-622.36	-77.26	-38.82	-2.17
52287	81.44	5.06	-14.33	-62.57	891.94	-586.18	-69.49	-32.52	-1.58
52288	82.63	5.06	-14.33	-29.86	869.52	-549.99	-62.56	-26.87	-0.98
52289	83.83	5.06	-14.33	-6.89	845.28	-513.78	-56.32	-21.91	-0.38
52290	85.03	5.06	-14.33	7.62	819.36	-477.57	-50.67	-17.66	0.25
52291	86.22	5.06	-14.33	14.95	791.90	-441.36	-45.54	-14.11	0.92
52292	87.42	5.07	-14.33	16.35	763.07	-405.17	-40.90	-11.26	1.65
52293	88.61	5.07	-14.33	13.09	733.04	-368.99	-36.72	-9.10	2.48
52294	89.81	5.07	-14.33	6.39	701.98	-332.81	-32.99	-7.64	3.40
52295	91.00	5.07	-14.33	-2.54	670.15	-296.65	-29.73	-6.86	4.42
52296	92.20	5.07	-14.33	-12.52	637.84	-260.49	-26.96	-6.78	5.52
52297	93.39	5.08	-14.33	-22.43	605.37	-224.35	-24.75	-7.32	6.65
52298	94.59	5.08	-14.33	-31.22	572.99	-188.25	-23.19	-8.39	7.77
52299	95.78	5.08	-14.33	-38.07	540.84	-152.28	-22.31	-9.74	8.84
52300	96.98	5.08	-14.33	-42.42	509.08	-116.47	-22.00	-10.90	9.36
52301	79.04	6.15	-14.33	-143.34	941.29	-664.96	-102.76	-45.14	-2.57
52302	80.21	6.15	-14.33	-89.96	923.30	-629.42	-93.29	-38.42	-1.89
52303	81.39	6.16	-14.33	-48.15	903.17	-593.87	-84.91	-32.28	-1.20
52304	82.56	6.16	-14.33	-16.79	881.00	-558.31	-77.45	-26.76	-0.50
52305	83.74	6.16	-14.33	5.26	856.93	-522.74	-70.77	-21.89	0.21
52306	84.91	6.16	-14.33	19.19	831.11	-487.18	-64.73	-17.67	0.96
52307	86.09	6.16	-14.33	26.14	803.67	-451.62	-59.26	-14.12	1.76
52308	87.26	6.17	-14.33	27.26	774.76	-416.08	-54.30	-11.23	2.62
52309	88.44	6.17	-14.33	23.68	744.52	-380.55	-49.84	-8.98	3.59
52310	89.61	6.17	-14.33	16.54	713.08	-345.04	-45.85	-7.38	4.68
52311	90.79	6.17	-14.33	6.95	680.69	-309.54	-42.32	-6.45	5.90
52312	91.96	6.17	-14.33	-3.97	647.70	-274.03	-39.26	-6.21	7.19
52313	93.14	6.18	-14.33	-15.09	614.57	-238.51	-36.74	-6.63	8.46
52314	94.31	6.18	-14.33	-25.34	581.63	-203.01	-34.92	-7.59	9.63
52315	95.49	6.18	-14.33	-33.75	549.03	-167.59	-33.87	-8.84	10.67
52316	96.66	6.18	-14.33	-39.76	516.97	-132.26	-33.43	-9.86	11.01
52317	79.03	7.25	-14.33	-122.61	950.42	-671.27	-118.57	-46.83	-1.51
52318	80.18	7.25	-14.33	-72.15	932.95	-636.44	-108.60	-40.30	-0.78
52319	81.33	7.25	-14.33	-32.50	913.22	-601.62	-99.81	-34.32	0.00
52320	82.48	7.25	-14.33	-2.67	891.35	-566.81	-91.99	-28.94	0.81
52321	83.63	7.25	-14.33	18.37	867.50	-532.01	-84.99	-24.17	1.66
52322	84.78	7.26	-14.33	31.67	841.79	-497.21	-78.68	-20.02	2.56
52323	85.93	7.26	-14.33	38.27	814.37	-462.43	-72.94	-16.50	3.51
52324	87.08	7.26	-14.33	39.19	785.40	-427.66	-67.70	-13.60	4.54
52325	88.23	7.26	-14.33	35.42	754.97	-392.90	-62.95	-11.30	5.68
52326	89.38	7.26	-14.33	27.94	723.17	-358.17	-58.68	-9.61	6.98
52327	90.53	7.26	-14.33	17.74	690.15	-323.48	-54.85	-8.54	8.45
52328	91.68	7.26	-14.33	5.80	656.35	-288.80	-51.41	-8.14	10.06
52329	92.83	7.26	-14.33	-6.76	622.46	-254.09	-48.49	-8.48	11.61
52330	93.98	7.26	-14.33	-18.77	589.12	-219.32	-46.33	-9.38	12.83
52331	95.13	7.26	-14.33	-29.08	556.40	-184.55	-45.21	-10.46	13.69
52332	96.28	7.26	-14.33	-37.04	524.48	-149.80	-44.88	-11.06	13.61
52333	59.67	3.96	-11.67	-1834.14	618.21	-957.70	-177.97	58.47	32.02
52334	60.88	3.96	-11.67	-1712.91	653.09	-990.60	-186.44	-80.05	15.32
52335	62.09	3.96	-11.67	-1590.83	675.11	-1010.64	-185.55	-186.97	1.13
52336	63.30	3.96	-11.67	-1465.40	689.01	-1019.70	-178.55	-264.79	-10.67
52337	64.51	3.96	-11.67	-1337.06	697.61	-1019.73	-167.79	-317.69	-20.22
52338	65.72	3.96	-11.67	-1207.43	702.65	-1012.34	-154.96	-349.87	-27.71
52339	66.94	3.96	-11.67	-1078.58	705.23	-998.92	-141.27	-365.14	-33.30
52340	68.15	3.96	-11.67	-952.61	705.98	-980.59	-127.59	-366.79	-37.21
52341	69.36	3.96	-11.67	-831.47	705.22	-958.26	-114.49	-357.67	-39.66
52342	70.57	3.96	-11.67	-716.84	703.12	-932.58	-102.30	-340.25	-40.89
52343	71.78	3.95	-11.67	-610.04	699.69	-904.08	-91.22	-316.68	-41.14
52344	73.00	3.95	-11.67	-512.04	694.90	-873.16	-81.30	-288.81	-40.67
52345	74.21	3.95	-11.67	-423.48	688.68	-840.18	-72.51	-258.22	-39.67
52346	75.42	3.95	-11.67	-344.64	680.97	-805.45	-64.78	-226.23	-38.32
52347	76.63	3.95	-11.67	-275.57	671.69	-769.25	-58.01	-193.95	-36.76
52348	77.84	3.95	-11.67	-216.07	660.81	-731.83	-52.09	-162.30	-35.09
52349	59.92	5.08	-11.67	-1757.18	624.16	-979.32	-238.54	30.97	49.58
52350	61.12	5.08	-11.67	-1635.56	651.33	-1009.19	-240.75	-101.03	27.48
52351	62.31	5.08	-11.67	-1515.49	668.99	-1026.95	-234.01	-201.58	9.40
52352	63.51	5.08	-11.67	-1393.83	680.83	-1034.29	-221.76	-273.88	-5.25
52353	64.70	5.07	-11.67	-1270.47	688.85	-1032.97	-206.34	-322.23	-16.91
52354	65.90	5.07	-11.67	-1146.61	694.24	-1024.45	-189.37	-350.83	-25.95
52355	67.09	5.07	-11.67	-1023.95	697.69	-1010.02	-172.01	-363.36	-32.65
52356	68.29	5.07	-11.67	-904.30	699.56	-990.78	-155.10	-363.04	-37.30
52357	69.48	5.07	-11.67	-789.33	700.01	-967.63	-139.18	-352.63	-40.16
52358	70.68	5.06	-11.67	-680.52	699.08	-941.26	-124.56	-334.52	-41.54
52359	71.87	5.06	-11.67	-579.07	696.74	-912.22	-111.39	-310.74	-41.76
52360	73.07	5.06	-11.67	-485.87	692.92	-880.94	-99.68	-283.04	-41.11
52361	74.27	5.06	-11.67	-401.50	687.56	-847.76	-89.38	-252.88	-39.85
52362	75.46	5.06	-11.67	-326.26	680.58	-812.98	-80.39	-221.50	-38.19
52363	76.66	5.05	-11.67	-260.20	671.95	-776.87	-72.56	-189.91	-36.29
52364	77.85	5.05	-11.67	-203.18	661.63	-739.68	-65.76	-158.96	-34.27
52365	80.24	6.18	-11.67	-1651.19	619.28	-1003.82	-298.03	-4.68	68.86
52366	61.41	6.18	-11.67	-1535.00	640.47	-1029.67	-290.85	-127.01	41.46
52367	62.59	6.18	-11.67	-1421.04	655.53	-1044.64	-276.90	-219.13	19.83
52368	63.76	6.18	-11.67	-1306.20	666.72	-1050.02	-259.03	-284.47	2.67
52369	64.94	6.17	-11.67	-1190.20	675.23	-1047.23	-239.10	-327.31	-10.86
52370	66.11	6.17	-11.67	-1074.05	681.72	-1037.49	-218.42	-351.62	-21.35
52371	67.29	6.17	-11.67	-959.27	686.58	-1021.96	-197.98	-360.91	-29.15

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
52372	68.46	6.17	-11.67	-847.40	689.95	-1001.72	-178.49	-358.27	-34.57
52373	69.64	6.17	-11.67	-739.89	691.86	-977.67	-160.39	-346.37	-37.94
52374	70.81	6.16	-11.67	-638.06	692.29	-950.57	-143.92	-327.47	-39.60
52375	71.99	6.16	-11.67	-542.99	691.18	-920.98	-129.18	-303.50	-39.94
52376	73.16	6.16	-11.67	-455.48	688.46	-889.33	-116.15	-276.04	-39.29
52377	74.34	6.16	-11.67	-376.08	684.05	-855.97	-104.74	-246.44	-37.95
52378	75.51	6.16	-11.67	-305.11	677.91	-821.18	-94.80	-215.80	-36.16
52379	76.69	6.15	-11.67	-242.63	670.00	-785.20	-86.18	-185.05	-34.08
52380	77.86	6.15	-11.67	-188.54	660.33	-748.26	-78.71	-154.97	-31.85
52381	80.62	7.26	-11.67	-1519.60	600.88	-1029.24	-348.09	-47.14	87.62
52382	61.77	7.26	-11.67	-1414.82	619.75	-1050.43	-331.34	-157.00	56.41
52383	62.92	7.26	-11.67	-1311.00	634.62	-1062.45	-310.64	-238.78	32.23
52384	64.07	7.26	-11.67	-1205.79	646.92	-1065.88	-288.01	-296.07	13.32
52385	65.22	7.26	-11.67	-1099.12	657.00	-1061.66	-264.57	-332.67	-1.66
52386	66.37	7.26	-11.67	-992.29	665.27	-1050.74	-241.08	-352.11	-13.35
52387	67.52	7.26	-11.67	-886.76	672.02	-1034.13	-218.47	-357.77	-22.10
52388	68.67	7.26	-11.67	-783.80	677.15	-1012.92	-197.28	-352.54	-28.23
52389	69.82	7.26	-11.67	-684.73	680.66	-988.05	-177.76	-339.00	-32.09
52390	70.97	7.26	-11.67	-590.76	682.56	-960.29	-160.12	-319.28	-34.09
52391	72.12	7.26	-11.67	-502.82	682.77	-930.23	-144.41	-295.14	-34.65
52392	73.27	7.25	-11.67	-421.68	681.21	-898.32	-130.56	-268.01	-34.15
52393	74.42	7.25	-11.67	-347.86	677.82	-864.89	-118.45	-239.06	-32.91
52394	75.57	7.25	-11.67	-281.67	672.55	-830.18	-107.93	-209.28	-31.18
52395	76.72	7.25	-11.67	-223.23	665.40	-794.37	-98.81	-179.48	-29.13
52396	77.87	7.25	-11.67	-172.46	656.39	-757.68	-90.91	-150.38	-26.88
52397	59.67	3.96	-13.00	-2123.84	810.89	-1100.92	-241.43	85.39	18.82
52398	60.88	3.96	-13.00	-2045.02	831.50	-1101.61	-245.27	-34.10	9.58
52399	62.09	3.96	-13.00	-1934.49	843.67	-1092.61	-240.22	-120.28	0.75
52400	63.30	3.96	-13.00	-1800.57	850.59	-1077.24	-229.14	-180.35	-6.90
52401	64.51	3.96	-13.00	-1651.23	854.21	-1057.14	-214.31	-219.88	-13.21
52402	65.72	3.96	-13.00	-1493.33	855.68	-1033.38	-197.46	-243.25	-18.21
52403	66.94	3.96	-13.00	-1332.60	855.65	-1006.76	-179.88	-253.95	-21.98
52404	68.15	3.96	-13.00	-1173.64	854.41	-977.90	-162.47	-254.80	-24.64
52405	69.36	3.96	-13.00	-1020.07	852.05	-947.25	-145.83	-248.10	-26.31
52406	70.57	3.96	-13.00	-874.64	848.52	-915.17	-130.32	-235.74	-27.14
52407	71.78	3.95	-13.00	-739.36	843.71	-881.89	-116.14	-219.29	-27.29
52408	73.00	3.95	-13.00	-615.62	837.50	-847.63	-103.33	-200.04	-26.94
52409	74.21	3.95	-13.00	-504.24	829.76	-812.52	-91.89	-179.10	-26.21
52410	75.42	3.95	-13.00	-405.57	820.37	-776.71	-81.74	-157.34	-25.23
52411	76.63	3.95	-13.00	-319.62	809.24	-740.31	-72.76	-135.51	-24.10
52412	77.84	3.95	-13.00	-246.06	796.32	-703.43	-64.83	-114.19	-22.89
52413	59.92	5.08	-13.00	-2046.87	809.69	-1111.24	-316.27	61.76	30.91
52414	61.12	5.08	-13.00	-1962.03	824.99	-1110.20	-312.80	-51.08	17.56
52415	62.31	5.08	-13.00	-1850.05	834.63	-1100.06	-300.68	-131.62	5.93
52416	63.51	5.08	-13.00	-1718.12	840.93	-1084.03	-283.14	-187.19	-3.70
52417	64.70	5.07	-13.00	-1573.15	845.19	-1063.52	-262.50	-223.25	-11.45
52418	65.90	5.07	-13.00	-1421.17	848.07	-1039.50	-240.47	-243.97	-17.53
52419	67.09	5.07	-13.00	-1267.23	849.84	-1012.69	-218.32	-252.70	-22.11
52420	68.29	5.07	-13.00	-1115.41	850.51	-983.68	-196.91	-252.14	-25.34
52421	69.48	5.07	-13.00	-968.95	850.00	-952.93	-176.78	-244.49	-27.36
52422	70.68	5.06	-13.00	-830.32	848.16	-920.79	-158.24	-231.60	-28.36
52423	71.87	5.06	-13.00	-701.36	844.84	-887.54	-141.43	-214.94	-28.54
52424	73.07	5.06	-13.00	-583.32	839.90	-853.37	-126.38	-195.76	-28.10
52425	74.27	5.06	-13.00	-476.96	833.22	-818.44	-113.02	-175.06	-27.21
52426	75.46	5.06	-13.00	-382.63	824.72	-782.87	-101.24	-153.67	-26.04
52427	76.66	5.05	-13.00	-300.32	814.32	-746.77	-90.88	-132.28	-24.68
52428	77.85	5.05	-13.00	-229.76	802.01	-710.25	-81.80	-111.41	-23.23
52429	60.24	6.18	-13.00	-1940.61	794.71	-1121.76	-386.72	30.21	45.24
52430	61.41	6.18	-13.00	-1853.94	807.12	-1118.48	-373.25	-72.91	27.55
52431	62.59	6.18	-13.00	-1744.03	816.38	-1107.08	-352.94	-146.02	13.22
52432	63.76	6.18	-13.00	-1617.04	823.81	-1090.38	-328.69	-195.97	1.80
52433	64.94	6.17	-13.00	-1478.93	830.08	-1069.51	-302.54	-227.84	-7.28
52434	66.11	6.17	-13.00	-1335.03	835.41	-1045.27	-275.96	-245.43	-14.44
52435	67.29	6.17	-13.00	-1189.80	839.78	-1018.28	-250.02	-251.82	-19.91
52436	68.46	6.17	-13.00	-1046.83	842.97	-989.13	-225.47	-249.56	-23.83
52437	69.64	6.17	-13.00	-908.99	844.74	-958.30	-202.69	-240.79	-26.34
52438	70.81	6.16	-13.00	-778.53	844.91	-926.16	-181.90	-227.26	-27.66
52439	71.99	6.16	-13.00	-657.09	843.32	-892.99	-163.16	-210.38	-28.01
52440	73.16	6.16	-13.00	-545.83	839.86	-858.98	-146.47	-191.29	-27.64
52441	74.34	6.16	-13.00	-445.43	834.42	-824.30	-131.71	-170.89	-26.76
52442	75.51	6.16	-13.00	-356.24	826.94	-789.06	-118.73	-149.96	-25.54
52443	76.69	6.15	-13.00	-278.26	817.40	-753.35	-107.36	-129.08	-24.10
52444	77.86	6.15	-13.00	-211.26	805.81	-717.27	-97.42	-108.76	-22.53
52445	80.62	7.26	-13.00	-1807.70	764.75	-1131.35	-445.49	-7.72	59.02
52446	61.77	7.26	-13.00	-1724.05	778.04	-1125.56	-422.11	-98.63	38.07
52447	62.92	7.26	-13.00	-1619.95	789.60	-1112.93	-394.22	-162.79	21.82
52448	64.07	7.26	-13.00	-1500.76	800.20	-1095.65	-364.34	-206.34	9.20
52449	65.22	7.26	-13.00	-1371.71	809.82	-1074.48	-333.91	-233.53	-0.94
52450	66.37	7.26	-13.00	-1237.72	818.54	-1050.00	-303.89	-247.56	-9.13
52451	67.52	7.26	-13.00	-1102.80	826.22	-1022.81	-275.39	-251.27	-15.50
52452	68.67	7.26	-13.00	-970.01	832.33	-993.50	-248.86	-247.06	-20.15
52453	69.82	7.26	-13.00	-841.95	836.62	-962.61	-224.46	-236.99	-23.20
52454	70.97	7.26	-13.00	-720.68	838.98	-930.51	-202.32	-222.74	-24.89
52455	72.12	7.26	-13.00	-607.68	839.26	-897.48	-182.45	-205.61	-25.52
52456	73.27	7.25	-13.00	-504.00	837.38	-863.72	-164.78	-186.62	-25.35
52457	74.42	7.25	-13.00	-410.29	833.27	-829.38	-149.19	-166.58	-24.61
52458	75.57	7.25	-13.00	-326.85	826.93	-794.56	-135.50	-146.15	-23.48
52459	76.72	7.25	-13.00	-253.74	818.36	-759.34	-123.52	-125.86	-22.11
52460	77.87	7.25	-13.00	-190.75	807.60	-723.82	-113.05	-106.15	-20.60
52461	59.67	3.96	-14.33	-2535.76	1015.70	-1202.95	-313.39	24.65	11.40
52462	60.88	3.96	-14.33	-2478.14	1018.61	-1174.98	-312.33	-25.65	8.71
52463	62.09	3.96	-14.33	-2356.55	1018.45	-1144.67	-302.55	-60.58	5.67
52464	63.30	3.96	-14.33	-2193.20	1016.79	-1112.81	-286.55	-84.12	2.95
52465	64.51	3.96	-14.33	-2004.55	1014.42	-1079.85	-266.72	-99.09	0.66
52466	65.72	3.96	-14.33	-1802.88	1011.70	-1046.08	-244.94	-107.55	-1.17
52467	66.94	3.96	-14.33	-1597.40	1008.71	-1011.68	-222.59	-111.07	-2.57
52468	68.15	3.96	-14.33	-1394.98	1005.36	-976.80	-200.66	-110.84	-3.55
52469	69.36	3.96	-14.33	-1200.66	1001.42	-941.54	-179.80	-107.81	-4.15
52470	70.57	3.96	-14.33	-1018.03	996.63	-905.98	-160.40	-102.72	-4.43

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
52471	71.78	3.95	-14.33	-849.55	990.71	-870.18	-142.68	-96.19	-4.46
52472	73.00	3.95	-14.33	-696.78	983.41	-834.18	-126.70	-88.71	-4.28
52473	74.21	3.95	-14.33	-560.53	974.48	-798.02	-112.42	-80.67	-3.96
52474	75.42	3.95	-14.33	-441.01	963.75	-761.71	-99.73	-72.41	-3.55
52475	76.63	3.95	-14.33	-338.02	951.09	-725.29	-88.51	-64.18	-3.09
52476	77.84	3.95	-14.33	-250.96	936.40	-688.77	-78.58	-56.20	-2.59
52477	59.92	5.08	-14.33	-2456.73	1011.49	-1203.79	-403.18	16.14	16.38
52478	61.12	5.08	-14.33	-2385.82	1010.48	-1175.92	-392.77	-30.87	11.74
52479	62.31	5.08	-14.33	-2259.09	1009.00	-1145.74	-373.92	-63.23	7.50
52480	63.51	5.08	-14.33	-2096.32	1007.82	-1114.15	-349.68	-84.87	3.94
52481	64.70	5.07	-14.33	-1911.98	1007.08	-1081.51	-322.52	-98.44	1.04
52482	65.90	5.07	-14.33	-1716.91	1006.64	-1048.07	-294.28	-105.88	-1.26
52483	67.09	5.07	-14.33	-1519.31	1006.20	-1014.01	-266.26	-108.64	-3.01
52484	68.29	5.07	-14.33	-1325.33	1005.38	-979.46	-239.38	-107.87	-4.26
52485	69.48	5.07	-14.33	-1139.47	1003.76	-944.55	-214.21	-104.47	-5.04
52486	70.68	5.06	-14.33	-964.99	1001.01	-909.35	-191.09	-99.18	-5.43
52487	71.87	5.06	-14.33	-804.09	996.81	-873.93	-170.15	-92.57	-5.49
52488	73.07	5.06	-14.33	-658.17	990.91	-838.32	-151.42	-85.10	-5.31
52489	74.27	5.06	-14.33	-527.94	983.11	-802.56	-134.80	-77.16	-4.95
52490	75.46	5.06	-14.33	-413.61	973.27	-766.68	-120.15	-69.03	-4.48
52491	76.66	5.05	-14.33	-314.95	961.29	-730.69	-107.26	-60.96	-3.93
52492	77.85	5.05	-14.33	-231.44	947.14	-694.63	-95.94	-53.15	-3.36
52493	60.24	6.18	-14.33	-2345.28	989.20	-1203.15	-488.18	2.09	22.80
52494	61.41	6.18	-14.33	-2264.51	987.96	-1175.34	-465.72	-40.32	16.12
52495	62.59	6.18	-14.33	-2136.20	988.22	-1145.35	-436.66	-69.40	10.77
52496	63.76	6.18	-14.33	-1977.27	989.94	-1114.11	-404.05	-88.71	6.48
52497	64.94	6.17	-14.33	-1800.11	992.70	-1081.90	-370.06	-100.62	3.05
52498	66.11	6.17	-14.33	-1614.17	995.99	-1048.90	-336.15	-106.84	0.28
52499	67.29	6.17	-14.33	-1426.75	999.28	-1015.28	-303.46	-108.69	-1.89
52500	68.46	6.17	-14.33	-1243.24	1001.90	-981.18	-272.72	-107.26	-3.48
52501	69.64	6.17	-14.33	-1067.68	1003.31	-946.72	-244.32	-103.42	-4.53
52502	70.81	6.16	-14.33	-902.99	1003.11	-911.99	-218.44	-97.86	-5.10
52503	71.99	6.16	-14.33	-751.14	1001.03	-877.06	-195.17	-91.14	-5.28
52504	73.16	6.16	-14.33	-613.36	996.84	-841.96	-174.45	-83.69	-5.16
52505	74.34	6.16	-14.33	-490.28	990.41	-806.73	-156.13	-75.85	-4.83
52506	75.51	6.16	-14.33	-382.09	981.66	-771.40	-140.03	-67.87	-4.37
52507	76.69	6.15	-14.33	-288.57	970.54	-735.98	-125.93	-59.99	-3.82
52508	77.86	6.15	-14.33	-209.24	957.06	-700.49	-113.57	-52.36	-3.21
52509	60.62	7.26	-14.33	-2202.96	946.85	-1201.40	-556.89	-16.43	29.61
52510	61.77	7.26	-14.33	-2117.45	950.16	-1173.67	-522.39	-53.50	21.61
52511	62.92	7.26	-14.33	-1991.88	955.60	-1143.95	-483.97	-78.73	15.51
52512	64.07	7.26	-14.33	-1840.24	962.75	-1113.13	-444.41	-95.47	10.85
52513	65.22	7.26	-14.33	-1672.88	970.78	-1081.39	-405.05	-105.62	7.00
52514	66.37	7.26	-14.33	-1498.34	979.32	-1048.85	-366.93	-110.46	3.68
52515	67.52	7.26	-14.33	-1323.01	987.61	-1015.67	-331.17	-111.26	0.96
52516	68.67	7.26	-14.33	-1151.54	994.54	-982.02	-298.10	-109.03	-1.11
52517	69.82	7.26	-14.33	-987.66	999.55	-948.04	-267.79	-104.63	-2.53
52518	70.97	7.26	-14.33	-834.00	1002.37	-913.83	-240.35	-98.76	-3.37
52519	72.12	7.26	-14.33	-692.27	1002.73	-879.45	-215.78	-91.91	-3.76
52520	73.27	7.25	-14.33	-563.58	1000.53	-844.94	-193.93	-84.47	-3.81
52521	74.42	7.25	-14.33	-448.49	995.70	-810.33	-174.65	-76.73	-3.61
52522	75.57	7.25	-14.33	-347.15	988.23	-775.64	-157.72	-68.92	-3.23
52523	76.72	7.25	-14.33	-259.39	978.15	-740.89	-142.89	-61.24	-2.73
52524	77.87	7.25	-14.33	-184.76	965.51	-706.09	-129.92	-53.83	-2.16
52525	55.21	3.96	-11.67	-3429.53	-957.59	-3850.85	-58.52	2629.38	514.95
52526	56.07	3.96	-11.67	-2903.95	-218.68	-1189.23	23.98	1340.90	213.68
52527	56.92	3.96	-11.67	-2458.67	164.62	-905.38	-25.31	814.01	140.95
52528	57.78	3.96	-11.67	-2182.28	410.85	-854.30	-96.30	517.48	88.27
52529	58.63	3.96	-11.67	-1981.49	548.98	-806.32	-152.03	255.18	54.69
52530	55.43	5.07	-11.67	-3369.65	-1083.66	-3584.57	-13.73	2546.69	541.27
52531	56.30	5.07	-11.67	-2869.57	-233.08	-1167.39	43.89	1319.07	238.05
52532	57.16	5.08	-11.67	-2424.09	208.65	-922.97	-60.28	799.29	183.18
52533	58.03	5.08	-11.67	-2128.71	450.95	-880.62	-159.89	491.59	125.95
52534	58.89	5.08	-11.67	-1911.11	569.38	-931.07	-218.54	223.96	80.92
52535	55.70	6.17	-11.67	-3389.54	-1094.52	-3568.62	76.81	2606.11	478.48
52536	56.58	6.18	-11.67	-2855.76	-147.52	-1193.82	35.52	1344.08	264.28
52537	57.46	6.18	-11.67	-2356.15	294.04	-954.97	-145.79	779.62	243.90
52538	58.33	6.18	-11.67	-2027.82	490.82	-914.53	-251.18	449.95	172.54
52539	59.21	6.18	-11.67	-1802.99	578.28	-860.82	-292.34	180.60	110.33
52540	56.03	7.26	-11.67	-3449.64	-947.20	-3672.78	6.24	2745.40	550.85
52541	56.92	7.26	-11.67	-2764.69	48.54	-1225.59	-129.47	1342.62	380.66
52542	57.81	7.26	-11.67	-2187.76	382.68	-993.21	-301.74	722.38	332.46
52543	58.70	7.26	-11.67	-1864.21	505.02	-953.80	-353.08	386.56	220.98
52544	59.59	7.26	-11.67	-1656.90	568.57	-922.96	-360.59	124.76	138.74
52545	55.21	3.96	-13.00	-399.55	-44.00	-2140.87	-83.04	616.88	370.70
52546	56.07	3.96	-13.00	-1729.97	173.69	-1806.59	-74.57	1254.55	133.57
52547	56.92	3.96	-13.00	-2067.96	490.25	-1133.12	-108.59	883.03	65.00
52548	57.78	3.96	-13.00	-2155.42	671.06	-1066.97	-173.94	548.64	42.38
52549	58.63	3.96	-13.00	-2168.33	766.14	-1085.03	-221.31	270.82	29.03
52550	55.43	5.07	-13.00	-430.83	-120.63	-2091.92	-133.52	653.33	470.87
52551	56.30	5.07	-13.00	-1742.38	171.69	-1783.90	-122.10	1248.21	169.07
52552	57.16	5.08	-13.00	-2057.89	517.57	-1144.01	-173.80	862.14	97.69
52553	58.03	5.08	-13.00	-2117.87	693.30	-1081.97	-255.39	518.55	70.56
52554	58.89	5.08	-13.00	-2106.26	775.00	-1097.99	-302.91	241.00	48.00
52555	55.70	6.17	-13.00	-445.10	-150.61	-2061.24	-177.25	683.96	529.77
52556	56.58	6.18	-13.00	-1739.43	211.76	-1788.76	-188.67	1242.39	218.22
52557	57.46	6.18	-13.00	-2016.85	554.38	-1161.48	-269.80	823.59	153.87
52558	58.33	6.18	-13.00	-2042.26	705.38	-1100.41	-353.58	469.42	110.60
52559	59.21	6.18	-13.00	-2009.63	768.52	-1112.55	-387.10	198.35	71.54
52560	56.03	7.26	-13.00	-438.89	-128.12	-2033.13	-257.54	695.67	609.28
52561	56.92	7.26	-13.00	-1694.22	281.07	-1780.36	-311.94	1197.74	323.30
52562	57.81	7.26	-13.00	-1913.65	578.16	-1173.80	-398.20	742.35	234.19
52563	58.70	7.26	-13.00	-1916.68	692.37	-1121.25	-455.87	396.16	154.16
52564	59.59	7.26	-13.00	-1877.90	741.25	-1127.53	-462.58	143.58	94.19
52565	55.21	3.96	-14.33	-154.82	419.70	-1556.16	-49.87	31.54	154.15
52566	56.07	3.96	-14.33	-714.80	760.29	-1546.64	-171.67	384.60	59.05
52567	56.92	3.96	-14.33	-1589.27	910.97	-1344.15	-226.72	446.04	10.96
52568	57.78	3.96	-14.33	-2187.35	978.74	-1253.31	-269.75	265.53	8.42
52569	58.63	3.96	-14.33	-2466.68	1007.09	-1229.49	-303.10	112.62	11.22

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
52570	55.43	5.07	-14.33	-179.03	366.15	-1552.02	-85.06	56.62	204.78
52571	56.30	5.07	-14.33	-769.84	753.56	-1541.31	-250.86	391.88	84.89
52572	57.16	5.08	-14.33	-1623.68	927.08	-1344.61	-322.67	434.99	23.63
52573	58.03	5.08	-14.33	-2178.16	992.99	-1255.81	-372.72	251.05	19.22
52574	58.89	5.08	-14.33	-2414.81	1011.62	-1230.66	-402.92	99.97	19.10
52575	55.70	6.17	-14.33	-208.55	309.95	-1542.58	-128.18	75.06	241.43
52576	56.58	6.18	-14.33	-820.31	742.65	-1537.40	-339.73	388.06	117.68
52577	57.46	6.18	-14.33	-1642.80	927.02	-1346.47	-434.43	412.09	48.44
52578	58.33	6.18	-14.33	-2141.18	984.58	-1257.79	-486.57	225.15	37.05
52579	59.21	6.18	-14.33	-2329.70	994.22	-1230.87	-503.97	79.35	29.80
52580	56.03	7.26	-14.33	-240.46	260.98	-1530.29	-171.08	89.90	273.44
52581	56.92	7.26	-14.33	-866.41	712.57	-1525.23	-436.15	369.09	164.72
52582	57.81	7.26	-14.33	-1635.90	892.06	-1344.69	-553.97	368.49	85.91
52583	58.70	7.26	-14.33	-2066.59	940.61	-1259.57	-596.81	185.21	58.69
52584	59.59	7.26	-14.33	-2208.47	949.39	-1230.55	-592.04	51.59	40.89
52585	96.97	8.10	-11.67	-13.83	308.91	-123.36	-40.92	18.66	30.54
52586	97.87	8.10	-11.67	-13.22	272.03	-70.85	-40.19	6.48	35.31
52587	98.78	8.10	-11.67	-9.19	234.41	-21.86	-40.29	-4.75	41.55
52588	99.68	8.10	-11.67	-2.52	195.45	21.29	-41.50	-12.69	49.72
52589	100.59	8.10	-11.67	7.93	155.63	55.35	-43.08	-17.79	60.03
52590	96.69	8.70	-11.67	-11.64	311.11	-135.69	-46.15	21.49	34.84
52591	97.61	8.70	-11.67	-11.47	273.63	-81.64	-45.15	8.75	39.11
52592	98.52	8.70	-11.67	-7.55	235.27	-31.21	-44.87	-3.61	44.90
52593	99.44	8.70	-11.67	-0.80	196.31	13.41	-45.44	-13.10	53.14
52594	100.36	8.70	-11.67	9.38	154.72	48.25	-46.64	-20.51	61.98
52595	96.97	8.10	-13.00	-20.31	397.36	-122.46	-51.47	5.18	22.36
52596	97.87	8.10	-13.00	-17.45	354.68	-70.79	-51.84	-2.82	25.19
52597	98.78	8.10	-13.00	-9.73	311.32	-20.71	-53.17	-10.92	29.18
52598	99.68	8.10	-13.00	0.54	265.99	26.43	-56.47	-16.83	35.23
52599	100.59	8.10	-13.00	11.72	219.45	60.27	-61.07	-15.94	45.53
52600	96.69	8.70	-13.00	-18.23	399.69	-134.07	-58.04	7.18	25.58
52601	97.61	8.70	-13.00	-15.88	355.92	-81.42	-58.04	-1.03	28.10
52602	98.52	8.70	-13.00	-8.26	311.28	-30.47	-58.85	-9.83	31.83
52603	99.44	8.70	-13.00	2.39	265.64	17.68	-61.53	-16.91	38.11
52604	100.36	8.70	-13.00	13.89	216.31	52.64	-64.76	-18.34	46.67
52605	96.97	8.10	-14.33	-34.86	494.42	-121.44	-58.02	-13.19	14.56
52606	97.87	8.10	-14.33	-27.10	445.83	-71.10	-60.27	-15.12	14.57
52607	98.78	8.10	-14.33	-13.58	397.17	-21.37	-62.65	-18.66	15.96
52608	99.68	8.10	-14.33	6.53	347.49	28.42	-66.91	-22.44	16.72
52609	100.59	8.10	-14.33	31.41	293.29	69.45	-77.49	-22.80	27.01
52610	96.69	8.70	-14.33	-32.93	501.24	-132.61	-71.27	-12.11	15.16
52611	97.61	8.70	-14.33	-25.78	451.04	-81.60	-72.92	-13.73	14.89
52612	98.52	8.70	-14.33	-12.54	401.18	-31.17	-74.95	-17.27	15.96
52613	99.44	8.70	-14.33	7.88	350.48	19.29	-78.67	-21.28	17.21
52614	100.36	8.70	-14.33	33.79	296.63	61.61	-90.46	-22.74	24.62
52615	95.95	8.10	-11.67	-11.61	339.52	-169.32	-42.31	27.89	27.24
52616	96.86	8.10	-11.67	-8.82	341.92	-182.44	-47.80	30.68	32.05
52617	97.78	8.10	-11.67	-8.01	364.37	-207.33	-43.81	34.25	24.52
52618	98.70	8.10	-11.67	-4.76	366.62	-220.33	-49.30	37.01	29.71
52619	99.62	8.10	-11.67	-3.49	388.88	-245.24	-45.77	38.85	21.35
52620	100.54	8.10	-11.67	0.12	390.68	-257.97	-51.37	41.34	26.74
52621	92.56	8.10	-11.67	1.33	413.18	-282.77	-48.05	41.19	17.61
52622	93.44	8.10	-11.67	5.10	414.67	-295.06	-53.68	43.54	23.10
52623	94.33	8.10	-11.67	8.88	437.20	-319.96	-50.45	40.86	13.49
52624	95.23	8.10	-11.67	12.67	438.26	-331.76	-55.99	42.60	18.89
52625	96.14	8.10	-11.67	16.47	460.77	-356.98	-52.99	37.88	9.45
52626	97.06	8.10	-11.67	20.28	461.36	-368.34	-58.56	39.14	15.00
52627	97.99	8.10	-11.67	24.10	483.78	-394.00	-55.61	32.46	5.70
52628	98.93	8.10	-11.67	27.93	483.99	-404.95	-61.17	33.45	11.28
52629	99.88	8.10	-11.67	31.78	505.96	-431.09	-58.42	24.67	2.27
52630	100.84	8.10	-11.67	35.64	505.69	-441.65	-64.01	25.33	7.81
52631	86.92	8.10	-11.67	10.74	527.21	-468.26	-61.47	14.56	-0.82
52632	87.84	8.10	-11.67	14.92	526.50	-478.38	-67.10	15.07	4.74
52633	88.77	8.10	-11.67	19.11	547.46	-505.48	-64.76	2.16	-3.65
52634	89.71	8.10	-11.67	23.31	546.32	-515.11	-70.42	2.63	1.87
52635	90.66	8.10	-11.67	27.52	566.59	-542.74	-68.32	-12.56	-6.29
52636	91.62	8.10	-11.67	31.74	565.02	-551.84	-74.01	-12.04	-0.83
52637	92.59	8.10	-11.67	36.00	584.48	-580.04	-72.19	-29.62	-8.82
52638	93.57	8.10	-11.67	40.28	582.47	-588.60	-77.92	-28.94	-3.41
52639	94.56	8.10	-11.67	44.60	601.00	-617.33	-76.45	-48.97	-11.27
52640	95.56	8.10	-11.67	48.94	598.55	-625.35	-82.22	-48.03	-5.89
52641	96.57	8.10	-11.67	53.29	616.04	-654.57	-81.19	-70.53	-13.66
52642	97.59	8.10	-11.67	57.65	613.16	-662.07	-87.02	-69.23	-8.29
52643	98.62	8.10	-11.67	62.02	629.52	-691.73	-86.56	-94.14	-16.02
52644	99.66	8.10	-11.67	66.40	626.19	-698.72	-92.44	-92.37	-10.64
52645	100.71	8.10	-11.67	70.79	641.38	-728.80	-92.68	-119.58	-18.30
52646	101.77	8.10	-11.67	75.19	637.58	-735.30	-98.63	-117.30	-12.83
52647	95.95	8.10	-13.00	-18.14	432.86	-166.62	-52.14	11.14	20.82
52648	96.86	8.10	-13.00	-15.26	435.72	-178.58	-58.96	12.90	24.45
52649	97.78	8.10	-13.00	-12.39	461.58	-202.40	-53.33	15.37	19.52
52650	98.70	8.10	-13.00	-9.53	464.53	-214.05	-60.24	17.08	23.53
52651	99.62	8.10	-13.00	-6.68	490.10	-237.80	-55.29	18.50	17.48
52652	100.54	8.10	-13.00	-3.83	492.86	-248.94	-62.54	20.08	21.61
52653	92.56	8.10	-13.00	1.50	518.91	-272.85	-57.87	20.49	14.43
52654	93.44	8.10	-13.00	6.28	521.57	-283.20	-65.28	22.14	18.48
52655	94.33	8.10	-13.00	11.07	547.88	-307.57	-60.70	20.68	10.71
52656	95.23	8.10	-13.00	15.87	550.21	-317.10	-68.02	21.87	14.51
52657	96.14	8.10	-13.00	20.68	576.48	-342.26	-63.72	18.98	7.05
52658	97.06	8.10	-13.00	25.49	578.38	-351.17	-71.06	19.90	10.96
52659	97.99	8.10	-13.00	30.30	604.32	-377.08	-66.91	15.63	3.77
52660	98.93	8.10	-13.00	35.11	605.85	-385.52	-74.18	16.47	7.77
52661	99.88	8.10	-13.00	39.92	631.03	-412.05	-70.41	10.65	0.86
52662	100.84	8.10	-13.00	44.73	632.05	-420.09	-77.65	11.35	4.92
52663	86.92	8.10	-13.00	24.87	656.56	-447.10	-74.30	4.11	-1.72
52664	87.84	8.10	-13.00	30.39	657.11	-454.74	-81.53	4.77	2.45
52665	88.77	8.10	-13.00	35.91	680.86	-482.19	-78.57	-3.99	-4.07
52666	89.71	8.10	-13.00	41.43	680.95	-489.39	-85.77	-3.30	0.14
52667	90.66	8.10	-13.00	46.95	703.80	-517.31	-83.25	-13.67	-6.27
52668	91.62	8.10	-13.00	52.47	703.42	-524.05	-90.41	-12.93	-2.03

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
52669	83.53	8.10	-13.00	-1.30	725.26	-552.46	-88.39	-24.94	-8.35
52670	83.45	8.70	-13.00	4.65	724.39	-558.73	-95.53	-24.09	-4.09
52671	82.40	8.10	-13.00	-21.07	745.08	-587.63	-94.10	-37.79	-10.33
52672	82.34	8.70	-13.00	-14.58	743.71	-593.42	-101.22	-36.77	-6.05
52673	81.27	8.10	-13.00	-47.58	763.15	-622.82	-100.48	-52.16	-12.24
52674	81.23	8.70	-13.00	-40.26	761.26	-628.14	-107.61	-50.91	-7.92
52675	80.14	8.10	-13.00	-81.52	779.35	-658.02	-107.68	-67.99	-14.08
52676	80.12	8.70	-13.00	-73.04	776.93	-662.88	-114.83	-66.45	-9.70
52677	79.01	8.10	-13.00	-123.49	793.57	-693.22	-115.86	-85.17	-15.79
52678	79.01	8.70	-13.00	-113.46	790.60	-697.63	-123.01	-83.33	-11.35
52679	95.95	8.10	-14.33	-34.36	534.08	-164.12	-57.05	-13.72	16.06
52680	95.68	8.70	-14.33	-31.87	542.03	-175.37	-71.08	-13.44	17.20
52681	94.82	8.10	-14.33	-24.52	565.81	-198.29	-57.15	-13.77	16.77
52682	94.56	8.70	-14.33	-21.16	573.57	-209.07	-70.95	-14.11	18.57
52683	93.69	8.10	-14.33	-12.46	598.25	-232.46	-58.25	-12.88	16.21
52684	93.45	8.70	-14.33	-7.62	605.15	-242.74	-71.79	-13.77	18.40
52685	92.56	8.10	-14.33	1.32	631.89	-266.49	-60.84	-11.93	14.87
52686	92.34	8.70	-14.33	8.37	638.98	-275.95	-74.90	-12.60	16.83
52687	91.43	8.10	-14.33	15.31	666.74	-300.34	-64.25	-11.64	12.84
52688	91.23	8.70	-14.33	23.66	674.75	-308.95	-78.98	-12.17	14.09
52689	90.30	8.10	-14.33	28.12	701.43	-334.19	-68.18	-12.10	10.84
52690	90.12	8.70	-14.33	37.01	709.99	-342.10	-83.65	-12.27	11.81
52691	89.18	8.10	-14.33	38.70	735.10	-368.13	-72.41	-13.14	9.12
52692	89.01	8.70	-14.33	47.62	744.16	-375.41	-88.38	-12.81	9.82
52693	88.05	8.10	-14.33	46.30	767.29	-402.13	-77.00	-14.79	7.61
52694	87.90	8.70	-14.33	54.99	776.52	-408.86	-93.37	-14.15	8.06
52695	86.92	8.10	-14.33	50.07	797.95	-436.17	-82.02	-17.05	6.29
52696	86.79	8.70	-14.33	58.54	807.31	-442.36	-98.64	-16.09	6.58
52697	85.79	8.10	-14.33	49.21	827.09	-470.24	-87.45	-19.89	5.08
52698	85.67	8.70	-14.33	57.60	836.52	-475.88	-104.24	-18.68	5.18
52699	84.66	8.10	-14.33	42.84	854.58	-504.31	-93.36	-23.34	3.95
52700	84.56	8.70	-14.33	51.33	864.00	-509.40	-110.26	-21.91	3.87
52701	83.53	8.10	-14.33	30.04	880.27	-538.40	-99.83	-27.40	2.88
52702	83.45	8.70	-14.33	38.85	889.62	-542.94	-116.82	-25.78	2.64
52703	82.40	8.10	-14.33	9.85	904.04	-572.50	-106.98	-32.06	1.88
52704	82.34	8.70	-14.33	19.24	913.25	-576.50	-124.05	-30.27	1.50
52705	81.27	8.10	-14.33	-18.70	925.72	-606.62	-114.96	-37.32	0.93
52706	81.23	8.70	-14.33	-8.39	934.75	-610.09	-132.10	-35.36	0.43
52707	80.14	8.10	-14.33	-56.54	945.18	-640.77	-123.92	-43.16	0.05
52708	80.12	8.70	-14.33	-44.92	953.95	-643.70	-141.10	-41.04	-0.56
52709	79.01	8.10	-14.33	-104.56	962.24	-674.93	-134.05	-49.57	-0.74
52710	79.01	8.70	-14.33	-91.20	970.67	-677.35	-151.18	-47.33	-1.44
52711	60.95	8.10	-11.67	-1403.93	578.07	-1048.73	-376.76	-84.07	101.39
52712	62.08	8.10	-11.67	-1311.14	597.35	-1066.29	-353.91	-182.58	68.28
52713	63.21	8.10	-11.67	-1217.39	613.78	-1076.06	-329.16	-255.16	43.28
52714	64.34	8.10	-11.67	-1120.95	628.17	-1078.00	-304.21	-305.84	23.80
52715	65.47	8.10	-11.67	-1022.42	639.94	-1072.75	-278.97	-337.11	7.94
52716	66.60	8.10	-11.67	-923.78	649.99	-1060.98	-253.96	-352.37	-4.39
52717	67.72	8.10	-11.67	-826.17	658.56	-1043.59	-230.47	-355.02	-13.63
52718	68.85	8.10	-11.67	-730.74	665.13	-1021.71	-208.58	-347.60	-20.18
52719	69.98	8.10	-11.67	-638.81	669.98	-996.30	-188.49	-332.71	-24.29
52720	71.11	8.10	-11.67	-551.39	673.11	-968.13	-170.42	-312.36	-26.49
52721	72.24	8.10	-11.67	-469.40	674.39	-937.81	-154.35	-288.13	-27.24
52722	73.37	8.10	-11.67	-393.58	673.78	-905.79	-140.18	-261.30	-26.91
52723	74.50	8.10	-11.67	-324.43	671.24	-872.40	-127.81	-232.93	-25.82
52724	75.63	8.10	-11.67	-262.26	666.72	-837.85	-117.08	-203.89	-24.27
52725	76.76	8.10	-11.67	-207.21	660.17	-802.26	-107.79	-174.90	-22.45
52726	77.89	8.10	-11.67	-159.27	651.65	-765.76	-99.73	-146.62	-20.46
52727	61.22	8.70	-11.67	-1314.88	558.14	-1061.69	-389.76	-112.10	110.01
52728	62.34	8.70	-11.67	-1232.85	578.83	-1076.98	-363.54	-200.99	76.20
52729	63.45	8.70	-11.67	-1147.20	597.44	-1085.25	-337.50	-266.38	51.94
52730	64.56	8.70	-11.67	-1056.63	613.74	-1086.08	-312.06	-313.16	32.45
52731	65.67	8.70	-11.67	-964.84	626.50	-1080.28	-285.71	-339.60	15.62
52732	66.78	8.70	-11.67	-872.38	638.24	-1067.89	-260.27	-351.99	3.49
52733	67.89	8.70	-11.67	-780.68	648.19	-1049.92	-236.73	-352.46	-6.10
52734	69.00	8.70	-11.67	-691.05	655.68	-1027.59	-214.63	-343.31	-12.81
52735	70.11	8.70	-11.67	-604.42	661.58	-1001.76	-194.54	-327.53	-16.91
52736	71.23	8.70	-11.67	-521.86	665.55	-973.25	-176.47	-306.79	-19.20
52737	72.34	8.70	-11.67	-444.31	667.56	-942.67	-160.38	-282.55	-20.03
52738	73.45	8.70	-11.67	-372.45	667.60	-910.52	-146.19	-255.99	-19.79
52739	74.56	8.70	-11.67	-306.80	665.66	-877.15	-133.80	-228.10	-18.80
52740	75.67	8.70	-11.67	-247.66	661.71	-842.80	-123.06	-199.67	-17.41
52741	76.78	8.70	-11.67	-195.22	655.68	-807.61	-113.81	-171.39	-15.91
52742	77.89	8.70	-11.67	-149.45	647.50	-771.69	-105.77	-143.84	-14.51
52743	60.95	8.10	-13.00	-1689.79	731.72	-1137.49	-479.81	-40.18	68.80
52744	62.08	8.10	-13.00	-1611.24	747.68	-1129.75	-449.99	-120.28	46.17
52745	63.21	8.10	-13.00	-1513.92	762.69	-1116.32	-417.52	-176.58	29.44
52746	64.34	8.10	-13.00	-1402.26	777.00	-1098.68	-384.80	-215.02	16.60
52747	65.47	8.10	-13.00	-1281.33	789.72	-1077.31	-352.13	-238.24	5.75
52748	66.60	8.10	-13.00	-1156.20	801.49	-1052.64	-320.32	-249.12	-3.07
52749	67.72	8.10	-13.00	-1030.18	812.09	-1025.22	-290.87	-250.54	-10.01
52750	68.85	8.10	-13.00	-906.00	820.46	-995.79	-263.64	-244.56	-15.17
52751	69.98	8.10	-13.00	-786.22	826.72	-964.88	-238.65	-233.35	-18.53
52752	71.11	8.10	-13.00	-672.66	830.80	-932.85	-216.08	-218.51	-20.47
52753	72.24	8.10	-13.00	-566.72	832.53	-899.98	-195.85	-201.18	-21.33
52754	73.37	8.10	-13.00	-469.39	831.89	-866.46	-177.87	-182.27	-21.36
52755	74.50	8.10	-13.00	-381.27	828.87	-832.44	-161.99	-162.52	-20.79
52756	75.63	8.10	-13.00	-302.66	823.47	-798.03	-148.06	-142.51	-19.82
52757	76.76	8.10	-13.00	-233.63	815.74	-763.30	-135.87	-122.73	-18.62
52758	77.89	8.10	-13.00	-174.02	805.74	-728.34	-125.20	-103.54	-17.29
52759	61.22	8.70	-13.00	-1597.75	703.44	-1140.47	-495.12	-64.42	75.15
52760	62.34	8.70	-13.00	-1525.38	722.48	-1131.72	-461.61	-135.56	51.84
52761	63.45	8.70	-13.00	-1434.01	741.28	-1117.90	-427.70	-185.75	36.02
52762	64.56	8.70	-13.00	-1327.28	758.79	-1100.02	-394.33	-221.53	23.37
52763	65.67	8.70	-13.00	-1213.35	773.41	-1078.80	-360.27	-240.95	11.64
52764	66.78	8.70	-13.00	-1095.04	787.74	-1054.00	-327.89	-249.70	3.03
52765	67.89	8.70	-13.00	-975.69	800.38	-1026.47	-298.42	-249.43	-4.31
52766	69.00	8.70	-13.00	-858.23	810.01	-997.15	-270.94	-241.99	-9.64
52767	70.11	8.70	-13.00	-744.70	817.65	-966.39	-245.96	-230.05	-13.00

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
52768	71.23	8.70	-13.00	-636.94	822.80	-934.60	-223.39	-214.85	-15.07
52769	72.34	8.70	-13.00	-536.33	825.45	-901.99	-203.15	-197.44	-16.08
52770	73.45	8.70	-13.00	-443.79	825.61	-868.77	-185.15	-178.65	-16.27
52771	74.56	8.70	-13.00	-359.90	823.30	-835.09	-169.26	-159.16	-15.86
52772	75.67	8.70	-13.00	-284.96	818.57	-801.06	-155.30	-139.51	-15.02
52773	76.78	8.70	-13.00	-219.00	811.47	-766.76	-143.09	-120.14	-13.93
52774	77.89	8.70	-13.00	-161.90	802.14	-732.27	-132.36	-101.41	-12.73
52775	60.95	8.10	-14.33	-2073.69	904.42	-1197.98	-598.15	-34.08	33.95
52776	62.08	8.10	-14.33	-1987.90	914.50	-1170.42	-555.66	-66.69	25.16
52777	63.21	8.10	-14.33	-1867.18	926.60	-1140.99	-511.55	-88.52	19.13
52778	64.34	8.10	-14.33	-1723.09	939.84	-1110.57	-468.39	-103.45	14.77
52779	65.47	8.10	-14.33	-1564.75	953.26	-1079.20	-426.17	-112.09	10.53
52780	66.60	8.10	-14.33	-1400.48	967.35	-1046.99	-386.03	-115.59	6.70
52781	67.72	8.10	-14.33	-1235.51	980.73	-1014.10	-349.45	-115.40	3.49
52782	68.85	8.10	-14.33	-1074.14	991.62	-980.79	-315.79	-112.31	0.93
52783	69.98	8.10	-14.33	-920.11	999.94	-947.22	-285.03	-107.32	-0.81
52784	71.11	8.10	-14.33	-775.65	1005.46	-913.47	-257.30	-101.12	-1.89
52785	72.24	8.10	-14.33	-642.35	1007.99	-879.58	-232.47	-94.12	-2.49
52786	73.37	8.10	-14.33	-521.23	1007.53	-845.59	-210.39	-86.64	-2.71
52787	74.50	8.10	-14.33	-412.80	1004.11	-811.53	-190.88	-78.95	-2.64
52788	75.63	8.10	-14.33	-317.20	997.78	-777.43	-173.74	-71.25	-2.35
52789	76.76	8.10	-14.33	-234.25	988.64	-743.28	-158.72	-63.73	-1.92
52790	77.89	8.10	-14.33	-163.55	976.77	-709.11	-145.57	-56.48	-1.39
52791	61.22	8.70	-14.33	-1970.58	870.63	-1193.09	-621.48	-44.95	36.83
52792	62.34	8.70	-14.33	-1887.30	886.94	-1166.07	-574.72	-73.70	27.27
52793	63.45	8.70	-14.33	-1772.08	904.27	-1137.33	-528.47	-93.10	22.23
52794	64.56	8.70	-14.33	-1633.65	922.04	-1107.34	-484.05	-108.01	18.19
52795	65.67	8.70	-14.33	-1483.55	939.55	-1076.47	-440.34	-114.46	12.75
52796	66.78	8.70	-14.33	-1327.31	958.40	-1044.52	-400.25	-116.78	8.68
52797	67.89	8.70	-14.33	-1169.93	975.66	-1011.84	-364.33	-115.53	4.68
52798	69.00	8.70	-14.33	-1016.36	989.19	-978.90	-330.91	-111.31	1.59
52799	70.11	8.70	-14.33	-869.70	999.95	-945.72	-300.64	-105.72	-0.37
52800	71.23	8.70	-14.33	-732.11	1007.33	-912.41	-273.29	-99.13	-1.72
52801	72.34	8.70	-14.33	-605.13	1011.40	-878.98	-248.76	-91.87	-2.55
52802	73.45	8.70	-14.33	-489.68	1012.20	-845.47	-226.93	-84.25	-2.96
52803	74.56	8.70	-14.33	-386.24	1009.82	-811.89	-207.61	-76.50	-3.03
52804	75.67	8.70	-14.33	-294.92	1004.36	-778.29	-190.61	-68.82	-2.86
52805	76.78	8.70	-14.33	-215.58	995.93	-744.65	-175.70	-61.35	-2.49
52806	77.89	8.70	-14.33	-147.82	984.69	-711.00	-162.61	-54.23	-2.06
52807	56.31	8.10	-11.67	-3403.55	-756.68	-3648.24	-305.99	2754.19	790.83
52808	57.22	8.10	-11.67	-2504.01	233.80	-1210.78	-409.63	1239.22	560.67
52809	58.12	8.10	-11.67	-1978.43	401.78	-1029.79	-428.68	648.77	398.75
52810	59.03	8.10	-11.67	-1699.63	494.51	-984.53	-422.61	323.46	254.67
52811	59.93	8.10	-11.67	-1523.76	547.55	-1018.71	-402.28	74.90	157.62
52812	56.54	8.70	-11.67	-2755.20	-608.91	-3174.04	-907.83	2277.20	1149.94
52813	57.46	8.70	-11.67	-2181.12	246.01	-1226.93	-540.00	1103.77	655.38
52814	58.38	8.70	-11.67	-1780.91	382.07	-1047.27	-499.86	576.22	435.70
52815	59.29	8.70	-11.67	-1563.84	473.31	-1006.60	-457.59	271.11	271.52
52816	60.21	8.70	-11.67	-1419.73	525.49	-1036.16	-421.96	36.29	168.07
52817	56.31	8.10	-13.00	-407.09	-100.15	-1960.91	-337.14	662.45	692.77
52818	57.22	8.10	-13.00	-1603.98	318.34	-1730.09	-440.49	1102.79	446.71
52819	58.12	8.10	-13.00	-1779.98	569.55	-1177.90	-503.60	645.41	299.25
52820	59.03	8.10	-13.00	-1789.35	659.62	-1138.83	-524.21	326.73	183.05
52821	59.93	8.10	-13.00	-1756.53	706.26	-1138.29	-508.92	95.63	108.94
52822	56.54	8.70	-13.00	-434.31	-99.13	-1883.20	-321.02	641.69	724.96
52823	57.46	8.70	-13.00	-1463.69	316.94	-1635.94	-535.73	963.10	535.00
52824	58.38	8.70	-13.00	-1652.38	535.17	-1186.25	-557.86	560.20	330.92
52825	59.29	8.70	-13.00	-1682.21	623.95	-1150.16	-559.18	271.15	197.80
52826	60.21	8.70	-13.00	-1660.06	673.86	-1144.90	-530.86	59.41	116.96
52827	56.31	8.10	-14.33	-270.27	227.06	-1518.50	-196.98	104.91	290.13
52828	57.22	8.10	-14.33	-893.23	674.82	-1499.85	-514.82	340.37	205.91
52829	58.12	8.10	-14.33	-1606.15	836.96	-1337.89	-644.46	318.05	116.13
52830	59.03	8.10	-14.33	-1982.21	883.92	-1259.89	-671.94	146.22	72.75
52831	59.93	8.10	-14.33	-2092.32	899.55	-1228.66	-647.38	26.60	47.07
52832	56.54	8.70	-14.33	-280.54	206.12	-1505.90	-233.77	118.84	301.37
52833	57.46	8.70	-14.33	-904.54	619.10	-1472.02	-566.28	312.66	226.45
52834	58.38	8.70	-14.33	-1563.78	772.59	-1327.24	-699.18	272.62	131.89
52835	59.29	8.70	-14.33	-1904.46	828.68	-1258.61	-714.62	117.82	79.12
52836	60.21	8.70	-14.33	-1996.45	856.47	-1224.54	-678.24	10.34	50.60
52837	79.15	20.20	-11.67	56.88	269.69	-772.35	-116.79	-104.59	283.05
52838	80.55	20.10	-11.67	71.05	272.78	-727.69	-120.46	-78.70	274.37
52839	81.94	19.90	-11.67	80.02	277.06	-682.31	-123.95	-54.54	262.75
52840	83.31	19.62	-11.67	84.34	282.23	-636.44	-126.80	-32.53	248.54
52841	84.65	19.23	-11.67	84.59	288.01	-590.41	-128.55	-13.03	232.24
52842	85.97	18.76	-11.67	81.41	294.10	-544.55	-128.90	3.72	214.35
52843	87.25	18.19	-11.67	75.46	300.20	-499.17	-127.66	17.57	195.38
52844	88.49	17.54	-11.67	67.41	305.99	-454.53	-124.71	28.49	175.81
52845	89.68	16.80	-11.67	57.91	311.14	-410.93	-120.06	36.53	156.09
52846	90.82	15.98	-11.67	47.58	315.44	-368.67	-113.76	41.81	136.52
52847	91.89	15.08	-11.67	36.97	318.32	-328.15	-106.00	44.40	117.55
52848	92.91	14.11	-11.67	26.45	319.92	-289.72	-97.13	44.62	99.53
52849	93.85	13.08	-11.67	16.47	320.45	-253.50	-87.33	42.76	82.62
52850	94.72	11.98	-11.67	7.27	319.38	-219.38	-76.78	38.85	67.05
52851	95.51	10.82	-11.67	-0.73	317.18	-187.01	-65.78	33.38	53.72
52852	96.21	9.62	-11.67	-7.43	313.78	-156.65	-54.53	27.27	41.98
52853	79.19	21.03	-11.67	75.48	184.22	-725.65	-102.73	-114.19	271.39
52854	80.67	20.93	-11.67	88.01	190.00	-679.62	-109.44	-91.04	264.24
52855	82.14	20.72	-11.67	95.11	197.57	-632.75	-116.00	-68.93	253.98
52856	83.59	20.41	-11.67	97.37	206.22	-585.48	-121.59	-48.39	241.18
52857	85.02	19.99	-11.67	95.45	215.65	-538.26	-125.62	-29.92	226.33
52858	86.41	19.48	-11.67	90.05	225.55	-491.41	-127.74	-13.87	209.86
52859	87.77	18.87	-11.67	81.93	235.49	-445.20	-127.75	-0.41	192.21
52860	89.07	18.17	-11.67	71.89	245.05	-399.92	-125.60	10.38	173.84
52861	90.33	17.37	-11.67	60.67	253.82	-355.88	-121.32	18.51	155.17
52862	91.52	16.49	-11.67	48.94	261.38	-313.38	-115.10	24.05	136.59
52863	92.65	15.53	-11.67	37.26	267.47	-272.72	-107.28	27.10	118.45
52864	93.71	14.48	-11.67	26.01	272.09	-234.15	-98.16	27.84	101.11
52865	94.69	13.37	-11.67	15.55	275.18	-197.74	-88.01	26.48	84.93
52866	95.59	12.19	-11.67	6.26	276.79	-163.43	-77.10	23.36	70.39

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
52867	96.40	10.95	-11.67	-1.53	276.86	-131.23	-65.60	18.97	57.54
52868	97.13	9.66	-11.67	-7.70	275.39	-101.39	-53.68	13.83	46.17
52869	79.23	21.87	-11.67	94.34	105.34	-678.73	-82.10	-128.77	229.25
52870	80.80	21.76	-11.67	105.16	114.31	-630.77	-91.49	-111.16	224.49
52871	82.35	21.54	-11.67	110.67	124.39	-582.11	-101.23	-92.86	217.58
52872	83.88	21.20	-11.67	111.60	135.36	-533.62	-109.76	-75.09	208.96
52873	85.39	20.76	-11.67	108.28	147.27	-485.65	-116.29	-58.68	198.65
52874	86.86	20.20	-11.67	101.37	159.85	-438.26	-120.53	-43.92	186.74
52875	88.28	19.55	-11.67	91.76	172.62	-391.67	-122.32	-31.00	173.53
52876	89.65	18.79	-11.67	80.31	185.07	-346.18	-121.61	-20.06	159.37
52877	90.97	17.94	-11.67	67.84	196.71	-302.05	-118.47	-11.17	144.61
52878	92.22	17.00	-11.67	55.05	207.12	-259.58	-113.16	-4.35	129.60
52879	93.40	15.97	-11.67	42.48	216.06	-219.02	-105.99	0.44	114.66
52880	94.51	14.85	-11.67	30.55	223.42	-180.56	-97.32	3.30	100.15
52881	95.53	13.67	-11.67	19.64	229.17	-144.31	-87.44	4.41	86.43
52882	96.46	12.41	-11.67	10.16	233.24	-110.37	-76.65	4.03	73.77
52883	97.30	11.08	-11.67	2.40	235.52	-78.78	-65.22	2.35	62.25
52884	98.05	9.70	-11.67	-3.73	235.93	-49.76	-53.27	-0.25	51.59
52885	79.28	22.71	-11.67	114.37	42.37	-650.70	-54.09	-151.49	162.67
52886	80.92	22.59	-11.67	122.16	51.95	-594.88	-65.42	-141.67	160.22
52887	82.56	22.35	-11.67	127.03	62.66	-541.68	-78.53	-127.44	158.61
52888	84.17	21.99	-11.67	127.89	73.77	-491.34	-89.82	-113.24	157.20
52889	85.75	21.52	-11.67	124.12	86.22	-442.20	-98.90	-99.58	154.46
52890	87.30	20.93	-11.67	116.56	99.65	-393.84	-105.64	-86.33	150.11
52891	88.80	20.23	-11.67	106.21	113.61	-346.46	-109.84	-73.71	144.24
52892	90.24	19.42	-11.67	93.98	127.52	-300.32	-111.39	-61.96	137.06
52893	91.62	18.52	-11.67	80.68	140.88	-255.68	-110.35	-51.28	128.76
52894	92.93	17.51	-11.67	67.03	153.26	-212.81	-106.92	-41.83	119.59
52895	94.16	16.41	-11.67	53.60	164.38	-171.93	-101.38	-33.70	109.78
52896	95.31	15.22	-11.67	40.85	174.03	-133.26	-94.04	-26.92	99.62
52897	96.37	13.96	-11.67	29.19	182.10	-96.97	-85.23	-21.45	89.37
52898	97.34	12.62	-11.67	19.04	188.46	-63.22	-75.34	-17.25	79.23
52899	98.20	11.21	-11.67	10.68	192.98	-32.08	-64.68	-14.41	69.32
52900	98.96	9.75	-11.67	3.69	195.44	-3.90	-53.24	-12.61	59.37
52901	79.32	23.55	-11.67	132.92	8.33	-668.52	-21.67	-182.90	68.87
52902	81.05	23.42	-11.67	138.42	13.00	-598.44	-33.62	-183.73	75.76
52903	82.77	23.17	-11.67	143.52	20.34	-535.60	-47.56	-174.08	83.44
52904	84.46	22.78	-11.67	145.72	28.80	-480.99	-60.43	-163.99	92.04
52905	86.12	22.28	-11.67	142.50	38.94	-428.42	-71.64	-153.51	99.47
52906	87.74	21.65	-11.67	135.40	50.58	-376.76	-81.00	-141.65	105.22
52907	89.31	20.91	-11.67	125.30	63.23	-326.31	-88.10	-128.82	109.15
52908	90.82	20.05	-11.67	113.07	76.39	-277.25	-92.72	-115.37	111.20
52909	92.26	19.09	-11.67	99.50	89.57	-229.85	-94.78	-101.70	111.37
52910	93.63	18.02	-11.67	85.31	102.34	-184.39	-94.36	-88.15	109.73
52911	94.92	16.85	-11.67	71.09	114.34	-141.12	-91.63	-75.04	106.40
52912	96.11	15.59	-11.67	57.35	125.27	-100.29	-86.79	-62.61	101.54
52913	97.21	14.25	-11.67	44.51	134.87	-62.15	-80.12	-51.04	95.27
52914	98.21	12.83	-11.67	33.03	143.01	-26.98	-72.03	-40.49	87.74
52915	99.10	11.34	-11.67	23.19	149.71	4.84	-62.98	-31.20	79.15
52916	99.88	9.79	-11.67	14.90	154.89	32.55	-53.24	-23.83	69.94
52917	79.15	20.20	-13.00	53.96	331.69	-748.14	-151.33	-73.58	195.82
52918	80.55	20.10	-13.00	74.75	336.75	-704.13	-156.50	-55.43	189.92
52919	81.94	19.90	-13.00	88.57	343.28	-659.63	-161.30	-38.59	181.96
52920	83.31	19.62	-13.00	96.03	351.04	-614.98	-165.11	-23.39	172.20
52921	84.65	19.23	-13.00	97.89	359.76	-570.37	-167.43	-10.00	160.90
52922	85.97	18.76	-13.00	95.05	369.00	-526.09	-167.90	1.41	148.49
52923	87.25	18.19	-13.00	88.43	378.31	-482.40	-166.28	10.74	135.33
52924	88.49	17.54	-13.00	78.93	387.24	-439.53	-162.44	17.98	121.80
52925	89.68	16.80	-13.00	67.39	395.34	-397.74	-156.36	23.16	108.21
52926	90.82	15.98	-13.00	54.61	402.28	-357.26	-148.09	26.37	94.77
52927	91.89	15.08	-13.00	41.28	407.26	-318.46	-137.87	27.62	81.76
52928	92.91	14.11	-13.00	27.82	410.19	-281.73	-126.13	27.08	69.28
52929	93.85	13.08	-13.00	14.81	411.41	-247.24	-113.10	24.94	57.43
52930	94.72	11.98	-13.00	2.91	410.54	-214.76	-98.94	21.35	46.68
52931	95.51	10.82	-13.00	-6.72	408.07	-183.72	-84.35	16.82	37.94
52932	96.21	9.62	-13.00	-13.98	403.97	-154.29	-69.50	11.87	30.37
52933	79.19	21.03	-13.00	64.94	225.97	-730.68	-133.97	-80.30	186.10
52934	80.67	20.93	-13.00	85.32	233.86	-683.21	-142.69	-63.88	181.46
52935	82.14	20.72	-13.00	98.28	243.78	-635.70	-150.76	-48.62	174.90
52936	83.59	20.41	-13.00	104.52	255.58	-587.86	-157.52	-34.51	166.27
52937	85.02	19.99	-13.00	104.87	268.72	-540.18	-162.38	-21.87	156.10
52938	86.41	19.48	-13.00	100.39	282.70	-492.97	-164.94	-10.93	144.74
52939	87.77	18.87	-13.00	92.13	296.85	-446.49	-164.91	-1.82	132.55
52940	89.07	18.17	-13.00	81.12	310.56	-401.02	-162.16	5.41	119.85
52941	90.33	17.37	-13.00	68.33	323.26	-356.82	-156.70	10.77	106.94
52942	91.52	16.49	-13.00	54.62	334.34	-314.19	-148.72	14.29	94.08
52943	92.65	15.53	-13.00	40.73	343.41	-273.39	-138.67	16.03	81.50
52944	93.71	14.48	-13.00	27.12	350.42	-234.67	-126.93	16.06	69.42
52945	94.69	13.37	-13.00	14.35	355.39	-198.13	-113.82	14.54	58.23
52946	95.59	12.19	-13.00	3.19	358.47	-163.71	-99.62	11.84	48.39
52947	96.40	10.95	-13.00	-5.64	359.53	-131.47	-84.89	8.16	39.93
52948	97.13	9.66	-13.00	-12.10	358.67	-101.37	-69.62	3.53	32.77
52949	79.23	21.87	-13.00	77.43	131.29	-709.84	-108.89	-89.39	151.18
52950	80.80	21.76	-13.00	97.37	140.82	-661.38	-120.09	-77.52	150.47
52951	82.35	21.54	-13.00	110.10	153.28	-610.51	-131.28	-65.31	146.42
52952	83.88	21.20	-13.00	115.92	167.37	-559.58	-140.97	-53.36	140.95
52953	85.39	20.76	-13.00	115.70	183.37	-509.10	-148.66	-42.34	134.18
52954	86.86	20.20	-13.00	110.50	200.50	-459.21	-153.86	-32.44	126.22
52955	88.28	19.55	-13.00	101.48	218.05	-410.18	-156.21	-23.78	117.31
52956	89.65	18.79	-13.00	89.74	235.32	-362.32	-155.52	-16.48	107.75
52957	90.97	17.94	-13.00	76.29	251.63	-315.90	-151.81	-10.59	97.78
52958	92.22	17.00	-13.00	62.05	266.41	-271.20	-145.33	-6.12	87.62
52959	93.40	15.97	-13.00	47.74	279.31	-228.48	-136.47	-3.08	77.51
52960	94.51	14.85	-13.00	33.94	290.18	-187.95	-125.62	-1.39	67.70
52961	95.53	13.67	-13.00	21.24	299.00	-149.76	-113.16	-0.93	58.52
52962	96.46	12.41	-13.00	10.32	305.68	-114.06	-99.51	-1.47	50.17
52963	97.30	11.08	-13.00	1.76	310.11	-80.95	-85.27	-3.18	42.73
52964	98.05	9.70	-13.00	-4.48	312.31	-50.22	-70.29	-6.25	36.22
52965	79.28	22.71	-13.00	93.16	49.44	-703.94	-70.67	-107.33	104.69



Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
52966	80.92	22.59	-13.00	112.44	66.59	-645.88	-85.60	-100.33	100.45
52967	82.56	22.35	-13.00	126.10	78.08	-589.37	-100.03	-90.52	100.33
52968	84.17	21.99	-13.00	133.09	92.04	-535.24	-112.71	-81.45	100.49
52969	85.75	21.52	-13.00	133.40	108.09	-481.81	-123.52	-72.68	99.51
52970	87.30	20.93	-13.00	128.57	125.76	-429.02	-132.08	-63.96	97.29
52971	88.80	20.23	-13.00	119.71	144.33	-377.29	-137.85	-55.57	94.02
52972	90.24	19.42	-13.00	107.88	163.10	-326.88	-140.53	-47.69	89.82
52973	91.62	18.52	-13.00	94.12	181.42	-278.09	-140.07	-40.47	84.84
52974	92.93	17.51	-13.00	79.32	198.70	-231.19	-136.60	-34.02	79.22
52975	94.16	16.41	-13.00	64.27	214.53	-186.45	-130.40	-28.43	73.13
52976	95.31	15.22	-13.00	49.62	228.65	-144.11	-121.80	-23.72	66.77
52977	96.37	13.96	-13.00	36.01	240.84	-104.38	-111.18	-19.88	60.32
52978	97.34	12.62	-13.00	24.10	250.95	-67.45	-99.08	-16.88	53.96
52979	98.20	11.21	-13.00	14.56	258.83	-33.49	-86.19	-15.13	47.83
52980	98.96	9.75	-13.00	7.10	264.44	-2.06	-72.22	-15.14	42.04
52981	79.32	23.55	-13.00	114.04	5.94	-761.49	-21.34	-145.92	50.50
52982	81.05	23.42	-13.00	125.81	17.18	-661.29	-39.39	-139.15	42.77
52983	82.77	23.17	-13.00	146.62	25.39	-593.72	-56.54	-126.50	49.51
52984	84.46	22.78	-13.00	155.47	35.11	-536.25	-71.10	-121.32	57.29
52985	86.12	22.28	-13.00	157.76	47.69	-477.88	-85.18	-114.37	63.66
52986	87.74	21.65	-13.00	154.56	62.41	-420.82	-97.63	-106.39	68.95
52987	89.31	20.91	-13.00	146.87	78.81	-364.85	-107.79	-97.50	72.92
52988	90.82	20.05	-13.00	135.65	96.31	-310.38	-115.19	-88.00	75.52
52989	92.26	19.09	-13.00	121.90	114.30	-257.72	-119.53	-78.18	76.72
52990	93.63	18.02	-13.00	106.51	132.20	-207.16	-120.75	-68.31	76.55
52991	94.92	16.85	-13.00	90.33	149.49	-159.00	-118.90	-58.63	75.08
52992	96.11	15.59	-13.00	74.08	165.73	-113.52	-114.15	-49.33	72.41
52993	97.21	14.25	-13.00	58.44	180.51	-71.00	-106.77	-40.57	68.62
52994	98.21	12.83	-13.00	44.07	193.60	-31.75	-97.21	-32.43	63.77
52995	99.10	11.34	-13.00	31.77	205.12	3.89	-86.39	-25.39	57.98
52996	99.88	9.79	-13.00	21.46	215.46	35.20	-74.52	-20.49	52.14
52997	79.15	20.20	-14.33	66.57	394.91	-734.67	-190.20	-34.19	81.04
52998	80.55	20.10	-14.33	92.94	403.25	-690.88	-198.79	-26.93	78.78
52999	81.94	19.90	-14.33	110.02	413.49	-646.89	-206.46	-20.23	75.70
53000	83.31	19.62	-14.33	118.66	425.37	-602.87	-212.32	-14.24	71.88
53001	84.65	19.23	-14.33	119.95	438.56	-559.05	-215.81	-9.03	67.40
53002	85.97	18.76	-14.33	115.11	452.43	-515.66	-216.57	-4.65	62.45
53003	87.25	18.19	-14.33	105.44	466.29	-472.93	-214.37	-1.16	57.20
53004	88.49	17.54	-14.33	92.17	479.46	-431.07	-209.10	1.43	51.80
53005	89.68	16.80	-14.33	76.38	491.39	-390.30	-200.84	3.13	46.41
53006	90.82	15.98	-14.33	59.02	501.63	-350.84	-189.67	3.95	41.08
53007	91.89	15.08	-14.33	40.86	509.05	-312.97	-175.99	3.83	35.93
53008	92.91	14.11	-14.33	22.21	513.55	-276.93	-160.28	2.85	31.00
53009	93.85	13.08	-14.33	3.82	515.09	-242.93	-142.59	1.10	26.16
53010	94.72	11.98	-14.33	-12.22	513.17	-210.98	-122.68	-0.97	21.77
53011	95.51	10.82	-14.33	-22.95	509.12	-180.68	-102.84	-2.68	18.56
53012	96.21	9.62	-14.33	-29.63	503.59	-152.50	-85.51	-6.29	15.74
53013	79.19	21.03	-14.33	65.24	251.63	-734.58	-170.59	-36.41	76.39
53014	80.67	20.93	-14.33	92.34	263.55	-686.84	-184.43	-29.76	74.63
53015	82.14	20.72	-14.33	109.63	278.03	-638.56	-196.49	-23.71	72.12
53016	83.59	20.41	-14.33	117.79	295.49	-590.38	-206.00	-18.19	68.70
53017	85.02	19.99	-14.33	118.02	315.31	-542.40	-212.60	-13.26	64.54
53018	86.41	19.48	-14.33	111.94	336.37	-494.96	-215.93	-9.05	59.91
53019	87.77	18.87	-14.33	101.09	357.59	-448.30	-215.61	-5.59	54.94
53020	89.07	18.17	-14.33	86.88	378.04	-402.67	-211.48	-2.91	49.78
53021	90.33	17.37	-14.33	70.57	396.90	-358.31	-203.63	-0.98	44.55
53022	91.52	16.49	-14.33	53.30	413.33	-315.49	-192.36	0.19	39.34
53023	92.65	15.53	-14.33	35.99	426.75	-274.44	-178.30	0.63	34.25
53024	93.71	14.48	-14.33	19.26	437.03	-235.37	-162.01	0.36	29.33
53025	94.69	13.37	-14.33	3.93	444.25	-198.47	-143.91	-0.56	24.81
53026	95.59	12.19	-14.33	-8.79	448.74	-163.81	-124.54	-1.95	21.02
53027	96.40	10.95	-14.33	-18.09	450.45	-131.55	-104.93	-3.55	17.90
53028	97.13	9.66	-14.33	-23.71	449.81	-101.92	-87.03	-7.52	15.36
53029	79.23	21.87	-14.33	65.28	131.64	-735.51	-142.03	-39.22	59.66
53030	80.80	21.76	-14.33	94.58	143.26	-681.92	-160.11	-34.16	59.82
53031	82.35	21.54	-14.33	113.58	158.70	-630.09	-174.86	-29.75	59.22
53032	83.88	21.20	-14.33	122.22	179.53	-577.44	-187.09	-25.11	56.91
53033	85.39	20.76	-14.33	122.61	203.85	-525.33	-196.96	-20.98	54.27
53034	86.86	20.20	-14.33	116.69	229.87	-473.78	-203.50	-17.25	51.05
53035	88.28	19.55	-14.33	105.97	256.36	-423.16	-206.05	-14.04	47.48
53036	89.65	18.79	-14.33	91.90	282.27	-373.74	-204.37	-11.37	43.66
53037	90.97	17.94	-14.33	75.85	306.63	-325.80	-198.55	-9.27	39.70
53038	92.22	17.00	-14.33	59.00	328.62	-279.60	-188.96	-7.74	35.70
53039	93.40	15.97	-14.33	42.32	347.71	-235.41	-176.16	-6.78	31.73
53040	94.51	14.85	-14.33	26.60	363.67	-193.45	-160.77	-6.35	27.92
53041	95.53	13.67	-14.33	12.65	376.48	-153.94	-143.38	-6.39	24.40
53042	96.46	12.41	-14.33	1.35	386.06	-117.07	-124.73	-6.85	21.25
53043	97.30	11.08	-14.33	-6.69	392.55	-83.00	-105.77	-7.58	18.52
53044	98.05	9.70	-14.33	-11.20	396.28	-51.93	-88.39	-11.04	16.20
53045	79.28	22.71	-14.33	73.34	54.99	-726.32	-104.52	-40.32	27.60
53046	80.92	22.59	-14.33	106.93	57.14	-681.72	-123.08	-42.79	37.57
53047	82.56	22.35	-14.33	128.01	70.41	-621.29	-136.38	-38.47	36.01
53048	84.17	21.99	-14.33	137.67	91.26	-565.24	-150.92	-35.89	37.04
53049	85.75	21.52	-14.33	139.89	115.68	-508.67	-164.26	-32.81	36.74
53050	87.30	20.93	-14.33	135.72	142.21	-453.02	-174.65	-29.74	36.06
53051	88.80	20.23	-14.33	126.47	169.82	-398.39	-181.29	-26.77	34.97
53052	90.24	19.42	-14.33	113.52	197.46	-345.15	-183.76	-23.98	33.54
53053	91.62	18.52	-14.33	98.20	224.20	-293.58	-182.03	-21.44	31.83
53054	92.93	17.51	-14.33	81.71	249.21	-243.98	-176.31	-19.17	29.89
53055	94.16	16.41	-14.33	65.06	271.92	-196.64	-167.04	-17.22	27.79
53056	95.31	15.22	-14.33	49.13	291.94	-151.82	-154.73	-15.58	25.61
53057	96.37	13.96	-14.33	34.74	309.01	-109.76	-140.02	-14.25	23.42
53058	97.34	12.62	-14.33	22.70	323.02	-70.71	-123.72	-13.26	21.27
53059	98.20	11.21	-14.33	14.07	334.05	-34.83	-106.92	-12.58	19.33
53060	98.96	9.75	-14.33	9.39	342.01	-2.14	-91.20	-15.19	17.39
53061	79.32	23.55	-14.33	82.46	12.08	-824.79	-50.37	-98.99	34.81
53062	81.05	23.42	-14.33	134.89	13.17	-674.24	-58.24	-56.84	5.66
53063	82.77	23.17	-14.33	156.47	20.00	-624.09	-72.33	-59.05	15.70
53064	84.46	22.78	-14.33	170.65	34.76	-560.57	-89.93	-57.27	18.88

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
53065	86.12	22.28	-14.33	177.25	52.22	-500.06	-107.26	-55.04	22.38
53066	87.74	21.65	-14.33	176.97	72.71	-439.92	-122.91	-52.15	25.38
53067	89.31	20.91	-14.33	170.79	95.40	-381.08	-135.86	-48.76	27.84
53068	90.82	20.05	-14.33	159.85	119.51	-323.76	-145.37	-44.99	29.74
53069	92.26	19.09	-14.33	145.37	144.24	-268.31	-151.05	-40.96	31.05
53070	93.63	18.02	-14.33	128.52	168.82	-215.06	-152.76	-36.81	31.75
53071	94.92	16.85	-14.33	110.40	192.54	-164.33	-150.54	-32.63	31.87
53072	96.11	15.59	-14.33	91.98	214.82	-116.40	-144.64	-28.53	31.43
53073	97.21	14.25	-14.33	74.15	235.14	-71.58	-135.44	-24.57	30.44
53074	98.21	12.83	-14.33	57.83	253.23	-30.13	-123.55	-20.84	28.93
53075	99.10	11.34	-14.33	43.81	269.20	7.57	-110.00	-17.05	26.82
53076	99.88	9.79	-14.33	35.72	285.10	41.15	-99.00	-17.33	24.86
53077	60.69	9.62	-11.67	-1261.01	489.52	-1059.29	-434.06	-22.23	177.11
53078	61.39	10.82	-11.67	-1059.35	437.65	-1085.10	-420.69	-94.31	181.77
53079	62.18	11.98	-11.67	-885.98	394.78	-1101.40	-385.84	-155.34	180.71
53080	63.05	13.08	-11.67	-740.99	363.19	-1109.30	-341.87	-203.93	180.08
53081	63.99	14.11	-11.67	-620.25	340.69	-1110.48	-297.80	-239.64	183.81
53082	65.01	15.08	-11.67	-517.92	324.73	-1105.69	-256.92	-264.08	191.53
53083	66.08	15.98	-11.67	-429.40	312.95	-1095.30	-220.54	-277.96	203.75
53084	67.22	16.80	-11.67	-350.12	302.37	-1079.63	-189.36	-282.58	218.27
53085	68.41	17.54	-11.67	-278.51	293.70	-1058.96	-164.16	-279.45	233.86
53086	69.65	18.19	-11.67	-213.91	286.32	-1033.85	-144.47	-269.64	249.30
53087	70.93	18.76	-11.67	-155.89	280.07	-1004.78	-129.89	-254.24	263.38
53088	72.25	19.23	-11.67	-104.37	274.95	-972.24	-119.95	-234.37	275.14
53089	73.59	19.62	-11.67	-59.33	271.07	-936.69	-114.05	-211.14	283.88
53090	74.96	19.90	-11.67	-20.80	268.54	-898.51	-111.54	-185.60	289.15
53091	76.35	20.10	-11.67	11.30	267.49	-858.10	-111.67	-158.75	290.69
53092	77.75	20.20	-11.67	37.08	267.92	-815.93	-113.65	-131.45	288.56
53093	59.77	9.66	-11.67	-1338.51	424.93	-1040.10	-482.18	181.99	284.39
53094	60.50	10.95	-11.67	-1056.71	355.53	-1074.44	-460.96	68.47	279.09
53095	61.31	12.19	-11.67	-841.26	303.36	-1092.21	-406.00	-23.85	257.55
53096	62.21	13.37	-11.67	-683.86	269.32	-1098.05	-344.26	-95.05	234.98
53097	63.19	14.48	-11.67	-565.38	247.81	-1095.86	-287.59	-148.62	218.95
53098	64.25	15.53	-11.67	-470.07	233.28	-1087.61	-238.80	-187.85	211.39
53099	65.38	16.49	-11.67	-388.34	222.53	-1073.84	-197.53	-215.13	211.31
53100	66.57	17.37	-11.67	-315.19	213.46	-1054.88	-163.39	-231.93	217.00
53101	67.83	18.17	-11.67	-248.32	205.26	-1031.13	-136.29	-239.61	226.36
53102	69.13	18.87	-11.67	-187.03	197.98	-1003.04	-115.83	-239.42	237.55
53103	70.49	19.48	-11.67	-131.25	191.62	-971.15	-101.46	-232.53	248.98
53104	71.88	19.99	-11.67	-81.18	186.36	-935.97	-92.57	-220.12	259.37
53105	73.31	20.41	-11.67	-37.16	182.44	-898.01	-88.51	-203.32	267.78
53106	74.76	20.72	-11.67	0.59	180.04	-857.66	-88.47	-183.31	273.56
53107	76.23	20.93	-11.67	31.93	179.28	-815.24	-91.49	-161.20	276.25
53108	77.71	21.03	-11.67	56.89	180.62	-770.96	-96.47	-137.94	275.44
53109	58.85	9.70	-11.67	-1415.70	328.69	-1065.71	-546.85	434.27	456.94
53110	59.60	11.08	-11.67	-984.11	236.93	-1092.20	-496.98	259.73	432.10
53111	60.44	12.41	-11.67	-713.80	187.31	-1099.42	-399.86	131.36	369.80
53112	61.37	13.67	-11.67	-559.37	164.93	-1095.49	-315.51	41.03	307.94
53113	62.39	14.85	-11.67	-460.27	151.12	-1085.83	-252.41	-26.89	259.89
53114	63.50	15.97	-11.67	-383.71	141.98	-1071.39	-202.57	-80.48	226.41
53115	64.68	17.00	-11.67	-318.16	135.23	-1052.59	-161.95	-122.13	205.92
53116	65.93	17.94	-11.67	-258.19	129.37	-1029.33	-128.84	-153.18	195.82
53117	67.25	18.79	-11.67	-201.75	123.65	-1001.74	-102.62	-174.67	193.37
53118	68.62	19.55	-11.67	-148.42	118.00	-970.21	-82.98	-187.63	196.07
53119	70.04	20.20	-11.67	-98.55	112.65	-935.21	-69.55	-193.11	201.78
53120	71.51	20.76	-11.67	-52.84	107.96	-897.23	-61.88	-192.12	208.76
53121	73.02	21.20	-11.67	-12.06	104.32	-856.81	-59.44	-185.68	215.74
53122	74.55	21.54	-11.67	23.29	101.95	-814.59	-61.60	-174.75	221.96
53123	76.10	21.76	-11.67	53.13	100.75	-770.90	-67.27	-160.71	226.96
53124	77.67	21.87	-11.67	77.07	100.80	-725.54	-74.67	-145.14	230.05
53125	57.94	9.75	-11.67	-1506.00	151.26	-1238.65	-672.00	795.39	760.00
53126	58.70	11.21	-11.67	-760.25	42.80	-1184.71	-498.01	436.71	665.75
53127	59.56	12.62	-11.67	-469.17	58.45	-1134.64	-320.46	282.32	524.40
53128	60.53	13.96	-11.67	-368.01	62.37	-1112.50	-234.67	195.13	411.26
53129	61.59	15.22	-11.67	-305.65	60.11	-1090.32	-182.55	120.63	318.77
53130	62.74	16.41	-11.67	-259.41	57.88	-1068.04	-144.06	55.47	248.17
53131	63.97	17.51	-11.67	-218.05	56.78	-1043.60	-112.66	-0.79	197.46
53132	65.28	18.52	-11.67	-177.77	55.94	-1015.84	-86.27	-47.96	163.44
53133	66.66	19.42	-11.67	-137.24	54.57	-984.35	-64.59	-86.17	142.62
53134	68.10	20.23	-11.67	-96.55	52.39	-949.27	-47.81	-115.84	131.74
53135	69.60	20.93	-11.67	-56.55	49.55	-911.05	-36.15	-137.58	128.00
53136	71.15	21.52	-11.67	-18.38	46.48	-870.16	-29.64	-152.07	129.11
53137	72.73	21.99	-11.67	16.65	43.68	-827.15	-28.15	-159.97	133.27
53138	74.34	22.35	-11.67	47.42	41.60	-783.10	-31.57	-161.56	139.37
53139	75.98	22.59	-11.67	74.35	39.49	-740.34	-39.48	-157.67	147.85
53140	77.62	22.71	-11.67	98.42	38.25	-699.29	-48.22	-152.95	158.41
53141	57.02	9.79	-11.67	-1266.59	-417.51	-2077.13	-770.38	1149.77	1157.63
53142	57.80	11.34	-11.67	-222.81	-110.19	-1302.63	-227.33	441.50	892.24
53143	58.69	12.83	-11.67	-166.79	-21.83	-1215.02	-121.58	422.08	721.93
53144	59.69	14.25	-11.67	-128.10	-6.51	-1159.51	-92.04	359.56	558.58
53145	60.79	15.59	-11.67	-114.96	-6.62	-1128.19	-76.35	290.02	411.96
53146	61.98	16.85	-11.67	-103.88	-5.76	-1100.69	-64.75	216.71	292.18
53147	63.27	18.02	-11.67	-91.59	-2.10	-1073.36	-52.44	145.82	200.00
53148	64.64	19.09	-11.67	-75.63	2.89	-1043.29	-39.20	80.59	132.48
53149	66.08	20.05	-11.67	-55.55	7.49	-1009.44	-26.00	22.63	85.51
53150	67.59	20.91	-11.67	-31.85	10.67	-971.77	-14.19	-27.41	54.99
53151	69.16	21.65	-11.67	-5.64	12.09	-930.69	-4.96	-69.35	37.33
53152	70.78	22.28	-11.67	21.64	11.91	-886.85	0.82	-103.29	29.49
53153	72.44	22.78	-11.67	48.36	10.74	-840.74	2.66	-129.50	28.93
53154	74.13	23.17	-11.67	72.22	9.08	-794.26	0.11	-146.93	33.83
53155	75.85	23.42	-11.67	94.94	6.92	-754.29	-6.74	-155.62	44.21
53156	77.58	23.55	-11.67	118.31	6.42	-720.57	-15.08	-165.61	58.07
53157	60.69	9.62	-13.00	-1508.30	622.14	-1152.81	-546.80	6.94	123.71
53158	61.39	10.82	-13.00	-1309.09	551.08	-1159.24	-534.56	-55.01	125.91
53159	62.18	11.98	-13.00	-1129.15	491.33	-1158.46	-496.45	-105.10	123.76
53160	63.05	13.08	-13.00	-970.98	447.11	-1151.35	-445.78	-143.23	122.71
53161	63.99	14.11	-13.00	-832.66	415.52	-1139.61	-392.29	-169.86	125.05
53162	65.01	15.08	-13.00	-709.87	392.95	-1123.60	-340.68	-187.55	130.08
53163	66.08	15.98	-13.00	-599.54	376.64	-1103.50	-293.57	-197.35	138.70

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
53164	67.22	16.80	-13.00	-497.88	362.90	-1079.66	-252.39	-200.36	149.07
53165	68.41	17.54	-13.00	-404.14	352.24	-1052.28	-218.48	-197.85	160.26
53166	69.65	18.19	-13.00	-318.21	343.62	-1021.81	-191.52	-190.63	171.39
53167	70.93	18.76	-13.00	-240.09	336.68	-988.56	-171.21	-179.50	181.53
53168	72.25	19.23	-13.00	-170.04	331.35	-952.87	-157.06	-165.28	189.99
53169	73.59	19.62	-13.00	-108.33	327.74	-915.03	-148.39	-148.76	196.26
53170	74.96	19.90	-13.00	-55.17	326.01	-875.33	-144.40	-130.69	199.99
53171	76.35	20.10	-13.00	-10.59	326.21	-834.08	-144.23	-111.72	201.06
53172	77.75	20.20	-13.00	25.66	328.17	-791.54	-146.89	-92.49	199.58
53173	59.77	9.66	-13.00	-1497.56	555.69	-1164.61	-587.15	180.93	206.31
53174	60.50	10.95	-13.00	-1257.68	459.69	-1179.08	-572.51	73.18	198.51
53175	61.31	12.19	-13.00	-1059.46	383.26	-1181.71	-519.43	-7.82	178.33
53176	62.21	13.37	-13.00	-902.03	331.12	-1174.20	-453.85	-65.49	159.80
53177	63.19	14.48	-13.00	-773.60	297.36	-1160.28	-388.60	-106.10	147.62
53178	64.25	15.53	-13.00	-662.96	275.16	-1141.55	-328.53	-134.59	142.17
53179	65.38	16.49	-13.00	-563.10	259.78	-1118.62	-275.29	-153.84	142.32
53180	66.57	17.37	-13.00	-470.27	248.03	-1091.79	-229.68	-165.38	146.72
53181	67.83	18.17	-13.00	-383.09	238.36	-1061.40	-192.30	-170.36	153.77
53182	69.13	18.87	-13.00	-301.55	230.37	-1027.79	-163.12	-169.77	162.08
53183	70.49	19.48	-13.00	-226.12	223.79	-991.30	-141.72	-164.52	170.48
53184	71.88	19.99	-13.00	-157.49	218.74	-952.30	-127.53	-155.48	178.05
53185	73.31	20.41	-13.00	-96.39	215.59	-911.13	-119.77	-143.46	184.09
53186	74.76	20.72	-13.00	-43.46	214.62	-868.06	-117.57	-129.30	188.10
53187	76.23	20.93	-13.00	0.99	216.14	-823.21	-119.91	-113.75	189.59
53188	77.71	21.03	-13.00	36.95	220.04	-777.44	-125.82	-97.12	188.85
53189	58.85	9.70	-13.00	-1407.31	453.90	-1203.06	-608.01	406.61	351.28
53190	59.60	11.08	-13.00	-1100.35	332.70	-1215.37	-578.78	223.51	318.11
53191	60.44	12.41	-13.00	-889.44	250.52	-1212.65	-501.01	105.57	258.38
53192	61.37	13.67	-13.00	-751.47	201.42	-1201.06	-422.94	31.70	207.93
53193	62.39	14.85	-13.00	-650.04	172.54	-1182.83	-354.54	-19.72	171.97
53194	63.50	15.97	-13.00	-564.94	155.68	-1160.02	-294.86	-58.36	148.28
53195	64.68	17.00	-13.00	-486.79	145.57	-1133.29	-242.64	-87.68	134.34
53196	65.93	17.94	-13.00	-411.70	138.79	-1102.88	-197.70	-109.17	127.88
53197	67.25	18.79	-13.00	-338.49	133.40	-1068.97	-160.36	-123.81	126.83
53198	68.62	19.55	-13.00	-267.52	128.62	-1031.88	-130.87	-132.45	129.32
53199	70.04	20.20	-13.00	-199.79	124.33	-991.95	-109.18	-135.91	133.82
53200	71.51	20.76	-13.00	-136.53	120.81	-949.52	-94.94	-134.98	139.07
53201	73.02	21.20	-13.00	-79.04	118.59	-904.94	-87.56	-130.40	144.12
53202	74.55	21.54	-13.00	-28.42	118.38	-858.70	-86.28	-122.81	148.43
53203	76.10	21.76	-13.00	14.58	119.87	-810.89	-90.32	-113.30	151.59
53204	77.67	21.87	-13.00	49.89	124.30	-759.78	-98.01	-102.72	151.54
53205	57.94	9.75	-13.00	-1142.92	252.37	-1441.88	-588.58	653.73	583.61
53206	58.70	11.21	-13.00	-784.31	155.56	-1288.10	-505.43	341.43	492.87
53207	59.56	12.62	-13.00	-600.93	99.35	-1257.26	-401.07	211.06	371.92
53208	60.53	13.96	-13.00	-512.84	68.35	-1235.32	-329.77	140.50	278.00
53209	61.59	15.22	-13.00	-457.23	49.78	-1211.13	-278.09	86.55	209.37
53210	62.74	16.41	-13.00	-410.38	41.80	-1183.51	-233.92	40.36	158.95
53211	63.97	17.51	-13.00	-364.38	40.53	-1152.90	-193.59	0.94	123.38
53212	65.28	18.52	-13.00	-316.00	42.36	-1118.92	-156.69	-31.97	99.80
53213	66.66	19.42	-13.00	-264.65	44.78	-1081.56	-124.06	-58.59	85.58
53214	68.10	20.23	-13.00	-211.13	46.49	-1041.02	-96.77	-79.30	78.34
53215	69.60	20.93	-13.00	-156.90	47.10	-997.63	-75.64	-94.59	76.06
53216	71.15	21.52	-13.00	-103.72	46.88	-951.78	-61.06	-104.97	77.14
53217	72.73	21.99	-13.00	-53.40	46.53	-903.72	-52.97	-111.05	80.19
53218	74.34	22.35	-13.00	-8.12	46.74	-854.13	-51.32	-112.85	84.36
53219	75.98	22.59	-13.00	31.51	48.29	-805.35	-56.12	-110.17	90.28
53220	77.62	22.71	-13.00	66.13	43.42	-757.20	-66.22	-106.69	101.21
53221	57.02	9.79	-13.00	-435.68	-68.51	-1654.05	-362.30	536.27	771.19
53222	57.80	11.34	-13.00	-314.50	-41.87	-1391.03	-250.70	370.46	662.94
53223	58.69	12.83	-13.00	-216.46	-28.39	-1311.81	-173.02	301.57	522.71
53224	59.69	14.25	-13.00	-120.61	-46.13	-1288.45	-157.50	265.12	396.27
53225	60.79	15.59	-13.00	-202.15	-58.73	-1260.66	-151.14	214.73	286.99
53226	61.98	16.85	-13.00	-201.03	-58.79	-1231.59	-141.96	162.50	199.36
53227	63.27	18.02	-13.00	-194.67	-49.46	-1199.43	-127.05	111.63	132.17
53228	64.64	19.09	-13.00	-180.77	-35.73	-1163.74	-107.31	64.57	82.97
53229	66.08	20.05	-13.00	-158.90	-21.63	-1124.25	-85.15	22.55	48.73
53230	67.59	20.91	-13.00	-129.93	-9.65	-1081.15	-63.18	-13.93	26.47
53231	69.16	21.65	-13.00	-95.53	-0.89	-1034.83	-43.67	-44.77	13.57
53232	70.78	22.28	-13.00	-57.76	4.59	-985.63	-28.32	-70.06	7.82
53233	72.44	22.78	-13.00	-18.95	7.35	-934.49	-18.22	-89.80	7.51
53234	74.13	23.17	-13.00	18.42	8.79	-879.96	-13.56	-104.68	10.64
53235	75.85	23.42	-13.00	47.48	8.56	-833.70	-17.38	-105.43	18.12
53236	77.58	23.55	-13.00	87.68	3.29	-819.07	-28.65	-105.34	42.06
53237	60.69	9.62	-14.33	-1840.79	786.23	-1218.84	-696.04	-8.99	53.83
53238	61.39	10.82	-14.33	-1629.52	687.52	-1210.29	-677.78	-32.80	53.05
53239	62.18	11.98	-14.33	-1430.05	607.37	-1196.31	-629.49	-53.53	52.14
53240	63.05	13.08	-14.33	-1248.86	549.53	-1178.53	-564.06	-68.35	51.82
53241	63.99	14.11	-14.33	-1084.56	506.71	-1157.94	-492.88	-77.67	52.73
53242	65.01	15.08	-14.33	-933.13	475.37	-1134.49	-423.92	-83.68	54.32
53243	66.08	15.98	-14.33	-792.69	452.20	-1108.22	-361.16	-86.70	57.77
53244	67.22	16.80	-14.33	-660.74	432.75	-1079.37	-306.98	-87.14	61.97
53245	68.41	17.54	-14.33	-537.66	417.70	-1048.03	-262.87	-85.56	66.53
53246	69.65	18.19	-14.33	-424.00	405.55	-1014.46	-228.39	-82.20	71.07
53247	70.93	18.76	-14.33	-320.30	395.87	-978.87	-203.15	-77.37	75.21
53248	72.25	19.23	-14.33	-227.26	388.71	-941.45	-186.37	-71.39	78.65
53249	73.59	19.62	-14.33	-145.51	384.32	-902.43	-177.06	-64.57	81.19
53250	74.96	19.90	-14.33	-75.40	382.94	-862.00	-174.11	-57.20	82.67
53251	76.35	20.10	-14.33	-16.98	384.50	-820.39	-176.29	-49.51	83.08
53252	77.75	20.20	-14.33	30.15	388.63	-777.92	-182.16	-41.76	82.49
53253	59.77	9.66	-14.33	-1757.28	724.86	-1258.80	-745.85	76.86	84.60
53254	60.50	10.95	-14.33	-1549.51	582.60	-1254.96	-726.53	27.88	78.32
53255	61.31	12.19	-14.33	-1357.72	472.01	-1241.49	-661.90	-8.85	68.91
53256	62.21	13.37	-14.33	-1190.05	397.18	-1222.97	-579.34	-33.55	61.68
53257	63.19	14.48	-14.33	-1041.74	348.84	-1200.48	-494.40	-50.16	57.50
53258	64.25	15.53	-14.33	-905.96	316.61	-1174.74	-414.58	-61.36	56.12
53259	65.38	16.49	-14.33	-778.07	293.86	-1145.91	-343.32	-68.70	56.90
53260	66.57	17.37	-14.33	-655.86	276.30	-1114.18	-282.41	-72.88	59.36
53261	67.83	18.17	-14.33	-539.25	261.86	-1079.76	-232.92	-74.42	62.78
53262	69.13	18.87	-14.33	-429.23	249.96	-1042.84	-194.85	-73.77	66.57

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
53263	70.49	19.48	-14.33	-327.00	240.34	-1003.67	-167.63	-71.29	70.29
53264	71.88	19.99	-14.33	-233.85	233.27	-962.47	-150.38	-67.36	73.54
53265	73.31	20.41	-14.33	-151.04	229.45	-919.50	-141.89	-62.29	76.10
53266	74.76	20.72	-14.33	-79.65	229.65	-874.94	-140.94	-56.45	77.65
53267	76.23	20.93	-14.33	-20.12	234.05	-829.19	-146.45	-50.09	78.05
53268	77.71	21.03	-14.33	27.94	241.73	-782.12	-157.10	-43.25	77.55
53269	58.85	9.70	-14.33	-1458.29	633.37	-1312.99	-744.32	190.16	145.74
53270	59.60	11.08	-14.33	-1298.37	446.43	-1300.76	-722.87	95.88	126.31
53271	60.44	12.41	-14.33	-1148.83	312.38	-1286.78	-645.60	39.05	98.02
53272	61.37	13.67	-14.33	-1022.92	232.22	-1266.69	-554.17	6.21	77.05
53273	62.39	14.85	-14.33	-913.32	186.12	-1242.25	-465.93	-15.18	63.50
53274	63.50	15.97	-14.33	-810.75	159.15	-1214.19	-385.30	-30.58	55.21
53275	64.68	17.00	-14.33	-710.00	142.40	-1182.80	-313.51	-41.95	50.81
53276	65.93	17.94	-14.33	-609.32	130.74	-1148.27	-251.52	-50.06	49.26
53277	67.25	18.79	-14.33	-509.13	121.39	-1110.78	-200.29	-55.40	49.71
53278	68.62	19.55	-14.33	-411.03	113.30	-1070.57	-160.32	-58.35	51.39
53279	70.04	20.20	-14.33	-316.99	106.40	-1027.88	-131.50	-59.29	53.69
53280	71.51	20.76	-14.33	-229.01	101.18	-983.00	-113.19	-58.55	56.14
53281	73.02	21.20	-14.33	-148.90	98.60	-936.09	-104.21	-56.49	58.27
53282	74.55	21.54	-14.33	-78.65	100.30	-887.72	-102.98	-53.22	60.16
53283	76.10	21.76	-14.33	-20.15	107.98	-837.07	-109.10	-49.63	60.39
53284	77.67	21.87	-14.33	27.14	119.84	-787.32	-122.96	-44.96	59.86
53285	57.94	9.75	-14.33	-904.68	456.87	-1418.43	-614.81	240.70	242.47
53286	58.70	11.21	-14.33	-867.61	262.65	-1360.37	-599.61	141.85	199.47
53287	59.56	12.62	-14.33	-800.08	133.08	-1334.27	-532.62	79.81	140.69
53288	60.53	13.96	-14.33	-741.33	63.67	-1312.04	-460.58	49.25	99.99
53289	61.59	15.22	-14.33	-689.15	29.36	-1285.17	-393.61	27.68	72.99
53290	62.74	16.41	-14.33	-634.88	14.46	-1254.74	-330.79	9.78	54.21
53291	63.97	17.51	-14.33	-574.44	10.25	-1220.77	-271.63	-5.29	41.39
53292	65.28	18.52	-14.33	-507.15	10.87	-1183.43	-217.32	-17.73	33.20
53293	66.66	19.42	-14.33	-434.12	12.65	-1142.88	-169.66	-27.68	28.52
53294	68.10	20.23	-14.33	-357.48	13.82	-1099.36	-130.26	-35.36	26.39
53295	69.60	20.93	-14.33	-279.81	13.97	-1053.14	-100.11	-40.99	26.04
53296	71.15	21.52	-14.33	-203.68	13.61	-1004.47	-79.48	-44.82	26.83
53297	72.73	21.99	-14.33	-131.49	13.74	-953.85	-67.94	-47.08	28.34
53298	74.34	22.35	-14.33	-65.14	16.06	-900.48	-63.85	-48.40	29.30
53299	75.98	22.59	-14.33	-9.26	24.98	-849.87	-64.76	-46.64	33.34
53300	77.62	22.71	-14.33	34.54	44.35	-782.48	-77.18	-50.34	26.16
53301	57.02	9.79	-14.33	-292.10	127.92	-1467.67	-270.80	130.94	316.64
53302	57.80	11.34	-14.33	-321.80	25.63	-1414.93	-283.67	135.70	278.00
53303	58.69	12.83	-14.33	-332.86	-56.42	-1382.51	-272.83	121.66	212.26
53304	59.69	14.25	-14.33	-342.54	-106.36	-1359.98	-266.69	105.85	154.40
53305	60.79	15.59	-14.33	-354.83	-126.34	-1332.74	-258.63	86.66	108.98
53306	61.98	16.85	-14.33	-359.13	-123.20	-1300.77	-240.77	65.58	73.08
53307	63.27	18.02	-14.33	-351.76	-106.20	-1265.09	-213.33	44.93	45.74
53308	64.64	19.09	-14.33	-331.49	-83.46	-1225.59	-179.30	25.66	25.78
53309	66.08	20.05	-14.33	-299.00	-60.82	-1182.51	-142.61	8.30	11.90
53310	67.59	20.91	-14.33	-256.18	-41.67	-1136.09	-107.03	-6.93	2.88
53311	69.16	21.65	-14.33	-205.66	-27.36	-1086.61	-75.60	-19.99	-2.33
53312	70.78	22.28	-14.33	-150.36	-17.83	-1034.54	-50.45	-30.92	-4.62
53313	72.44	22.78	-14.33	-93.15	-11.93	-979.63	-32.76	-39.81	-4.74
53314	74.13	23.17	-14.33	-36.75	-9.02	-925.22	-22.78	-46.40	-2.54
53315	75.85	23.42	-14.33	17.12	-2.44	-855.63	-17.86	-54.22	-5.85
53316	77.58	23.55	-14.33	43.14	7.22	-885.33	-15.91	-15.02	30.87
53317	98.51	-2.50	-11.67	-25.05	268.60	-14.90	27.51	-16.85	-3.46
53318	98.43	-3.10	-11.67	-24.80	266.91	-14.60	30.83	-17.48	-4.37
53319	99.36	-2.50	-11.67	-19.90	238.93	25.59	24.31	-21.61	-1.07
53320	99.28	-3.10	-11.67	-19.58	237.39	26.04	27.43	-22.23	-2.39
53321	100.20	-2.50	-11.67	-14.57	208.80	63.21	20.82	-21.06	0.69
53322	100.13	-3.10	-11.67	-14.18	207.36	63.79	23.81	-21.66	-1.18
53323	101.05	-2.50	-11.67	-9.62	177.53	95.92	17.33	-13.87	1.61
53324	100.97	-3.10	-11.67	-9.16	176.22	96.59	20.09	-14.40	-0.90
53325	101.90	-2.50	-11.67	-2.81	144.19	121.87	13.45	-3.58	2.00
53326	101.82	-3.10	-11.67	-2.30	142.84	122.62	16.36	-4.09	-1.15
53327	98.51	-2.50	-13.00	-29.54	345.75	-18.23	36.38	-19.93	1.25
53328	98.43	-3.10	-13.00	-29.21	343.95	-18.21	40.39	-20.35	0.53
53329	99.36	-2.50	-13.00	-21.29	314.23	26.26	32.41	-23.38	2.72
53330	99.28	-3.10	-13.00	-20.86	312.57	26.48	36.29	-23.78	1.69
53331	100.20	-2.50	-13.00	-12.52	282.00	69.56	28.06	-23.37	3.87
53332	100.13	-3.10	-13.00	-11.99	280.48	69.91	31.89	-23.72	2.42
53333	101.05	-2.50	-13.00	-6.48	248.03	110.08	23.54	-17.66	4.79
53334	100.97	-3.10	-13.00	-5.80	246.51	110.56	27.38	-17.96	2.74
53335	101.90	-2.50	-13.00	-3.20	209.51	136.15	19.84	-3.45	4.41
53336	101.82	-3.10	-13.00	-2.34	208.32	136.59	23.35	-3.69	2.35
53337	98.51	-2.50	-14.33	-38.03	427.94	-20.11	44.72	-23.72	7.31
53338	98.43	-3.10	-14.33	-38.19	422.38	-20.15	54.45	-23.84	7.52
53339	99.36	-2.50	-14.33	-22.30	395.53	26.37	39.30	-24.61	7.54
53340	99.28	-3.10	-14.33	-22.25	390.36	26.52	48.59	-24.68	7.55
53341	100.20	-2.50	-14.33	-5.53	362.52	72.34	33.58	-25.04	8.03
53342	100.13	-3.10	-14.33	-5.33	357.48	72.63	42.81	-25.07	7.91
53343	101.05	-2.50	-14.33	10.17	327.34	118.49	27.26	-24.58	8.51
53344	100.97	-3.10	-14.33	10.50	322.42	118.95	36.91	-24.57	7.75
53345	101.90	-2.50	-14.33	18.51	289.82	153.96	18.56	-16.77	10.46
53346	101.82	-3.10	-14.33	19.14	283.56	154.29	30.15	-16.59	10.79
53347	79.06	-2.50	-11.67	-195.81	609.71	-654.04	33.51	-134.81	-22.46
53348	79.06	-3.10	-11.67	-195.37	603.84	-650.98	41.01	-133.96	-21.00
53349	80.29	-2.50	-11.67	-152.50	595.30	-614.42	33.11	-106.81	-23.34
53350	80.28	-3.10	-11.67	-152.58	589.63	-611.51	40.13	-106.35	-22.10
53351	81.52	-2.50	-11.67	-117.37	579.52	-574.12	33.03	-81.23	-23.85
53352	81.51	-3.10	-11.67	-117.81	574.06	-571.39	39.63	-81.13	-22.81
53353	82.75	-2.50	-11.67	-89.63	562.43	-533.31	33.16	-58.42	-24.02
53354	82.73	-3.10	-11.67	-90.29	557.18	-530.77	39.41	-58.62	-23.14
53355	83.97	-2.50	-11.67	-68.43	544.11	-492.16	33.44	-38.59	-23.84
53356	83.95	-3.10	-11.67	-69.20	539.09	-489.82	39.37	-39.04	-23.10
53357	85.20	-2.50	-11.67	-52.90	524.64	-450.79	33.78	-21.86	-23.35
53358	85.17	-3.10	-11.67	-53.69	519.88	-448.66	39.44	-22.52	-22.72
53359	86.43	-2.50	-11.67	-42.15	504.14	-409.32	34.14	-8.30	-22.57
53360	86.39	-3.10	-11.67	-42.89	499.65	-407.40	39.55	-9.12	-22.04
53361	87.66	-2.50	-11.67	-35.30	482.73	-367.86	34.48	2.09	-21.52

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
53362	87.62	-3.10	-11.67	-35.96	478.53	-366.13	39.65	1.18	-21.08
53363	88.88	-2.50	-11.67	-31.51	460.53	-326.47	34.75	9.36	-20.24
53364	88.84	-3.10	-11.67	-32.05	456.62	-324.95	39.71	8.40	-19.88
53365	90.11	-2.50	-11.67	-29.96	437.67	-285.28	34.89	13.60	-18.73
53366	90.06	-3.10	-11.67	-30.36	434.07	-283.94	39.65	12.63	-18.46
53367	91.34	-2.50	-11.67	-29.87	414.31	-244.39	34.87	14.95	-17.02
53368	91.28	-3.10	-11.67	-30.14	410.99	-243.25	39.43	14.01	-16.85
53369	92.57	-2.50	-11.67	-30.54	390.58	-204.01	34.60	13.62	-15.11
53370	92.50	-3.10	-11.67	-30.67	387.55	-203.06	38.97	12.72	-15.06
53371	93.79	-2.50	-11.67	-31.28	366.66	-164.40	34.03	9.92	-13.01
53372	93.73	-3.10	-11.67	-31.30	363.90	-163.64	38.20	9.08	-13.11
53373	95.02	-2.50	-11.67	-31.50	342.70	-125.91	33.10	4.33	-10.76
53374	94.95	-3.10	-11.67	-31.41	340.22	-125.33	37.05	3.56	-11.01
53375	96.25	-2.50	-11.67	-30.70	318.85	-88.81	31.74	-2.53	-8.40
53376	96.17	-3.10	-11.67	-30.53	316.65	-88.38	35.49	-3.24	-8.84
53377	97.48	-2.50	-11.67	-28.71	295.17	-53.21	29.97	-9.78	-6.03
53378	97.39	-3.10	-11.67	-28.50	293.25	-52.92	33.51	-10.44	-6.67
53379	79.06	-2.50	-13.00	-222.92	725.33	-630.47	41.20	-95.91	-9.96
53380	79.06	-3.10	-13.00	-222.39	719.48	-627.90	50.15	-95.34	-8.89
53381	80.29	-2.50	-13.00	-170.32	708.58	-592.45	40.80	-77.18	-10.63
53382	80.28	-3.10	-13.00	-170.43	702.92	-590.04	49.09	-76.87	-9.71
53383	81.52	-2.50	-13.00	-128.16	690.35	-554.16	40.80	-60.13	-11.06
53384	81.51	-3.10	-13.00	-128.72	684.89	-551.93	48.55	-60.05	-10.28
53385	82.75	-2.50	-13.00	-95.40	670.70	-515.68	41.11	-44.97	-11.25
53386	82.73	-3.10	-13.00	-96.23	665.45	-513.61	48.38	-45.09	-10.58
53387	83.97	-2.50	-13.00	-70.93	649.73	-477.05	41.61	-31.83	-11.21
53388	83.95	-3.10	-13.00	-71.89	644.71	-475.17	48.47	-32.11	-10.64
53389	85.20	-2.50	-13.00	-53.59	627.55	-438.34	42.23	-20.79	-10.96
53390	85.17	-3.10	-13.00	-54.59	622.79	-436.64	48.72	-21.21	-10.48
53391	86.43	-2.50	-13.00	-42.24	604.32	-399.60	42.88	-11.88	-10.51
53392	86.39	-3.10	-13.00	-43.19	599.83	-398.07	49.04	-12.40	-10.10
53393	87.66	-2.50	-13.00	-35.74	580.17	-360.85	43.50	-5.12	-9.89
53394	87.62	-3.10	-13.00	-36.57	575.97	-359.50	49.37	-5.70	-9.54
53395	88.88	-2.50	-13.00	-32.94	555.26	-322.13	44.03	-0.46	-9.10
53396	88.84	-3.10	-13.00	-33.63	551.37	-320.96	49.63	-1.08	-8.82
53397	90.11	-2.50	-13.00	-32.75	529.76	-283.48	44.41	2.13	-8.16
53398	90.06	-3.10	-13.00	-33.29	526.17	-282.49	49.77	1.51	-7.96
53399	91.34	-2.50	-13.00	-34.15	503.83	-244.97	44.57	2.76	-7.08
53400	91.28	-3.10	-13.00	-34.52	500.53	-244.15	49.70	2.15	-6.96
53401	92.57	-2.50	-13.00	-36.17	477.65	-206.68	44.41	1.58	-5.86
53402	92.50	-3.10	-13.00	-36.38	474.63	-206.04	49.33	1.00	-5.86
53403	93.79	-2.50	-13.00	-37.96	451.43	-168.73	43.88	-1.18	-4.53
53404	93.73	-3.10	-13.00	-38.01	448.67	-168.27	48.59	-1.71	-4.65
53405	95.02	-2.50	-13.00	-38.78	425.32	-131.32	42.90	-5.12	-3.13
53406	94.95	-3.10	-13.00	-38.70	422.82	-131.03	47.41	-5.61	-3.38
53407	96.25	-2.50	-13.00	-38.02	399.48	-94.68	41.45	-9.77	-1.72
53408	96.17	-3.10	-13.00	-37.83	397.25	-94.56	45.74	-10.22	-2.12
53409	97.48	-2.50	-13.00	-35.03	374.07	-58.64	39.38	-14.84	-0.32
53410	97.39	-3.10	-13.00	-34.77	372.10	-58.66	43.50	-15.28	-0.84
53411	79.06	-2.50	-14.33	-226.52	845.66	-618.10	44.85	-52.76	4.72
53412	79.06	-3.10	-14.33	-226.70	835.64	-615.66	61.08	-52.61	5.75
53413	80.29	-2.50	-14.33	-166.23	826.74	-580.99	44.76	-45.80	4.46
53414	80.28	-3.10	-14.33	-167.17	816.87	-578.72	60.22	-45.74	5.41
53415	81.52	-2.50	-14.33	-119.00	806.15	-543.83	45.17	-39.49	4.28
53416	81.51	-3.10	-14.33	-120.46	796.45	-541.73	59.98	-39.51	5.16
53417	82.75	-2.50	-14.33	-83.43	783.98	-506.63	45.95	-33.90	4.19
53418	82.73	-3.10	-14.33	-85.19	774.47	-504.70	60.20	-33.99	5.02
53419	83.97	-2.50	-14.33	-58.06	760.35	-469.40	46.97	-29.08	4.19
53420	83.95	-3.10	-14.33	-59.96	751.06	-467.64	60.73	-29.23	4.96
53421	85.20	-2.50	-14.33	-41.40	735.42	-432.15	48.11	-25.05	4.26
53422	85.17	-3.10	-14.33	-43.30	726.37	-430.56	61.44	-25.24	4.99
53423	86.43	-2.50	-14.33	-31.96	709.37	-394.89	49.29	-21.82	4.40
53424	86.39	-3.10	-14.33	-33.78	700.58	-393.48	62.23	-22.04	5.09
53425	87.66	-2.50	-14.33	-28.29	682.39	-357.64	50.41	-19.39	4.61
53426	87.62	-3.10	-14.33	-29.95	673.89	-356.39	63.00	-19.63	5.27
53427	88.88	-2.50	-14.33	-28.91	654.68	-320.38	51.40	-17.76	4.88
53428	88.84	-3.10	-14.33	-30.37	646.47	-319.31	63.68	-18.01	5.50
53429	90.11	-2.50	-14.33	-32.41	626.45	-283.15	52.18	-16.90	5.21
53430	90.06	-3.10	-14.33	-33.67	618.54	-282.24	64.17	-17.15	5.79
53431	91.34	-2.50	-14.33	-37.42	597.92	-245.93	52.65	-16.79	5.59
53432	91.28	-3.10	-14.33	-38.47	590.29	-245.20	64.39	-17.02	6.12
53433	92.57	-2.50	-14.33	-42.67	569.30	-208.76	52.73	-17.38	6.02
53434	92.50	-3.10	-14.33	-43.52	561.95	-208.21	64.24	-17.59	6.50
53435	93.79	-2.50	-14.33	-47.02	540.83	-171.67	52.32	-18.55	6.49
53436	93.73	-3.10	-14.33	-47.69	533.73	-171.28	63.62	-18.75	6.92
53437	95.02	-2.50	-14.33	-49.56	512.69	-134.71	51.38	-20.15	6.99
53438	94.95	-3.10	-14.33	-50.07	505.82	-134.50	62.48	-20.32	7.35
53439	96.25	-2.50	-14.33	-49.77	485.02	-97.98	49.92	-21.82	7.46
53440	96.17	-3.10	-14.33	-50.15	478.39	-97.94	60.80	-21.98	7.76
53441	97.48	-2.50	-14.33	-47.64	457.63	-61.65	48.26	-22.95	7.50
53442	97.39	-3.10	-14.33	-47.94	451.43	-61.75	58.70	-23.12	7.79
53443	77.84	-2.50	-11.67	-248.01	622.72	-692.78	34.32	-164.78	-21.21
53444	76.61	-2.50	-11.67	-309.69	634.35	-730.40	35.66	-196.12	-19.63
53445	75.38	-2.50	-11.67	-381.28	644.61	-766.67	37.64	-228.05	-17.75
53446	74.15	-2.50	-11.67	-463.02	653.58	-801.29	40.38	-259.62	-15.63
53447	72.93	-2.50	-11.67	-554.91	661.31	-833.98	43.97	-289.62	-13.36
53448	71.70	-2.50	-11.67	-656.64	667.88	-864.41	48.48	-316.64	-11.05
53449	70.47	-2.50	-11.67	-767.54	673.31	-892.23	53.95	-339.00	-8.84
53450	69.24	-2.50	-11.67	-886.54	677.58	-917.05	60.34	-354.75	-6.90
53451	68.02	-2.50	-11.67	-1012.14	680.54	-938.39	67.51	-361.65	-5.39
53452	66.79	-2.50	-11.67	-1142.40	681.82	-955.64	75.22	-357.16	-4.50
53453	65.56	-2.50	-11.67	-1275.03	680.82	-967.97	83.05	-338.39	-4.39
53454	64.33	-2.50	-11.67	-1407.47	676.52	-974.24	90.38	-302.00	-5.23
53455	63.11	-2.50	-11.67	-1537.14	667.34	-973.05	96.31	-244.19	-7.15
53456	61.88	-2.50	-11.67	-1661.77	650.97	-962.73	99.59	-160.89	-10.27
53457	60.65	-2.50	-11.67	-1780.24	623.90	-941.29	98.54	-48.27	-14.65
53458	59.42	-2.50	-11.67	-1894.34	580.82	-907.04	91.03	95.50	-20.42
53459	77.84	-3.10	-11.67	-246.86	616.67	-689.59	42.40	-163.51	-19.51
53460	76.62	-3.10	-11.67	-307.62	628.12	-727.13	44.41	-194.41	-17.65

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
53461	75.39	-3.10	-11.67	-378.07	638.19	-763.35	47.20	-225.92	-15.48
53462	74.17	-3.10	-11.67	-458.44	646.96	-797.97	50.89	-257.08	-13.07
53463	72.95	-3.10	-11.67	-548.71	654.48	-830.71	55.60	-286.75	-10.53
53464	71.73	-3.10	-11.67	-648.59	660.83	-861.24	61.41	-313.53	-8.00
53465	70.51	-3.10	-11.67	-757.44	666.03	-889.22	68.35	-335.78	-5.64
53466	69.28	-3.10	-11.67	-874.22	670.09	-914.25	76.40	-351.59	-3.66
53467	68.06	-3.10	-11.67	-997.50	672.88	-935.85	85.41	-358.77	-2.26
53468	66.84	-3.10	-11.67	-1125.43	674.10	-953.40	95.07	-354.81	-1.67
53469	65.62	-3.10	-11.67	-1255.86	673.22	-966.08	104.94	-336.83	-2.09
53470	64.40	-3.10	-11.67	-1386.39	669.35	-972.78	114.28	-301.52	-3.75
53471	63.17	-3.10	-11.67	-1514.67	661.10	-972.12	122.07	-245.10	-6.82
53472	61.95	-3.10	-11.67	-1638.71	646.36	-962.46	126.87	-163.44	-11.48
53473	60.73	-3.10	-11.67	-1757.76	621.87	-941.81	126.67	-52.60	-17.83
53474	59.51	-3.10	-11.67	-1873.96	582.42	-908.45	118.78	89.52	-25.99
53475	77.84	-2.50	-13.00	-286.92	740.55	-668.13	42.15	-116.02	-9.06
53476	76.61	-2.50	-13.00	-363.10	754.26	-705.35	43.77	-137.13	-7.92
53477	75.38	-2.50	-13.00	-452.09	766.49	-742.02	46.20	-158.73	-6.59
53478	74.15	-2.50	-13.00	-554.23	777.33	-778.03	49.58	-180.19	-5.10
53479	72.93	-2.50	-13.00	-669.55	786.89	-813.25	54.03	-200.72	-3.51
53480	71.70	-2.50	-13.00	-797.65	795.28	-847.54	59.63	-219.34	-1.89
53481	70.47	-2.50	-13.00	-937.63	802.64	-880.75	66.43	-234.92	-0.34
53482	69.24	-2.50	-13.00	-1087.97	809.04	-912.69	74.40	-246.07	1.03
53483	68.02	-2.50	-13.00	-1246.40	814.47	-943.13	83.44	-251.18	2.12
53484	66.79	-2.50	-13.00	-1409.83	818.76	-971.75	93.27	-248.29	2.81
53485	65.56	-2.50	-13.00	-1574.15	821.54	-998.10	103.49	-235.04	3.00
53486	64.33	-2.50	-13.00	-1734.10	822.11	-1021.57	113.45	-208.56	2.60
53487	63.11	-2.50	-13.00	-1883.14	819.35	-1041.31	122.22	-165.25	1.55
53488	61.88	-2.50	-13.00	-2013.37	811.51	-1056.14	128.56	-100.69	-0.12
53489	60.65	-2.50	-13.00	-2115.68	796.04	-1064.38	130.85	-9.35	-2.28
53490	59.42	-2.50	-13.00	-2180.63	769.44	-1062.71	127.41	115.62	-4.37
53491	77.84	-3.10	-13.00	-285.52	734.52	-665.42	51.85	-115.18	-7.81
53492	76.62	-3.10	-13.00	-360.59	748.04	-702.51	54.36	-136.00	-6.49
53493	75.39	-3.10	-13.00	-448.20	760.08	-739.06	57.84	-157.33	-4.96
53494	74.17	-3.10	-13.00	-548.68	770.71	-774.98	62.45	-178.53	-3.27
53495	72.95	-3.10	-13.00	-662.05	780.03	-810.12	68.33	-198.84	-1.51
53496	71.73	-3.10	-13.00	-787.94	788.17	-844.37	75.58	-217.31	0.25
53497	70.51	-3.10	-13.00	-925.47	795.24	-877.55	84.25	-232.83	1.89
53498	69.28	-3.10	-13.00	-1073.17	801.34	-909.49	94.33	-244.04	3.28
53499	68.06	-3.10	-13.00	-1228.89	806.49	-939.94	105.68	-249.35	4.27
53500	66.84	-3.10	-13.00	-1389.63	810.58	-968.59	117.99	-246.83	4.74
53501	65.62	-3.10	-13.00	-1551.47	813.32	-995.01	130.80	-234.17	4.54
53502	64.40	-3.10	-13.00	-1709.39	814.12	-1018.57	143.36	-208.48	3.56
53503	63.17	-3.10	-13.00	-1857.17	812.03	-1038.48	154.62	-166.23	1.70
53504	61.95	-3.10	-13.00	-1987.30	805.53	-1053.57	163.10	-102.99	-1.06
53505	60.73	-3.10	-13.00	-2091.14	792.27	-1062.17	166.88	-13.16	-4.60
53506	59.51	-3.10	-13.00	-2159.76	768.80	-1060.95	163.82	110.26	-8.24
53507	77.84	-2.50	-14.33	-301.16	862.86	-655.14	45.62	-60.28	5.08
53508	76.61	-2.50	-14.33	-391.31	878.36	-692.09	47.22	-68.21	5.52
53509	75.38	-2.50	-14.33	-497.90	892.21	-728.93	49.83	-76.38	6.03
53510	74.15	-2.50	-14.33	-621.55	904.55	-765.64	53.62	-84.55	6.60
53511	72.93	-2.50	-14.33	-762.49	915.55	-802.19	58.75	-92.45	7.20
53512	71.70	-2.50	-14.33	-920.44	925.42	-838.55	65.34	-99.72	7.81
53513	70.47	-2.50	-14.33	-1094.47	934.41	-874.69	73.46	-105.94	8.39
53514	69.24	-2.50	-14.33	-1282.82	942.75	-910.57	83.12	-110.57	8.90
53515	68.02	-2.50	-14.33	-1482.72	950.63	-946.14	94.20	-113.01	9.30
53516	66.79	-2.50	-14.33	-1690.10	958.12	-981.33	106.44	-112.46	9.54
53517	65.56	-2.50	-14.33	-1899.28	965.15	-1016.02	119.41	-107.95	9.60
53518	64.33	-2.50	-14.33	-2102.50	971.42	-1050.08	132.41	-98.25	9.45
53519	63.11	-2.50	-14.33	-2289.33	976.31	-1083.27	144.45	-81.74	9.08
53520	61.88	-2.50	-14.33	-2445.83	978.81	-1115.31	154.17	-56.26	8.53
53521	60.65	-2.50	-14.33	-2553.43	977.42	-1145.66	159.94	-18.90	7.96
53522	59.42	-2.50	-14.33	-2587.27	970.11	-1173.61	160.15	34.55	7.17
53523	77.84	-3.10	-14.33	-300.33	852.69	-652.53	62.76	-60.02	6.18
53524	76.62	-3.10	-14.33	-389.16	868.04	-689.32	65.44	-67.84	6.71
53525	75.39	-3.10	-14.33	-494.09	881.75	-726.00	69.33	-75.90	7.32
53526	74.17	-3.10	-14.33	-615.75	893.91	-762.54	74.62	-83.97	7.98
53527	72.95	-3.10	-14.33	-754.36	904.70	-798.94	81.51	-91.79	8.68
53528	71.73	-3.10	-14.33	-909.65	914.32	-835.15	90.12	-99.00	9.37
53529	70.51	-3.10	-14.33	-1080.73	923.01	-871.14	100.57	-105.18	10.02
53530	69.28	-3.10	-14.33	-1265.91	931.02	-906.87	112.83	-109.84	10.57
53531	68.06	-3.10	-14.33	-1462.54	938.55	-942.30	126.79	-112.34	10.97
53532	66.84	-3.10	-14.33	-1666.71	945.74	-977.34	142.15	-111.93	11.18
53533	65.62	-3.10	-14.33	-1872.96	952.59	-1011.91	158.41	-107.64	11.15
53534	64.40	-3.10	-14.33	-2073.86	958.93	-1045.84	174.77	-98.26	10.83
53535	63.17	-3.10	-14.33	-2259.43	964.33	-1078.95	190.09	-82.17	10.23
53536	61.95	-3.10	-14.33	-2416.32	968.02	-1110.93	202.77	-57.24	9.35
53537	60.73	-3.10	-14.33	-2526.66	968.71	-1141.31	210.83	-20.57	8.31
53538	59.51	-3.10	-14.33	-2566.27	964.68	-1169.26	211.92	32.19	6.97
53539	55.01	-2.50	-11.67	-3363.09	-793.12	-3887.00	-48.99	2578.21	-201.14
53540	55.08	-3.10	-11.67	-3368.70	-809.33	-3857.90	7.39	2589.01	-351.13
53541	55.85	-2.50	-11.67	-2893.95	-172.48	-1197.43	-53.41	1356.06	-99.59
53542	55.93	-3.10	-11.67	-2893.03	-180.38	-1186.82	-33.28	1354.93	-151.13
53543	56.70	-2.50	-11.67	-2460.98	139.10	-874.05	-6.67	826.87	-73.10
53544	56.77	-3.10	-11.67	-2457.06	142.91	-871.97	5.88	824.50	-97.76
53545	57.54	-2.50	-11.67	-2203.38	360.66	-808.94	38.21	541.89	-45.75
53546	57.62	-3.10	-11.67	-2194.11	368.83	-810.42	56.15	537.10	-59.54
53547	58.39	-2.50	-11.67	-2026.14	501.29	-856.22	72.76	291.26	-29.16
53548	58.47	-3.10	-11.67	-2010.34	507.24	-858.24	97.62	284.75	-37.95
53549	55.01	-2.50	-13.00	-370.02	28.19	-2095.79	37.19	562.94	-210.30
53550	55.08	-3.10	-13.00	-377.35	4.58	-2087.25	53.83	576.39	-278.25
53551	55.85	-2.50	-13.00	-1693.19	184.39	-1783.74	31.85	1236.48	-59.86
53552	55.93	-3.10	-13.00	-1699.59	178.13	-1775.33	54.19	1238.11	-90.42
53553	56.70	-2.50	-13.00	-2048.21	454.85	-1104.02	51.52	888.77	-21.03
53554	56.77	-3.10	-13.00	-2049.60	457.41	-1101.12	72.70	886.30	-33.91
53555	57.54	-2.50	-13.00	-2160.16	619.00	-1030.11	87.18	571.34	-9.82
53556	57.62	-3.10	-13.00	-2154.50	624.63	-1028.80	116.10	566.19	-17.90
53557	58.39	-2.50	-13.00	-2201.82	716.90	-1046.20	114.47	302.55	-5.96
53558	58.47	-3.10	-13.00	-2187.62	720.08	-1044.87	149.05	296.24	-11.56
53559	55.01	-2.50	-14.33	-139.59	485.88	-1519.53	30.00	10.56	-81.22

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
53560	55.08	-3.10	-14.33	-146.36	456.78	-1514.97	46.19	16.27	-105.14
53561	55.85	-2.50	-14.33	-666.10	750.70	-1513.25	102.60	370.11	-22.35
53562	55.93	-3.10	-14.33	-680.63	742.67	-1508.17	138.31	371.93	-31.13
53563	56.70	-2.50	-14.33	-1537.97	864.87	-1313.86	126.76	443.91	10.35
53564	56.77	-3.10	-14.33	-1549.30	865.79	-1309.78	168.64	442.50	9.22
53565	57.54	-2.50	-14.33	-2162.35	923.11	-1222.42	142.68	273.60	10.95
53566	57.62	-3.10	-14.33	-2163.65	925.85	-1218.64	189.83	270.90	10.83
53567	58.39	-2.50	-14.33	-2483.14	954.40	-1199.58	156.18	124.73	8.09
53568	58.47	-3.10	-14.33	-2471.90	953.74	-1195.39	207.19	121.70	7.75
53569	97.31	-7.26	-11.67	-21.15	257.14	-29.64	52.77	-17.13	-13.14
53570	98.20	-7.26	-11.67	-15.99	227.77	14.64	47.93	-23.31	-13.27
53571	99.09	-7.26	-11.67	-10.02	197.70	55.69	43.15	-24.71	-15.01
53572	99.98	-7.26	-11.67	-3.77	165.90	91.56	38.71	-19.63	-18.62
53573	100.87	-7.26	-11.67	4.30	132.52	120.71	33.93	-10.68	-23.92
53574	97.69	-6.18	-11.67	-22.39	259.35	-22.62	46.99	-17.83	-10.07
53575	98.57	-6.18	-11.67	-17.15	230.11	20.25	42.53	-23.46	-9.81
53576	99.44	-6.18	-11.67	-11.34	200.17	59.97	38.12	-23.98	-10.93
53577	100.32	-6.18	-11.67	-5.36	168.72	94.67	33.85	-17.90	-13.79
53578	101.20	-6.17	-11.67	2.14	135.55	122.85	29.45	-8.39	-17.90
53579	98.01	-5.08	-11.67	-23.43	261.95	-17.97	41.25	-18.13	-7.66
53580	98.87	-5.08	-11.67	-18.16	232.71	23.82	37.17	-23.31	-6.89
53581	99.74	-5.08	-11.67	-12.50	202.84	62.54	33.04	-23.19	-7.29
53582	100.60	-5.07	-11.67	-6.85	171.56	96.34	28.97	-16.48	-9.11
53583	101.47	-5.07	-11.67	0.30	138.62	123.66	24.83	-6.45	-11.79
53584	98.27	-3.96	-11.67	-24.27	264.72	-15.38	35.41	-17.96	-5.75
53585	99.12	-3.96	-11.67	-19.01	235.35	25.65	31.71	-22.83	-4.34
53586	99.98	-3.96	-11.67	-13.51	205.45	63.72	27.87	-22.37	-3.88
53587	100.83	-3.96	-11.67	-8.22	174.21	96.86	23.95	-15.25	-4.51
53588	101.69	-3.96	-11.67	-1.25	141.51	123.40	20.09	-4.97	-5.86
53589	97.31	-7.26	-13.00	-25.74	331.19	-31.54	68.49	-19.43	-4.52
53590	98.20	-7.26	-13.00	-17.03	299.36	15.98	63.20	-23.69	-4.87
53591	99.09	-7.26	-13.00	-6.96	266.77	62.12	57.86	-24.91	-6.13
53592	99.98	-7.26	-13.00	1.26	231.80	105.17	53.23	-20.63	-8.63
53593	100.87	-7.26	-13.00	7.65	192.49	135.28	49.40	-8.39	-14.51
53594	97.69	-6.18	-13.00	-26.75	334.07	-25.23	61.01	-19.60	-2.38
53595	98.57	-6.18	-13.00	-18.08	302.68	21.20	56.01	-23.62	-2.45
53596	99.44	-6.18	-13.00	-8.52	270.55	66.27	50.98	-24.26	-3.27
53597	100.32	-6.18	-13.00	-1.06	236.12	108.21	46.49	-19.08	-5.38
53598	101.20	-6.17	-13.00	4.55	196.68	137.93	42.62	-6.65	-9.80
53599	98.01	-5.08	-13.00	-27.79	337.24	-21.30	54.19	-19.95	-0.77
53600	98.87	-5.08	-13.00	-19.21	306.07	24.30	49.47	-23.69	-0.50
53601	99.74	-5.08	-13.00	-10.01	274.16	68.57	44.71	-23.88	-0.89
53602	100.60	-5.07	-13.00	-3.13	239.97	109.75	40.31	-18.23	-2.29
53603	101.47	-5.07	-13.00	1.81	200.93	138.56	36.28	-5.25	-4.70
53604	98.27	-3.96	-13.00	-28.66	341.19	-19.13	46.77	-20.45	0.11
53605	99.12	-3.96	-13.00	-20.18	309.97	25.88	42.38	-23.95	0.83
53606	99.98	-3.96	-13.00	-11.19	278.04	69.62	37.85	-23.93	1.00
53607	100.83	-3.96	-13.00	-4.75	243.89	110.38	33.40	-18.12	0.51
53608	101.69	-3.96	-13.00	-0.44	205.94	137.67	29.29	-4.43	-0.33
53609	97.31	-7.26	-14.33	-35.26	409.11	-32.36	83.53	-20.22	4.66
53610	98.20	-7.26	-14.33	-19.01	375.99	16.57	76.79	-21.26	4.18
53611	99.09	-7.26	-14.33	-0.67	342.01	64.90	70.13	-22.13	3.79
53612	99.98	-7.26	-14.33	17.31	306.43	113.27	63.48	-21.92	3.47
53613	100.87	-7.26	-14.33	27.39	265.49	151.90	58.22	-14.45	0.51
53614	97.69	-6.18	-14.33	-35.55	411.22	-26.51	76.11	-18.61	5.09
53615	98.57	-6.18	-14.33	-19.66	378.81	21.56	69.60	-19.85	4.74
53616	99.44	-6.18	-14.33	-1.87	345.69	69.12	63.11	-20.54	4.55
53617	100.32	-6.18	-14.33	14.30	310.97	116.55	56.95	-19.68	3.96
53618	101.20	-6.17	-14.33	22.07	268.61	154.77	52.32	-11.97	2.43
53619	98.01	-5.08	-14.33	-36.39	413.63	-22.73	68.58	-18.73	5.80
53620	98.87	-5.08	-14.33	-20.65	381.69	24.68	62.31	-19.92	5.57
53621	99.74	-5.08	-14.33	-3.35	349.04	71.60	56.12	-20.43	5.48
53622	100.60	-5.07	-14.33	12.07	314.43	118.37	50.62	-19.41	4.91
53623	101.47	-5.07	-14.33	18.93	272.52	155.88	44.88	-11.32	5.38
53624	98.27	-3.96	-14.33	-37.70	416.31	-21.01	61.99	-20.80	6.88
53625	99.12	-3.96	-14.33	-21.91	384.56	25.94	55.88	-21.82	6.75
53626	99.98	-3.96	-14.33	-4.83	351.89	72.36	49.94	-22.24	6.88
53627	100.83	-3.96	-14.33	10.81	317.21	118.82	44.52	-21.47	6.36
53628	101.69	-3.96	-14.33	17.87	276.79	155.06	38.35	-13.01	8.93
53629	79.06	-3.95	-11.67	-193.63	594.94	-646.86	51.25	-132.30	-19.01
53630	79.05	-5.05	-11.67	-190.02	582.40	-641.80	64.06	-129.76	-16.84
53631	79.04	-6.15	-11.67	-184.73	568.52	-637.20	76.28	-126.73	-15.68
53632	79.03	-7.25	-11.67	-177.88	553.55	-633.66	87.87	-123.26	-16.13
53633	80.27	-3.95	-11.67	-151.80	581.05	-607.67	49.72	-105.35	-20.40
53634	80.24	-5.05	-11.67	-149.68	569.02	-603.06	61.76	-103.80	-18.53
53635	80.21	-6.15	-11.67	-146.18	555.75	-599.02	73.28	-101.90	-17.59
53636	80.18	-7.25	-11.67	-141.38	541.50	-596.11	84.25	-99.65	-18.14
53637	81.48	-3.95	-11.67	-117.70	565.83	-567.87	48.67	-80.73	-21.36
53638	81.44	-5.06	-11.67	-116.63	554.32	-563.77	60.02	-80.06	-19.77
53639	81.39	-6.16	-11.67	-114.41	541.68	-560.35	70.91	-79.16	-19.04
53640	81.33	-7.25	-11.67	-111.10	528.15	-558.17	81.33	-77.99	-19.71
53641	82.69	-3.95	-11.67	-90.60	549.32	-527.61	47.96	-58.73	-21.91
53642	82.63	-5.06	-11.67	-90.22	538.36	-524.06	58.70	-58.82	-20.56
53643	82.56	-6.16	-11.67	-88.85	526.37	-521.33	69.02	-58.77	-20.04
53644	82.48	-7.25	-11.67	-86.55	513.60	-519.93	78.93	-58.54	-20.84
53645	83.90	-3.95	-11.67	-69.74	531.62	-487.03	47.48	-39.57	-22.05
53646	83.83	-5.06	-11.67	-69.74	521.24	-484.07	57.69	-40.28	-20.93
53647	83.74	-6.16	-11.67	-68.86	509.92	-482.05	67.49	-40.93	-20.59
53648	83.63	-7.25	-11.67	-67.16	497.93	-481.47	76.92	-41.45	-21.54
53649	85.12	-3.95	-11.67	-54.29	512.82	-446.25	47.16	-23.38	-21.83
53650	85.03	-5.06	-11.67	-54.44	503.06	-443.89	56.86	-24.56	-20.90
53651	84.91	-6.16	-11.67	-53.77	492.45	-442.60	66.18	-25.74	-20.74
53652	84.78	-7.26	-11.67	-52.35	481.26	-442.85	75.16	-26.85	-21.83
53653	86.33	-3.96	-11.67	-43.46	493.04	-405.37	46.92	-10.21	-21.28
53654	86.22	-5.06	-11.67	-43.57	483.92	-403.62	56.16	-11.72	-20.52
53655	86.09	-6.16	-11.67	-42.91	474.07	-403.06	65.01	-13.27	-20.52
53656	85.93	-7.26	-11.67	-41.52	463.70	-404.13	73.57	-14.79	-21.74
53657	87.54	-3.96	-11.67	-36.41	472.39	-364.48	46.69	-0.06	-20.45
53658	87.42	-5.07	-11.67	-36.39	463.96	-363.33	55.50	-1.76	-19.84

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
53659	87.26	-6.17	-11.67	-35.60	454.88	-363.48	63.93	-3.52	-19.98
53660	87.08	-7.26	-11.67	-34.10	445.37	-365.37	72.07	-5.26	-21.32
53661	88.75	-3.96	-11.67	-32.34	450.97	-323.67	46.45	7.11	-19.36
53662	88.61	-5.07	-11.67	-32.13	443.25	-323.10	54.86	5.37	-18.91
53663	88.44	-6.17	-11.67	-31.16	434.98	-323.96	62.89	3.57	-19.18
53664	88.23	-7.26	-11.67	-29.49	426.36	-326.62	70.65	1.78	-20.64
53665	89.96	-3.96	-11.67	-30.48	428.90	-283.03	46.12	11.38	-18.08
53666	89.81	-5.07	-11.67	-30.06	421.90	-283.05	54.18	9.72	-17.79
53667	89.61	-6.17	-11.67	-28.91	414.46	-284.60	61.85	8.05	-18.21
53668	89.38	-7.26	-11.67	-27.06	406.75	-288.02	69.27	6.40	-19.79
53669	91.18	-3.96	-11.67	-30.09	406.30	-242.70	45.64	12.85	-16.63
53670	91.00	-5.07	-11.67	-29.47	400.00	-243.30	53.38	11.39	-16.54
53671	90.79	-6.17	-11.67	-28.15	393.38	-245.55	60.75	10.00	-17.16
53672	90.53	-7.26	-11.67	-26.19	386.59	-249.74	67.88	8.67	-18.88
53673	92.39	-3.96	-11.67	-30.45	383.32	-202.87	44.92	11.70	-15.02
53674	92.20	-5.07	-11.67	-29.66	377.69	-204.04	52.37	10.52	-15.19
53675	91.96	-6.17	-11.67	-28.23	371.86	-207.01	59.47	9.52	-16.07
53676	91.68	-7.26	-11.67	-26.20	365.98	-212.01	66.36	8.67	-18.01
53677	93.60	-3.96	-11.67	-30.93	360.11	-163.79	43.89	8.24	-13.28
53678	93.39	-5.08	-11.67	-30.00	355.12	-165.51	51.04	7.37	-13.75
53679	93.14	-6.18	-11.67	-28.50	350.04	-169.17	57.89	6.78	-14.94
53680	92.83	-7.26	-11.67	-26.47	345.05	-175.02	64.57	6.44	-17.18
53681	94.81	-3.96	-11.67	-30.94	336.86	-125.78	42.47	2.88	-11.43
53682	94.59	-5.08	-11.67	-29.93	332.49	-127.99	49.30	2.31	-12.22
53683	94.31	-6.18	-11.67	-28.45	328.13	-132.28	55.89	2.11	-13.73
53684	93.98	-7.26	-11.67	-26.50	324.01	-138.91	62.35	2.22	-16.25
53685	96.02	-3.96	-11.67	-30.00	313.72	-89.09	40.62	-3.78	-9.52
53686	95.78	-5.08	-11.67	-29.01	309.96	-91.69	47.13	-4.10	-10.64
53687	95.49	-6.18	-11.67	-27.62	306.31	-96.46	53.45	-3.97	-12.45
53688	95.13	-7.26	-11.67	-25.86	303.00	-103.69	59.71	-3.51	-15.17
53689	97.23	-3.96	-11.67	-27.97	290.75	-53.83	38.37	-10.89	-7.65
53690	96.98	-5.08	-11.67	-27.05	287.62	-56.70	44.58	-11.04	-9.13
53691	96.66	-6.18	-11.67	-25.84	284.66	-61.79	50.64	-10.69	-11.21
53692	96.28	-7.26	-11.67	-24.35	282.12	-69.39	56.70	-9.96	-14.08
53693	79.06	-3.95	-13.00	-220.30	710.44	-624.23	63.36	-94.04	-6.58
53694	79.05	-5.05	-13.00	-215.88	697.55	-618.92	79.20	-91.77	-4.07
53695	79.04	-6.15	-13.00	-209.22	684.29	-613.42	93.87	-89.72	-2.67
53696	79.03	-7.25	-13.00	-200.68	669.83	-608.47	108.75	-87.78	-2.53
53697	80.27	-3.95	-13.00	-169.52	694.20	-586.66	61.45	-76.00	-7.61
53698	80.24	-5.05	-13.00	-166.92	681.81	-581.81	76.27	-74.38	-5.32
53699	80.21	-6.15	-13.00	-162.44	669.17	-576.89	90.02	-73.06	-4.09
53700	80.18	-7.25	-13.00	-156.39	655.44	-572.65	104.11	-71.91	-4.03
53701	81.48	-3.95	-13.00	-128.63	676.50	-548.85	60.17	-59.57	-8.35
53702	81.44	-5.06	-13.00	-127.32	664.62	-544.48	74.08	-58.52	-6.28
53703	81.39	-6.16	-13.00	-124.41	652.59	-540.18	87.01	-57.86	-5.21
53704	81.33	-7.25	-13.00	-120.16	639.60	-536.68	100.38	-57.42	-5.25
53705	82.69	-3.95	-13.00	-96.67	657.41	-510.85	59.36	-44.94	-8.82
53706	82.63	-5.06	-13.00	-96.20	646.07	-507.00	72.46	-44.39	-6.94
53707	82.56	-6.16	-13.00	-94.32	634.67	-503.34	84.64	-44.29	-6.02
53708	82.48	-7.25	-13.00	-91.29	622.42	-500.60	97.34	-44.47	-6.18
53709	83.90	-3.95	-13.00	-72.61	637.05	-472.73	58.87	-32.24	-9.02
53710	83.83	-5.06	-13.00	-72.61	626.26	-469.40	71.25	-32.10	-7.31
53711	83.74	-6.16	-13.00	-71.32	615.52	-466.39	82.74	-32.47	-6.55
53712	83.63	-7.25	-13.00	-69.01	604.02	-464.43	94.82	-33.16	-6.82
53713	85.12	-3.95	-13.00	-55.39	615.53	-434.53	58.60	-21.55	-8.97
53714	85.03	-5.06	-13.00	-55.56	605.35	-431.73	70.32	-21.72	-7.41
53715	84.91	-6.16	-13.00	-54.52	595.29	-429.38	81.17	-22.46	-6.79
53716	84.78	-7.26	-13.00	-52.51	584.56	-428.19	92.65	-23.56	-7.18
53717	86.33	-3.96	-13.00	-43.94	593.01	-396.29	58.46	-12.90	-8.70
53718	86.22	-5.06	-13.00	-44.07	583.46	-394.02	69.56	-13.30	-7.28
53719	86.09	-6.16	-13.00	-43.01	574.13	-392.32	79.79	-14.30	-6.77
53720	85.93	-7.26	-13.00	-41.00	564.19	-391.90	90.68	-15.72	-7.26
53721	87.54	-3.96	-13.00	-37.18	569.61	-358.05	58.36	-6.29	-8.24
53722	87.42	-5.07	-13.00	-37.14	560.75	-356.30	68.89	-6.82	-6.93
53723	87.26	-6.17	-13.00	-35.91	552.18	-355.23	78.53	-7.99	-6.52
53724	87.08	-7.26	-13.00	-33.71	543.08	-355.55	88.84	-9.63	-7.09
53725	88.75	-3.96	-13.00	-34.05	545.49	-319.83	58.24	-1.71	-7.61
53726	88.61	-5.07	-13.00	-33.78	537.33	-318.60	68.26	-2.28	-6.41
53727	88.44	-6.17	-13.00	-32.32	529.58	-318.16	77.35	-3.50	-6.09
53728	88.23	-7.26	-13.00	-29.86	521.37	-319.19	87.08	-5.26	-6.70
53729	89.96	-3.96	-13.00	-33.51	520.76	-281.69	58.04	0.91	-6.85
53730	89.81	-5.07	-13.00	-33.00	513.32	-280.97	67.62	0.40	-5.78
53731	89.61	-6.17	-13.00	-31.35	506.40	-281.16	76.23	-0.76	-5.55
53732	89.38	-7.26	-13.00	-28.67	499.12	-282.87	85.42	-2.51	-6.17
53733	91.18	-3.96	-13.00	-34.54	495.58	-243.68	57.68	1.62	-5.99
53734	91.00	-5.07	-13.00	-33.83	488.80	-243.48	66.87	1.26	-5.10
53735	90.79	-6.17	-13.00	-32.06	482.68	-244.31	75.11	0.30	-5.00
53736	90.53	-7.26	-13.00	-29.32	476.33	-246.73	83.87	-1.28	-5.67
53737	92.39	-3.96	-13.00	-36.21	470.10	-205.89	57.04	0.57	-5.05
53738	92.20	-5.07	-13.00	-35.35	463.92	-206.22	65.92	0.41	-4.39
53739	91.96	-6.17	-13.00	-33.53	458.49	-207.72	73.87	-0.26	-4.53
53740	91.68	-7.26	-13.00	-30.91	453.00	-210.94	82.35	-1.49	-5.38
53741	93.60	-3.96	-13.00	-37.69	444.52	-168.44	56.03	-2.02	-4.04
53742	93.39	-5.08	-13.00	-36.72	438.85	-169.31	64.62	-1.96	-3.66
53743	93.14	-6.18	-13.00	-34.94	434.00	-171.50	72.34	-2.31	-4.12
53744	92.83	-7.26	-13.00	-32.53	429.20	-175.62	80.64	-3.13	-5.33
53745	94.81	-3.96	-13.00	-38.25	419.04	-131.52	54.59	-5.81	-2.99
53746	94.59	-5.08	-13.00	-37.23	413.83	-132.90	62.88	-5.53	-2.93
53747	94.31	-6.18	-13.00	-35.58	409.48	-135.78	70.38	-5.59	-3.74
53748	93.98	-7.26	-13.00	-33.49	405.27	-140.82	78.50	-6.06	-5.35
53749	96.02	-3.96	-13.00	-37.29	393.82	-95.33	52.65	-10.35	-1.95
53750	95.78	-5.08	-13.00	-36.29	389.08	-97.18	60.66	-9.92	-2.21
53751	95.49	-6.18	-13.00	-34.83	385.23	-100.71	67.92	-9.73	-3.35
53752	95.13	-7.26	-13.00	-33.13	381.59	-106.60	75.86	-9.89	-5.25
53753	97.23	-3.96	-13.00	-34.24	369.06	-59.66	50.15	-15.36	-0.93
53754	96.98	-5.08	-13.00	-33.31	364.82	-61.92	57.88	-14.84	-1.49
53755	96.66	-6.18	-13.00	-32.09	361.51	-66.00	64.93	-14.48	-2.88
53756	96.28	-7.26	-13.00	-30.75	358.52	-72.58	72.65	-14.41	-4.92
53757	79.06	-3.95	-14.33	-225.07	823.35	-612.10	76.60	-48.66	6.12



Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
53758	79.05	-5.05	-14.33	-219.89	813.32	-606.47	92.60	-45.81	6.47
53759	79.04	-6.15	-14.33	-212.23	803.05	-600.87	109.08	-45.26	7.19
53760	79.03	-7.25	-14.33	-202.30	792.36	-595.46	124.53	-46.96	8.14
53761	80.27	-3.95	-14.33	-166.90	804.91	-575.45	74.70	-41.95	5.70
53762	80.24	-5.05	-14.33	-163.83	795.32	-570.30	89.45	-39.34	5.96
53763	80.21	-6.15	-14.33	-158.69	785.58	-565.30	104.81	-39.07	6.61
53764	80.18	-7.25	-14.33	-151.63	775.51	-560.61	119.32	-41.07	7.53
53765	81.48	-3.95	-14.33	-121.11	784.83	-538.75	73.57	-35.86	5.38
53766	81.44	-5.06	-14.33	-119.52	775.69	-534.08	87.22	-33.46	5.56
53767	81.39	-6.16	-14.33	-116.16	766.48	-529.70	101.58	-33.45	6.15
53768	81.33	-7.25	-14.33	-111.15	757.04	-525.74	115.21	-35.72	7.02
53769	82.69	-3.95	-14.33	-86.41	763.21	-502.01	73.01	-30.45	5.17
53770	82.63	-5.06	-14.33	-85.75	754.55	-497.83	85.68	-28.25	5.27
53771	82.56	-6.16	-14.33	-83.53	745.90	-494.07	99.13	-28.46	5.80
53772	82.48	-7.25	-14.33	-79.85	737.07	-490.85	111.96	-30.97	6.61
53773	83.90	-3.95	-14.33	-61.46	740.18	-465.25	72.84	-25.78	5.06
53774	83.83	-5.06	-14.33	-61.27	732.05	-461.56	84.64	-23.73	5.09
53775	83.74	-6.16	-14.33	-59.66	723.97	-458.42	97.26	-24.13	5.55
53776	83.63	-7.25	-14.33	-56.70	715.78	-455.95	109.31	-26.84	6.31
53777	85.12	-3.95	-14.33	-44.85	715.92	-428.48	72.94	-21.87	5.04
53778	85.03	-5.06	-14.33	-44.79	708.34	-425.28	83.93	-19.94	5.00
53779	84.91	-6.16	-14.33	-43.36	700.88	-422.76	95.77	-20.49	5.42
53780	84.78	-7.26	-14.33	-40.65	693.36	-421.03	107.07	-23.38	6.12
53781	86.33	-3.96	-14.33	-35.21	690.58	-391.69	73.16	-18.72	5.10
53782	86.22	-5.06	-14.33	-35.01	683.62	-388.98	83.41	-16.88	5.01
53783	86.09	-6.16	-14.33	-33.46	676.83	-387.09	94.49	-17.54	5.38
53784	85.93	-7.26	-14.33	-30.61	669.99	-386.09	105.05	-20.58	6.03
53785	87.54	-3.96	-14.33	-31.15	664.37	-354.91	73.41	-16.34	5.24
53786	87.42	-5.07	-14.33	-30.66	658.06	-352.69	82.97	-14.55	5.10
53787	87.26	-6.17	-14.33	-28.80	652.00	-351.40	93.31	-15.30	5.43
53788	87.08	-7.26	-14.33	-25.55	645.92	-351.14	103.11	-18.46	6.07
53789	88.75	-3.96	-14.33	-31.31	637.46	-318.13	73.62	-14.72	5.43
53790	88.61	-5.07	-14.33	-30.47	631.84	-316.39	82.53	-12.95	5.25
53791	88.44	-6.17	-14.33	-28.23	626.56	-315.72	92.19	-13.74	5.57
53792	88.23	-7.26	-14.33	-24.50	621.35	-316.16	101.17	-17.00	6.21
53793	89.96	-3.96	-14.33	-34.32	610.02	-281.36	73.70	-13.84	5.68
53794	89.81	-5.07	-14.33	-33.15	605.09	-280.11	82.05	-12.05	5.44
53795	89.61	-6.17	-14.33	-30.60	600.63	-280.05	91.08	-12.84	5.74
53796	89.38	-7.26	-14.33	-26.48	596.40	-281.19	99.27	-16.16	6.43
53797	91.18	-3.96	-14.33	-38.86	582.23	-244.63	73.56	-13.68	5.96
53798	91.00	-5.07	-14.33	-37.44	577.93	-243.87	81.44	-11.84	5.65
53799	90.79	-6.17	-14.33	-34.74	574.23	-244.42	89.98	-12.56	5.90
53800	90.53	-7.26	-14.33	-30.52	571.01	-246.27	97.51	-15.85	6.64
53801	92.39	-3.96	-14.33	-43.69	554.29	-207.93	73.09	-14.20	6.26
53802	92.20	-5.07	-14.33	-42.11	550.52	-207.67	80.60	-12.28	5.86
53803	91.96	-6.17	-14.33	-39.46	547.42	-208.86	88.80	-12.88	6.00
53804	91.68	-7.26	-14.33	-35.53	545.02	-211.45	95.94	-16.02	6.69
53805	93.60	-3.96	-14.33	-47.70	526.43	-171.32	72.18	-15.31	6.60
53806	93.39	-5.08	-14.33	-46.06	523.07	-171.55	79.39	-13.29	6.06
53807	93.14	-6.18	-14.33	-43.60	520.34	-173.39	87.38	-13.76	6.05
53808	92.83	-7.26	-14.33	-40.27	518.35	-176.79	94.40	-16.70	6.52
53809	94.81	-3.96	-14.33	-49.97	498.85	-134.83	70.78	-16.82	6.93
53810	94.59	-5.08	-14.33	-48.38	495.80	-135.57	77.73	-14.71	6.24
53811	94.31	-6.18	-14.33	-46.28	493.30	-138.06	85.57	-15.07	6.04
53812	93.98	-7.26	-14.33	-43.70	491.44	-142.29	92.58	-17.82	6.24
53813	96.02	-3.96	-14.33	-49.95	471.69	-98.58	68.84	-18.45	7.24
53814	95.78	-5.08	-14.33	-48.46	468.88	-99.80	75.59	-16.28	6.35
53815	95.49	-6.18	-14.33	-46.84	466.53	-102.95	83.38	-16.49	5.94
53816	95.13	-7.26	-14.33	-45.20	464.75	-108.03	90.47	-19.02	5.89
53817	97.23	-3.96	-14.33	-47.42	445.04	-62.63	66.47	-19.75	7.20
53818	96.98	-5.08	-14.33	-46.00	442.43	-64.33	73.11	-17.57	6.15
53819	96.66	-6.18	-14.33	-44.94	440.18	-68.14	80.87	-17.61	5.55
53820	96.28	-7.26	-14.33	-44.38	438.41	-74.06	88.26	-19.73	5.28
53821	59.67	-3.96	-11.67	-1831.11	583.48	-913.02	162.06	76.65	-35.51
53822	59.92	-5.08	-11.67	-1754.47	580.50	-921.85	222.87	53.39	-50.31
53823	60.24	-6.18	-11.67	-1649.59	567.26	-933.57	282.95	21.67	-66.40
53824	60.62	-7.26	-11.67	-1519.90	541.65	-946.86	334.08	-17.12	-81.56
53825	60.88	-3.96	-11.67	-1712.86	616.81	-944.42	168.14	-61.86	-23.36
53826	61.12	-5.08	-11.67	-1636.60	605.63	-949.81	222.92	-78.28	-32.45
53827	61.41	-6.18	-11.67	-1537.76	585.89	-957.04	273.84	-100.08	-42.93
53828	61.77	-7.26	-11.67	-1419.96	557.35	-965.17	315.64	-126.13	-53.94
53829	62.09	-3.96	-11.67	-1594.05	637.36	-963.46	165.67	-169.03	-13.97
53830	62.31	-5.08	-11.67	-1520.56	621.38	-966.18	214.80	-179.03	-18.88
53831	62.59	-6.18	-11.67	-1428.47	598.54	-970.14	258.74	-192.25	-25.52
53832	62.92	-7.26	-11.67	-1321.30	569.27	-974.80	293.98	-207.83	-33.74
53833	63.30	-3.96	-11.67	-1471.92	649.81	-971.85	157.87	-247.43	-7.02
53834	63.51	-5.08	-11.67	-1402.92	631.33	-972.56	201.96	-251.94	-8.90
53835	63.76	-6.18	-11.67	-1318.26	607.37	-974.21	240.47	-258.19	-12.85
53836	64.07	-7.26	-11.67	-1221.19	578.70	-976.51	271.13	-265.65	-19.14
53837	64.51	-3.96	-11.67	-1346.70	656.89	-971.52	146.99	-301.16	-2.28
53838	64.70	-5.07	-11.67	-1283.36	637.39	-970.73	186.60	-301.27	-1.97
53839	64.94	-6.17	-11.67	-1206.61	613.44	-970.71	220.79	-302.07	-3.98
53840	65.22	-7.26	-11.67	-1119.29	585.86	-971.37	248.05	-303.34	-8.75
53841	65.72	-3.96	-11.67	-1219.94	660.34	-964.04	134.62	-334.38	0.56
53842	65.90	-5.07	-11.67	-1162.99	640.70	-962.08	170.22	-331.12	2.40
53843	66.11	-6.17	-11.67	-1094.45	617.38	-960.79	200.81	-327.82	1.82
53844	66.37	-7.26	-11.67	-1016.80	591.15	-960.22	225.30	-324.39	-1.74
53845	66.94	-3.96	-11.67	-1093.69	661.24	-950.73	121.86	-350.85	1.76
53846	67.09	-5.07	-11.67	-1043.48	642.01	-947.81	153.86	-345.15	4.66
53847	67.29	-6.17	-11.67	-983.26	619.63	-945.47	181.38	-338.89	5.10
53848	67.52	-7.26	-11.67	-915.22	594.90	-943.86	203.68	-332.11	2.46
53849	68.15	-3.96	-11.67	-970.06	660.31	-932.63	109.49	-353.81	1.62
53850	68.29	-5.07	-11.67	-926.68	641.75	-928.89	138.25	-346.51	5.17
53851	68.46	-6.17	-11.67	-874.66	620.47	-925.65	163.15	-338.29	6.32
53852	68.67	-7.26	-11.67	-815.88	597.16	-923.12	183.64	-329.28	4.37
53853	69.36	-3.96	-11.67	-851.03	657.95	-910.57	98.02	-346.09	0.41
53854	69.48	-5.07	-11.67	-814.29	640.19	-906.13	123.90	-337.89	4.31
53855	69.64	-6.17	-11.67	-770.14	620.00	-902.10	146.51	-328.57	5.90
53856	69.82	-7.26	-11.67	-720.15	598.02	-898.78	165.47	-318.32	4.47

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
53857	70.57	-3.96	-11.67	-738.29	654.37	-885.17	87.75	-330.12	-1.58
53858	70.68	-5.06	-11.67	-707.80	637.43	-880.15	111.09	-321.64	2.43
53859	70.81	-6.16	-11.67	-671.02	618.30	-875.47	131.72	-311.94	4.27
53860	70.97	-7.26	-11.67	-629.19	597.53	-871.50	149.36	-301.26	3.21
53861	71.78	-3.95	-11.67	-633.16	649.64	-856.90	78.85	-308.03	-4.10
53862	71.87	-5.06	-11.67	-608.42	633.48	-851.44	99.95	-299.75	-0.15
53863	71.99	-6.16	-11.67	-578.35	615.32	-846.28	118.86	-290.26	1.79
53864	72.12	-7.26	-11.67	-543.94	595.64	-841.84	135.35	-279.80	1.01
53865	73.00	-3.95	-11.67	-536.61	643.74	-826.18	71.33	-281.65	-6.88
53866	73.07	-5.06	-11.67	-517.00	628.32	-820.43	90.50	-273.96	-3.13
53867	73.16	-6.16	-11.67	-492.92	611.03	-814.95	107.91	-265.12	-1.19
53868	73.27	-7.25	-11.67	-465.12	592.31	-810.24	123.37	-255.35	-1.77
53869	74.21	-3.95	-11.67	-449.24	636.63	-793.35	65.15	-252.56	-9.74
53870	74.27	-5.06	-11.67	-434.11	621.87	-787.47	82.65	-245.72	-6.26
53871	74.34	-6.16	-11.67	-415.25	605.37	-781.86	98.73	-237.83	-4.39
53872	74.42	-7.25	-11.67	-393.23	587.50	-777.04	113.27	-229.09	-4.84
53873	75.42	-3.95	-11.67	-371.35	628.25	-758.73	60.20	-222.08	-12.49
53874	75.46	-5.06	-11.67	-360.03	614.10	-752.86	76.25	-216.25	-9.32
53875	75.51	-6.16	-11.67	-345.62	598.30	-747.29	91.18	-209.51	-7.59
53876	75.57	-7.25	-11.67	-328.56	581.21	-742.56	104.88	-202.01	-7.96
53877	76.63	-3.95	-11.67	-302.96	618.53	-722.60	56.34	-191.31	-15.01
53878	76.66	-5.05	-11.67	-294.79	604.94	-716.90	71.14	-186.58	-12.18
53879	76.69	-6.15	-11.67	-284.11	589.81	-711.52	85.05	-181.08	-10.61
53880	76.72	-7.25	-11.67	-271.18	573.44	-707.04	97.98	-174.92	-10.96
53881	77.84	-3.95	-11.67	-243.85	607.44	-685.24	53.40	-161.15	-17.21
53882	77.85	-5.05	-11.67	-238.25	594.39	-679.80	67.13	-157.53	-14.71
53883	77.86	-6.15	-11.67	-230.57	579.89	-674.76	80.14	-153.29	-13.34
53884	77.87	-7.25	-11.67	-221.03	564.21	-670.68	92.39	-148.48	-13.71
53885	59.67	-3.96	-13.00	-2116.38	765.16	-1059.41	219.67	98.68	-13.87
53886	59.92	-5.08	-13.00	-2039.56	752.13	-1057.27	294.44	77.83	-23.88
53887	60.24	-6.18	-13.00	-1934.54	726.96	-1055.05	365.35	48.72	-36.12
53888	60.62	-7.26	-13.00	-1804.13	687.47	-1052.83	425.31	13.00	-47.79
53889	60.88	-3.96	-13.00	-2042.59	783.63	-1059.51	220.08	-21.16	-7.39
53890	61.12	-5.08	-13.00	-1960.66	764.67	-1055.36	288.00	-35.10	-12.93
53891	61.41	-6.18	-13.00	-1854.45	735.99	-1050.53	349.35	-54.28	-20.43
53892	61.77	-7.26	-13.00	-1727.48	696.62	-1045.37	399.72	-77.59	-28.42
53893	62.09	-3.96	-13.00	-1937.04	793.78	-1050.07	212.76	-107.76	-1.69
53894	62.31	-5.08	-13.00	-1854.65	771.73	-1044.57	274.04	-115.98	-4.08
53895	62.59	-6.18	-13.00	-1751.26	742.11	-1038.16	327.59	-127.55	-8.51
53896	62.92	-7.26	-13.00	-1630.70	704.48	-1031.35	370.75	-141.73	-14.17
53897	63.30	-3.96	-13.00	-1807.87	798.61	-1034.43	200.40	-168.35	2.66
53898	63.51	-5.08	-13.00	-1728.44	775.35	-1028.12	255.58	-172.07	2.45
53899	63.76	-6.18	-13.00	-1630.77	746.27	-1020.83	302.81	-177.91	0.05
53900	64.07	-7.26	-13.00	-1518.64	711.17	-1013.16	340.76	-185.47	-4.17
53901	64.51	-3.96	-13.00	-1662.91	800.03	-1014.19	185.20	-208.53	5.66
53902	64.70	-5.07	-13.00	-1588.78	776.75	-1007.42	234.87	-208.83	6.95
53903	64.94	-6.17	-13.00	-1498.72	748.95	-999.68	276.94	-210.44	5.92
53904	65.22	-7.26	-13.00	-1396.18	716.42	-991.65	310.93	-213.20	2.75
53905	65.72	-3.96	-13.00	-1508.99	799.19	-990.42	168.79	-232.66	7.43
53906	65.90	-5.07	-13.00	-1441.62	776.59	-983.39	213.48	-230.46	9.76
53907	66.11	-6.17	-13.00	-1360.31	750.41	-975.45	251.19	-229.00	9.71
53908	66.37	-7.26	-13.00	-1268.17	720.38	-967.30	281.90	-228.24	7.35
53909	66.94	-3.96	-13.00	-1351.83	796.80	-963.88	152.33	-244.23	8.13
53910	67.09	-5.07	-13.00	-1292.02	775.24	-956.71	192.52	-240.26	11.16
53911	67.29	-6.17	-13.00	-1220.04	750.82	-948.68	226.47	-236.65	11.82
53912	67.52	-7.26	-13.00	-1138.70	723.26	-940.51	254.55	-233.41	10.11
53913	68.15	-3.96	-13.00	-1196.06	793.25	-935.16	136.61	-246.03	7.96
53914	68.29	-5.07	-13.00	-1144.10	772.88	-927.91	172.76	-240.90	11.43
53915	68.46	-6.17	-13.00	-1081.57	750.23	-919.86	203.46	-235.86	12.61
53916	68.67	-7.26	-13.00	-1010.92	724.90	-911.70	229.37	-230.97	11.43
53917	69.36	-3.96	-13.00	-1045.32	788.72	-904.67	122.15	-240.33	7.08
53918	69.48	-5.07	-13.00	-1001.12	769.57	-897.40	154.70	-234.54	10.80
53919	69.64	-6.17	-13.00	-947.81	748.55	-889.37	182.57	-228.68	12.32
53920	69.82	-7.26	-13.00	-887.46	725.20	-881.27	206.62	-222.80	11.56
53921	70.57	-3.96	-13.00	-902.38	783.24	-872.73	109.27	-228.98	5.69
53922	70.68	-5.06	-13.00	-865.59	765.23	-865.50	138.62	-222.95	9.49
53923	70.81	-6.16	-13.00	-820.98	745.71	-857.54	164.03	-216.77	11.23
53924	70.97	-7.26	-13.00	-770.31	724.10	-849.57	186.46	-210.49	10.78
53925	71.78	-3.95	-13.00	-769.28	776.74	-839.59	98.11	-213.55	3.94
53926	71.87	-5.06	-13.00	-739.33	759.77	-832.45	124.65	-207.61	7.70
53927	71.99	-6.16	-13.00	-702.72	741.55	-824.63	147.89	-201.50	9.55
53928	72.12	-7.26	-13.00	-660.90	721.43	-816.87	168.92	-195.26	9.35
53929	73.00	-3.95	-13.00	-647.39	769.12	-805.43	88.69	-195.32	2.00
53930	73.07	-5.06	-13.00	-623.58	753.06	-798.45	112.76	-189.73	5.63
53931	73.16	-6.16	-13.00	-594.15	735.96	-790.84	134.10	-184.00	7.52
53932	73.27	-7.25	-13.00	-560.27	717.11	-783.36	153.87	-178.14	7.50
53933	74.21	-3.95	-13.00	-537.52	760.25	-770.42	80.92	-175.38	0.01
53934	74.27	-5.06	-13.00	-519.09	744.98	-763.65	102.85	-170.33	3.46
53935	74.34	-6.16	-13.00	-495.96	728.83	-756.33	122.51	-165.17	5.31
53936	74.42	-7.25	-13.00	-469.04	711.07	-749.21	141.13	-159.92	5.42
53937	75.42	-3.95	-13.00	-440.03	750.03	-734.67	74.68	-154.62	-1.92
53938	75.46	-5.06	-13.00	-426.22	735.44	-728.19	94.74	-150.21	1.30
53939	75.51	-6.16	-13.00	-408.48	720.12	-721.23	112.92	-145.78	3.09
53940	75.57	-7.25	-13.00	-387.54	703.30	-714.55	130.48	-141.29	3.28
53941	76.63	-3.95	-13.00	-354.92	738.35	-698.32	69.79	-133.77	-3.70
53942	76.66	-5.05	-13.00	-344.95	724.37	-692.18	88.24	-130.08	-0.71
53943	76.69	-6.15	-13.00	-331.72	709.80	-685.65	105.10	-126.43	0.97
53944	76.72	-7.25	-13.00	-315.81	693.82	-679.49	121.70	-122.77	1.18
53945	77.84	-3.95	-13.00	-281.87	725.17	-661.48	66.08	-113.43	-5.27
53946	77.85	-5.05	-13.00	-275.01	711.75	-655.73	83.12	-110.45	-2.52
53947	77.86	-6.15	-13.00	-265.45	697.85	-649.69	98.82	-107.62	-0.97
53948	77.87	-7.25	-13.00	-253.64	682.65	-644.11	114.54	-104.81	-0.77
53949	59.67	-3.96	-14.33	-2523.08	951.62	-1162.85	281.79	30.30	4.22
53950	59.92	-5.08	-14.33	-2443.34	935.74	-1151.62	371.43	22.73	-1.20
53951	60.24	-6.18	-14.33	-2333.03	902.73	-1139.02	456.81	9.40	-6.62
53952	60.62	-7.26	-14.33	-2193.24	851.18	-1125.67	526.62	-8.52	-11.07
53953	60.88	-3.96	-14.33	-2473.59	951.67	-1134.77	276.81	-20.55	6.70
53954	61.12	-5.08	-14.33	-2381.66	931.47	-1123.50	357.76	-24.64	3.41
53955	61.41	-6.18	-14.33	-2262.16	897.94	-1110.79	431.81	-33.20	0.37

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
53956	61.77	-7.26	-14.33	-2117.95	851.00	-1097.25	490.21	-45.65	-2.16
53957	62.09	-3.96	-14.33	-2359.21	948.72	-1104.36	263.97	-55.74	8.56
53958	62.31	-5.08	-14.33	-2263.42	926.50	-1093.19	336.47	-57.22	6.69
53959	62.59	-6.18	-14.33	-2143.23	894.21	-1080.55	400.91	-62.37	5.00
53960	62.92	-7.26	-14.33	-2002.39	852.21	-1067.09	450.51	-70.83	3.59
53961	63.30	-3.96	-14.33	-2202.39	944.17	-1072.45	246.15	-79.54	10.02
53962	63.51	-5.08	-14.33	-2108.49	921.64	-1061.51	310.87	-79.12	9.09
53963	63.76	-6.18	-14.33	-1993.15	891.54	-1049.17	367.48	-81.84	8.25
53964	64.07	-7.26	-14.33	-1860.43	854.44	-1036.03	410.82	-87.56	7.42
53965	64.51	-3.96	-14.33	-2019.64	938.83	-1039.47	225.73	-94.80	11.05
53966	64.70	-5.07	-14.33	-1931.31	917.03	-1028.85	283.47	-92.99	10.76
53967	64.94	-6.17	-14.33	-1824.16	889.45	-1016.91	333.68	-94.01	10.46
53968	65.22	-7.26	-14.33	-1702.03	856.43	-1004.24	372.28	-97.82	9.97
53969	65.72	-3.96	-14.33	-1823.26	933.10	-1005.70	204.47	-103.59	11.67
53970	65.90	-5.07	-14.33	-1742.70	912.56	-995.43	255.97	-100.80	11.80
53971	66.11	-6.17	-14.33	-1645.63	887.49	-983.95	300.77	-100.61	11.88
53972	66.37	-7.26	-14.33	-1535.61	858.07	-971.82	335.40	-103.02	11.67
53973	66.94	-3.96	-14.33	-1622.50	927.12	-971.32	183.61	-107.46	11.90
53974	67.09	-5.07	-14.33	-1550.87	908.08	-961.43	229.50	-103.99	12.33
53975	67.29	-6.17	-14.33	-1464.86	885.46	-950.43	269.65	-102.97	12.69
53976	67.52	-7.26	-14.33	-1367.68	859.41	-938.84	301.10	-104.42	12.71
53977	68.15	-3.96	-14.33	-1424.23	920.91	-936.48	164.00	-107.61	11.81
53978	68.29	-5.07	-14.33	-1362.01	903.39	-926.96	204.87	-103.70	12.44
53979	68.46	-6.17	-14.33	-1287.34	883.07	-916.45	241.01	-102.13	13.00
53980	68.67	-7.26	-14.33	-1202.97	859.98	-905.40	269.81	-102.92	13.26
53981	69.36	-3.96	-14.33	-1233.55	914.34	-901.26	146.18	-104.96	11.47
53982	69.48	-5.07	-14.33	-1180.68	898.27	-892.13	182.59	-100.80	12.21
53983	69.64	-6.17	-14.33	-1117.10	879.99	-882.11	215.23	-98.92	12.92
53984	69.82	-7.26	-14.33	-1045.15	859.48	-871.62	241.77	-99.30	13.38
53985	70.57	-3.96	-14.33	-1054.08	907.21	-865.74	130.46	-100.26	10.92
53986	70.68	-5.06	-14.33	-1010.13	892.43	-857.00	162.93	-96.01	11.71
53987	70.81	-6.16	-14.33	-957.06	875.92	-847.49	192.53	-93.99	12.53
53988	70.97	-7.26	-14.33	-896.79	857.60	-837.57	217.14	-94.20	13.15
53989	71.78	-3.95	-14.33	-888.31	899.29	-829.98	116.97	-94.11	10.24
53990	71.87	-5.06	-14.33	-852.61	885.61	-821.65	145.98	-89.90	11.03
53991	71.99	-6.16	-14.33	-809.19	870.57	-812.65	172.93	-87.89	11.91
53992	72.12	-7.26	-14.33	-759.60	854.05	-803.31	195.85	-88.09	12.65
53993	73.00	-3.95	-14.33	-737.80	890.32	-794.01	105.69	-87.00	9.49
53994	73.07	-5.06	-14.33	-709.50	877.54	-786.10	131.69	-82.92	10.24
53995	73.16	-6.16	-14.33	-674.74	863.70	-777.63	156.31	-81.04	11.14
53996	73.27	-7.25	-14.33	-634.69	848.63	-768.90	177.70	-81.36	11.98
53997	74.21	-3.95	-14.33	-603.38	880.07	-757.87	96.49	-79.33	8.71
53998	74.27	-5.06	-14.33	-581.55	868.03	-750.39	119.88	-75.45	9.40
53999	74.34	-6.16	-14.33	-554.35	855.16	-742.47	142.45	-73.77	10.30
54000	74.42	-7.25	-14.33	-522.66	841.28	-734.36	162.45	-74.29	11.22
54001	75.42	-3.95	-14.33	-485.29	868.37	-721.59	89.22	-71.43	7.96
54002	75.46	-5.06	-14.33	-468.98	856.93	-714.56	110.33	-67.78	8.57
54003	75.51	-6.16	-14.33	-448.23	844.85	-707.19	131.09	-66.36	9.44
54004	75.57	-7.25	-14.33	-423.68	831.95	-699.73	149.82	-67.15	10.41
54005	76.63	-3.95	-14.33	-383.31	855.06	-685.18	83.63	-63.56	7.26
54006	76.66	-5.05	-14.33	-371.58	844.14	-678.61	102.78	-60.17	7.79
54007	76.69	-6.15	-14.33	-356.20	832.73	-671.82	121.94	-59.02	8.62
54008	76.72	-7.25	-14.33	-337.61	820.65	-665.03	139.49	-60.11	9.61
54009	77.84	-3.95	-14.33	-296.86	840.07	-648.68	79.50	-55.92	6.64
54010	77.85	-5.05	-14.33	-288.82	829.61	-642.58	96.95	-52.80	7.08
54011	77.86	-6.15	-14.33	-277.77	818.79	-636.38	114.69	-51.94	7.86
54012	77.87	-7.25	-14.33	-264.02	807.43	-630.27	131.16	-53.33	8.84
54013	55.21	-3.96	-11.67	-3339.42	-905.75	-3690.33	51.42	2542.67	-501.61
54014	55.43	-5.07	-11.67	-3310.85	-1046.67	-3501.90	11.14	2496.88	-526.29
54015	55.70	-6.17	-11.67	-3351.48	-1080.95	-3503.54	-70.02	2569.86	-466.57
54016	56.03	-7.26	-11.67	-3430.77	-958.43	-3617.62	3.50	2724.66	-532.24
54017	56.07	-3.96	-11.67	-2867.78	-213.92	-1155.04	-20.43	1331.68	-202.81
54018	56.30	-5.07	-11.67	-2840.07	-235.05	-1130.75	-39.04	1316.46	-226.02
54019	56.58	-6.18	-11.67	-2834.46	-162.09	-1146.35	-27.43	1343.56	-251.23
54020	56.92	-7.26	-11.67	-2750.34	17.40	-1167.14	137.63	1344.70	-364.63
54021	56.92	-3.96	-11.67	-2438.89	151.77	-870.75	25.33	815.92	-130.26
54022	57.16	-5.08	-11.67	-2405.74	185.97	-878.50	61.20	805.56	-171.15
54023	57.46	-6.18	-11.67	-2339.83	260.66	-899.13	146.33	788.75	-229.61
54024	57.81	-7.26	-11.67	-2175.28	339.72	-926.22	300.96	735.20	-315.05
54025	57.78	-3.96	-11.67	-2169.95	385.82	-816.91	90.29	526.43	-81.91
54026	58.03	-5.08	-11.67	-2116.13	416.74	-831.25	153.73	504.89	-117.19
54027	58.33	-6.18	-11.67	-2016.21	447.95	-852.90	244.59	467.37	-161.11
54028	58.70	-7.26	-11.67	-1854.81	455.31	-880.55	346.43	407.99	-206.77
54029	58.63	-3.96	-11.67	-1974.39	517.29	-864.41	140.01	270.41	-53.02
54030	58.89	-5.08	-11.67	-1903.73	528.95	-876.76	206.51	243.44	-76.71
54031	59.21	-6.18	-11.67	-1796.40	529.83	-894.12	280.51	204.01	-103.25
54032	59.59	-7.26	-11.67	-1652.06	513.39	-914.52	349.46	151.92	-128.42
54033	55.21	-3.96	-13.00	-389.95	-39.25	-2054.67	81.61	593.99	-362.72
54034	55.43	-5.07	-13.00	-409.36	-111.35	-2013.99	114.77	620.96	-434.46
54035	55.70	-6.17	-13.00	-426.33	-152.39	-1995.92	158.24	656.81	-487.95
54036	56.03	-7.26	-13.00	-423.45	-143.89	-1969.16	243.74	674.90	-567.22
54037	56.07	-3.96	-13.00	-1703.07	161.19	-1753.01	84.32	1233.11	-123.35
54038	56.30	-5.07	-13.00	-1708.29	150.55	-1731.78	121.17	1230.54	-152.84
54039	56.58	-6.18	-13.00	-1709.76	181.34	-1730.88	184.71	1232.63	-199.69
54040	56.92	-7.26	-13.00	-1669.65	238.87	-1714.93	308.87	1194.85	-305.31
54041	56.92	-3.96	-13.00	-2046.29	464.39	-1098.49	109.95	878.37	-52.33
54042	57.16	-5.08	-13.00	-2032.44	480.05	-1098.95	172.16	862.48	-83.73
54043	57.46	-6.18	-13.00	-1991.38	507.36	-1103.24	265.43	828.10	-138.60
54044	57.81	-7.26	-13.00	-1890.86	522.61	-1103.67	392.43	751.19	-217.66
54045	57.78	-3.96	-13.00	-2137.74	634.77	-1029.27	166.16	553.63	-31.75
54046	58.03	-5.08	-13.00	-2097.86	646.02	-1032.06	245.81	527.49	-58.30
54047	58.33	-6.18	-13.00	-2022.17	648.84	-1038.04	342.60	481.89	-96.84
54048	58.70	-7.26	-13.00	-1898.66	627.87	-1047.31	444.53	411.84	-139.05
54049	58.63	-3.96	-13.00	-2155.36	723.76	-1044.76	205.15	282.11	-20.96
54050	58.89	-5.08	-13.00	-2092.30	721.33	-1045.47	285.97	255.28	-38.12
54051	59.21	-6.18	-13.00	-1996.31	705.31	-1047.57	369.91	215.24	-59.92
54052	59.59	-7.26	-13.00	-1866.81	669.44	-1051.03	446.05	162.88	-80.87
54053	55.21	-3.96	-14.33	-154.71	409.89	-1505.98	65.70	29.36	-139.52
54054	55.43	-5.07	-14.33	-170.66	349.17	-1491.86	92.55	45.47	-175.02

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
54055	55.70	-6.17	-14.33	-193.98	291.53	-1477.47	129.00	61.72	-205.32
54056	56.03	-7.26	-14.33	-223.34	238.82	-1457.94	169.41	77.50	-236.03
54057	56.07	-3.96	-14.33	-706.89	718.24	-1499.97	186.43	377.44	-45.08
54058	56.30	-5.07	-14.33	-743.25	705.16	-1486.73	251.77	382.69	-65.92
54059	56.58	-6.18	-14.33	-784.76	691.31	-1474.55	331.83	382.33	-97.03
54060	56.92	-7.26	-14.33	-827.47	657.41	-1452.92	424.97	366.82	-145.30
54061	56.92	-3.96	-14.33	-1568.46	862.20	-1303.88	229.27	440.69	4.41
54062	57.16	-5.08	-14.33	-1589.87	869.00	-1293.86	317.44	432.61	-8.45
54063	57.46	-6.18	-14.33	-1603.54	862.63	-1284.02	423.48	412.94	-32.86
54064	57.81	-7.26	-14.33	-1595.97	822.99	-1271.04	541.07	371.98	-69.37
54065	57.78	-3.96	-14.33	-2162.18	924.63	-1213.61	258.82	266.99	6.87
54066	58.03	-5.08	-14.33	-2146.80	928.57	-1204.32	358.05	254.66	-4.42
54067	58.33	-6.18	-14.33	-2107.93	911.78	-1194.51	469.38	230.40	-21.79
54068	58.70	-7.26	-14.33	-2034.62	861.05	-1184.95	579.17	191.87	-42.12
54069	58.63	-3.96	-14.33	-2446.37	947.26	-1189.39	279.54	117.68	4.11
54070	58.89	-5.08	-14.33	-2391.98	940.58	-1178.69	377.91	106.15	-4.22
54071	59.21	-6.18	-14.33	-2306.98	913.27	-1167.14	478.36	86.41	-14.27
54072	59.59	-7.26	-14.33	-2187.92	859.97	-1155.45	566.98	59.44	-23.72
54073	100.59	-8.10	-11.67	6.02	129.36	118.11	37.43	-13.08	-27.71
54074	99.68	-8.10	-11.67	-2.46	164.07	88.13	42.38	-21.21	-22.51
54075	98.78	-8.10	-11.67	-8.85	195.91	51.12	47.05	-25.20	-18.33
54076	97.87	-8.10	-11.67	-15.01	226.13	8.83	52.23	-23.03	-16.11
54077	96.97	-8.10	-11.67	-20.09	255.71	-36.72	57.34	-16.40	-15.81
54078	100.36	-8.70	-11.67	7.29	127.26	115.84	40.22	-15.67	-30.28
54079	99.44	-8.70	-11.67	-1.20	163.03	85.10	44.85	-22.25	-25.45
54080	98.52	-8.70	-11.67	-7.89	194.57	46.99	50.07	-25.41	-20.63
54081	97.61	-8.70	-11.67	-14.22	225.10	3.71	55.49	-22.62	-18.22
54082	96.69	-8.70	-11.67	-19.22	254.78	-42.94	60.81	-15.71	-17.86
54083	100.59	-8.10	-13.00	9.84	187.65	131.86	55.01	-9.76	-17.17
54084	99.68	-8.10	-13.00	3.07	228.04	101.53	58.92	-21.71	-11.75
54085	98.78	-8.10	-13.00	-5.86	263.28	57.33	63.79	-24.99	-8.84
54086	97.87	-8.10	-13.00	-16.37	296.39	10.26	69.44	-23.35	-7.13
54087	96.97	-8.10	-13.00	-25.03	328.71	-38.30	74.98	-18.98	-6.63
54088	100.36	-8.70	-13.00	12.09	184.84	128.91	57.86	-11.78	-18.88
54089	99.44	-8.70	-13.00	4.51	225.99	97.57	62.32	-22.14	-14.44
54090	98.52	-8.70	-13.00	-5.02	261.38	52.55	67.60	-24.79	-10.83
54091	97.61	-8.70	-13.00	-15.80	295.03	4.79	73.53	-22.86	-8.88
54092	96.69	-8.70	-13.00	-24.41	327.71	-44.62	79.32	-18.47	-8.25
54093	100.59	-8.10	-14.33	33.10	261.94	148.76	65.75	-18.00	1.01
54094	99.68	-8.10	-14.33	19.10	302.21	109.62	71.96	-24.58	2.81
54095	98.78	-8.10	-14.33	-0.02	339.28	60.46	78.13	-24.24	3.32
54096	97.87	-8.10	-14.33	-18.70	373.94	11.44	84.98	-23.36	3.93
54097	96.97	-8.10	-14.33	-35.46	407.72	-38.33	92.10	-22.74	4.52
54098	100.36	-8.70	-14.33	34.19	253.73	145.31	78.13	-17.34	1.67
54099	99.44	-8.70	-14.33	19.16	296.52	105.46	81.80	-23.46	1.62
54100	98.52	-8.70	-14.33	-0.41	333.88	55.66	87.96	-23.18	2.92
54101	97.61	-8.70	-14.33	-19.28	369.18	6.05	94.93	-22.48	3.55
54102	96.69	-8.70	-14.33	-36.14	403.16	-44.43	102.62	-22.30	4.31
54103	95.95	-8.10	-11.67	-22.98	280.46	-77.02	61.49	-9.24	-16.78
54104	94.82	-8.10	-11.67	-24.20	300.77	-110.98	64.56	-2.99	-17.91
54105	93.69	-8.10	-11.67	-24.63	321.01	-145.65	67.33	2.47	-18.92
54106	92.56	-8.10	-11.67	-24.53	341.28	-181.07	69.70	6.35	-19.69
54107	91.43	-8.10	-11.67	-24.25	361.43	-217.32	71.60	8.12	-20.33
54108	90.30	-8.10	-11.67	-24.25	381.24	-254.37	73.29	7.69	-21.08
54109	89.18	-8.10	-11.67	-25.22	400.65	-292.02	74.89	5.16	-21.93
54110	88.05	-8.10	-11.67	-27.78	419.53	-330.01	76.50	0.44	-22.70
54111	86.92	-8.10	-11.67	-32.55	437.80	-368.13	78.20	-6.56	-23.31
54112	85.79	-8.10	-11.67	-40.07	455.44	-406.23	79.97	-15.90	-23.65
54113	84.66	-8.10	-11.67	-50.84	472.32	-444.25	81.85	-27.64	-23.64
54114	83.53	-8.10	-11.67	-65.40	488.33	-482.17	83.90	-41.78	-23.27
54115	82.40	-8.10	-11.67	-84.26	503.35	-519.95	86.23	-58.25	-22.51
54116	81.27	-8.10	-11.67	-107.94	517.26	-557.53	88.97	-76.95	-21.35
54117	80.14	-8.10	-11.67	-136.94	529.98	-594.86	92.26	-97.72	-19.76
54118	79.01	-8.10	-11.67	-171.70	541.41	-631.85	96.28	-120.33	-17.76
54119	95.68	-8.70	-11.67	-21.86	279.32	-83.69	65.14	-8.63	-18.93
54120	94.56	-8.70	-11.67	-22.78	299.19	-117.36	68.18	-2.41	-20.15
54121	93.45	-8.70	-11.67	-23.05	318.76	-151.62	71.06	2.79	-21.14
54122	92.34	-8.70	-11.67	-22.95	338.45	-186.47	73.52	6.54	-21.87
54123	91.23	-8.70	-11.67	-22.64	358.00	-222.15	75.44	7.85	-22.32
54124	90.12	-8.70	-11.67	-22.63	377.18	-258.70	77.28	7.07	-23.10
54125	89.01	-8.70	-11.67	-23.66	396.10	-295.88	79.01	4.44	-23.92
54126	87.90	-8.70	-11.67	-26.34	414.43	-333.42	80.78	-0.39	-24.59
54127	86.79	-8.70	-11.67	-31.24	432.19	-371.04	82.65	-7.36	-25.15
54128	85.67	-8.70	-11.67	-38.83	449.33	-408.62	84.59	-16.56	-25.41
54129	84.56	-8.70	-11.67	-49.55	465.73	-446.11	86.64	-28.07	-25.34
54130	83.45	-8.70	-11.67	-63.89	481.25	-483.49	88.86	-41.86	-24.91
54131	82.34	-8.70	-11.67	-82.33	495.79	-520.73	91.38	-57.89	-24.12
54132	81.23	-8.70	-11.67	-105.33	509.24	-557.80	94.31	-76.05	-22.94
54133	80.12	-8.70	-11.67	-133.35	521.49	-594.64	97.81	-96.17	-21.39
54134	79.01	-8.70	-11.67	-166.77	532.48	-631.19	102.05	-118.02	-19.42
54135	95.95	-8.10	-13.00	-29.64	356.00	-79.64	79.37	-14.05	-7.15
54136	94.82	-8.10	-13.00	-31.69	378.58	-113.07	82.74	-9.71	-7.55
54137	93.69	-8.10	-13.00	-31.60	401.68	-146.46	85.50	-6.11	-7.46
54138	92.56	-8.10	-13.00	-30.29	425.01	-180.32	87.79	-3.46	-7.11
54139	91.43	-8.10	-13.00	-28.39	448.14	-214.80	89.58	-2.20	-6.87
54140	90.30	-8.10	-13.00	-26.62	470.66	-249.94	91.36	-2.27	-7.13
54141	89.18	-8.10	-13.00	-26.04	492.64	-285.53	93.30	-3.55	-7.72
54142	88.05	-8.10	-13.00	-27.45	514.12	-321.30	95.38	-6.22	-8.29
54143	86.92	-8.10	-13.00	-31.58	535.10	-357.08	97.57	-10.44	-8.68
54144	85.79	-8.10	-13.00	-39.07	555.53	-392.79	99.81	-16.31	-8.82
54145	84.66	-8.10	-13.00	-50.57	575.22	-428.43	102.16	-23.88	-8.68
54146	83.53	-8.10	-13.00	-66.80	594.01	-464.00	104.73	-33.13	-8.27
54147	82.40	-8.10	-13.00	-88.47	611.74	-499.50	107.67	-44.01	-7.59
54148	81.27	-8.10	-13.00	-116.31	628.24	-534.92	111.13	-56.46	-6.63
54149	80.14	-8.10	-13.00	-151.00	643.41	-570.25	115.33	-70.36	-5.40
54150	79.01	-8.10	-13.00	-193.19	657.11	-605.46	120.47	-85.59	-3.90
54151	95.68	-8.70	-13.00	-28.66	355.10	-86.24	83.85	-13.74	-8.83
54152	94.56	-8.70	-13.00	-30.27	377.38	-119.19	87.24	-9.38	-9.34
54153	93.45	-8.70	-13.00	-29.79	399.85	-151.85	90.24	-5.94	-9.14

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
54154	92.34	-8.70	-13.00	-28.29	422.67	-184.85	92.62	-3.38	-8.60
54155	91.23	-8.70	-13.00	-26.08	445.24	-218.63	94.34	-2.55	-8.16
54156	90.12	-8.70	-13.00	-24.15	467.09	-253.33	96.30	-2.81	-8.56
54157	89.01	-8.70	-13.00	-23.69	488.57	-288.56	98.42	-3.99	-9.26
54158	87.90	-8.70	-13.00	-25.35	509.52	-323.97	100.70	-6.61	-9.84
54159	86.79	-8.70	-13.00	-29.74	529.99	-359.33	103.08	-10.72	-10.27
54160	85.67	-8.70	-13.00	-37.39	549.92	-394.59	105.49	-16.44	-10.41
54161	84.56	-8.70	-13.00	-48.89	569.10	-429.75	108.01	-23.82	-10.26
54162	83.45	-8.70	-13.00	-64.89	587.36	-464.83	110.77	-32.82	-9.85
54163	82.34	-8.70	-13.00	-86.09	604.55	-499.84	113.91	-43.41	-9.18
54164	81.23	-8.70	-13.00	-113.13	620.53	-534.78	117.61	-55.50	-8.25
54165	80.12	-8.70	-13.00	-146.65	635.15	-569.63	122.05	-68.98	-7.08
54166	79.01	-8.70	-13.00	-187.24	648.33	-604.38	127.45	-83.72	-5.63
54167	95.95	-8.10	-14.33	-44.41	437.14	-80.16	96.96	-23.10	5.19
54168	94.82	-8.10	-14.33	-43.96	463.47	-113.35	98.82	-22.91	5.85
54169	93.69	-8.10	-14.33	-41.46	490.12	-146.83	100.81	-21.95	6.44
54170	92.56	-8.10	-14.33	-37.00	517.15	-180.48	102.48	-21.03	7.12
54171	91.43	-8.10	-14.33	-31.35	543.40	-214.37	104.07	-20.55	7.52
54172	90.30	-8.10	-14.33	-25.95	568.42	-248.54	106.24	-20.44	7.41
54173	89.18	-8.10	-14.33	-22.09	592.83	-282.87	108.85	-20.60	7.04
54174	88.05	-8.10	-14.33	-20.58	616.96	-317.25	111.59	-21.26	6.74
54175	86.92	-8.10	-14.33	-22.17	640.89	-351.59	114.27	-22.54	6.58
54176	85.79	-8.10	-14.33	-27.62	664.42	-385.90	116.85	-24.49	6.58
54177	84.66	-8.10	-14.33	-37.79	687.28	-420.17	119.44	-27.13	6.72
54178	83.53	-8.10	-14.33	-53.64	709.23	-454.42	122.23	-30.42	6.98
54179	82.40	-8.10	-14.33	-76.16	730.04	-488.65	125.42	-34.36	7.35
54180	81.27	-8.10	-14.33	-106.32	749.53	-522.87	129.23	-38.92	7.82
54181	80.14	-8.10	-14.33	-145.07	767.53	-557.07	133.91	-44.04	8.39
54182	79.01	-8.10	-14.33	-193.30	783.87	-591.25	139.72	-49.71	9.05
54183	95.68	-8.70	-14.33	-45.09	432.13	-86.47	108.29	-23.33	4.97
54184	94.56	-8.70	-14.33	-44.12	458.27	-119.10	110.05	-23.54	5.57
54185	93.45	-8.70	-14.33	-40.64	484.97	-151.86	111.65	-23.12	6.50
54186	92.34	-8.70	-14.33	-34.50	512.14	-184.64	113.00	-22.28	7.56
54187	91.23	-8.70	-14.33	-27.75	537.64	-217.85	114.93	-21.78	8.11
54188	90.12	-8.70	-14.33	-22.15	561.48	-251.53	118.08	-21.26	7.88
54189	89.01	-8.70	-14.33	-18.67	585.09	-285.39	121.66	-20.80	7.09
54190	87.90	-8.70	-14.33	-17.81	608.61	-319.28	125.24	-20.99	6.73
54191	86.79	-8.70	-14.33	-19.98	632.11	-353.12	128.52	-21.89	6.56
54192	85.67	-8.70	-14.33	-25.79	655.25	-386.89	131.57	-23.54	6.61
54193	84.56	-8.70	-14.33	-36.09	677.73	-420.62	134.57	-25.91	6.81
54194	83.45	-8.70	-14.33	-51.80	699.28	-454.32	137.75	-28.98	7.13
54195	82.34	-8.70	-14.33	-73.86	719.70	-488.01	141.31	-32.71	7.56
54196	81.23	-8.70	-14.33	-103.18	738.79	-521.69	145.48	-37.07	8.08
54197	80.12	-8.70	-14.33	-140.64	756.37	-555.36	150.49	-42.01	8.67
54198	79.01	-8.70	-14.33	-187.06	772.30	-589.01	156.61	-47.48	9.38
54199	77.89	-8.10	-11.67	-212.60	551.49	-668.41	101.20	-144.52	-15.39
54200	76.76	-8.10	-11.67	-259.92	560.12	-704.40	107.20	-169.88	-12.74
54201	75.63	-8.10	-11.67	-313.84	567.26	-739.67	114.53	-195.89	-9.90
54202	74.50	-8.10	-11.67	-374.41	572.90	-774.03	123.37	-221.96	-6.98
54203	73.37	-8.10	-11.67	-441.51	576.99	-807.24	133.93	-247.38	-4.16
54204	72.24	-8.10	-11.67	-514.86	579.52	-839.00	146.38	-271.26	-1.68
54205	71.11	-8.10	-11.67	-593.98	580.49	-868.97	160.89	-292.53	0.17
54206	69.98	-8.10	-11.67	-678.17	579.90	-896.69	177.55	-309.93	1.07
54207	68.85	-8.10	-11.67	-766.55	577.86	-921.60	196.40	-321.93	0.58
54208	67.72	-8.10	-11.67	-858.13	574.34	-943.01	217.25	-326.66	-1.84
54209	66.60	-8.10	-11.67	-951.58	569.01	-960.18	239.82	-321.72	-6.60
54210	65.47	-8.10	-11.67	-1045.68	562.22	-972.23	264.09	-304.68	-14.31
54211	64.34	-8.10	-11.67	-1139.19	553.70	-978.56	288.94	-272.27	-25.65
54212	63.21	-8.10	-11.67	-1230.25	542.60	-978.63	314.03	-221.10	-40.95
54213	62.08	-8.10	-11.67	-1318.53	529.57	-971.64	339.60	-148.68	-62.16
54214	60.95	-8.10	-11.67	-1406.21	513.93	-957.31	363.96	-51.19	-91.85
54215	77.89	-8.70	-11.67	-205.98	542.12	-667.36	107.19	-141.46	-17.11
54216	76.78	-8.70	-11.67	-251.19	550.31	-703.04	113.40	-166.03	-14.61
54217	75.67	-8.70	-11.67	-302.52	556.99	-738.07	120.92	-191.23	-11.97
54218	74.56	-8.70	-11.67	-360.02	562.14	-772.27	129.95	-216.55	-9.27
54219	73.45	-8.70	-11.67	-423.56	565.71	-805.41	140.67	-241.33	-6.72
54220	72.34	-8.70	-11.67	-492.86	567.66	-837.21	153.27	-264.76	-4.53
54221	71.23	-8.70	-11.67	-567.44	567.97	-867.32	167.89	-285.86	-2.98
54222	70.11	-8.70	-11.67	-646.63	566.62	-895.29	184.64	-303.45	-2.39
54223	69.00	-8.70	-11.67	-729.56	563.61	-920.55	203.58	-316.14	-3.10
54224	67.89	-8.70	-11.67	-815.19	559.25	-942.38	224.71	-322.34	-5.83
54225	66.78	-8.70	-11.67	-902.61	552.67	-960.11	247.43	-319.43	-11.05
54226	65.67	-8.70	-11.67	-990.39	544.35	-972.82	272.16	-305.13	-18.73
54227	64.56	-8.70	-11.67	-1077.08	535.04	-979.80	298.13	-277.38	-31.10
54228	63.45	-8.70	-11.67	-1162.12	522.35	-981.13	323.68	-230.18	-46.48
54229	62.34	-8.70	-11.67	-1242.18	507.40	-975.87	350.43	-164.97	-67.10
54230	61.22	-8.70	-11.67	-1318.95	490.65	-964.03	378.06	-77.11	-97.61
54231	77.89	-8.10	-13.00	-243.42	669.25	-640.52	126.76	-102.00	-2.18
54232	76.76	-8.10	-13.00	-302.16	679.72	-675.39	134.42	-119.29	-0.31
54233	75.63	-8.10	-13.00	-369.72	688.44	-709.98	143.73	-137.15	1.65
54234	74.50	-8.10	-13.00	-446.25	695.36	-744.23	154.91	-155.18	3.63
54235	73.37	-8.10	-13.00	-531.70	700.46	-778.02	168.20	-172.91	5.50
54236	72.24	-8.10	-13.00	-625.77	703.69	-811.24	183.83	-189.76	7.11
54237	71.11	-8.10	-13.00	-727.85	705.08	-843.72	201.96	-204.97	8.27
54238	69.98	-8.10	-13.00	-836.98	704.66	-875.26	222.74	-217.65	8.78
54239	68.85	-8.10	-13.00	-951.82	702.63	-905.58	246.29	-226.70	8.35
54240	67.72	-8.10	-13.00	-1070.61	699.08	-934.35	272.39	-230.64	6.64
54241	66.60	-8.10	-13.00	-1190.89	693.79	-961.13	300.85	-227.58	3.49
54242	65.47	-8.10	-13.00	-1309.79	687.39	-985.47	331.64	-215.62	-1.53
54243	64.34	-8.10	-13.00	-1423.82	679.64	-1007.11	363.48	-191.98	-9.07
54244	63.21	-8.10	-13.00	-1527.97	669.77	-1025.87	396.00	-153.57	-19.48
54245	62.08	-8.10	-13.00	-1617.57	658.94	-1041.09	429.28	-97.40	-34.55
54246	60.95	-8.10	-13.00	-1688.86	647.77	-1050.81	461.15	-17.69	-55.82
54247	77.89	-8.70	-13.00	-235.43	659.94	-638.99	134.01	-99.65	-3.97
54248	76.78	-8.70	-13.00	-291.61	669.86	-673.43	141.93	-116.47	-2.23
54249	75.67	-8.70	-13.00	-356.04	678.00	-707.63	151.50	-133.82	-0.42
54250	74.56	-8.70	-13.00	-428.86	684.30	-741.50	162.92	-151.39	1.39
54251	73.45	-8.70	-13.00	-510.00	688.70	-774.96	176.44	-168.76	3.07
54252	72.34	-8.70	-13.00	-599.18	691.14	-807.87	192.26	-185.36	4.49

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
54253	71.23	-8.70	-13.00	-695.81	691.61	-840.08	210.57	-200.52	5.45
54254	70.11	-8.70	-13.00	-798.99	690.11	-871.40	231.51	-213.42	5.76
54255	69.00	-8.70	-13.00	-907.41	686.71	-901.57	255.19	-223.04	5.24
54256	67.89	-8.70	-13.00	-1019.29	681.87	-930.18	281.69	-228.21	3.33
54257	66.78	-8.70	-13.00	-1132.71	674.69	-956.95	310.36	-226.71	-0.19
54258	65.67	-8.70	-13.00	-1244.68	665.98	-981.24	341.77	-216.80	-5.00
54259	64.56	-8.70	-13.00	-1351.65	656.57	-1002.65	374.91	-196.91	-13.32
54260	63.45	-8.70	-13.00	-1450.63	644.00	-1021.73	407.93	-161.41	-23.64
54261	62.34	-8.70	-13.00	-1534.05	629.86	-1037.60	442.43	-111.38	-38.02
54262	61.22	-8.70	-13.00	-1599.03	616.06	-1048.52	477.85	-40.56	-60.09
54263	77.89	-8.10	-14.33	-251.83	798.41	-625.42	146.94	-55.89	9.77
54264	76.76	-8.10	-14.33	-321.38	811.00	-659.56	155.85	-62.45	10.53
54265	75.63	-8.10	-14.33	-402.50	821.56	-693.66	166.77	-69.28	11.28
54266	74.50	-8.10	-14.33	-495.55	830.02	-727.70	179.99	-76.24	12.03
54267	73.37	-8.10	-14.33	-600.67	836.32	-761.67	195.83	-83.17	12.72
54268	72.24	-8.10	-14.33	-717.68	840.44	-795.52	214.57	-89.86	13.28
54269	71.11	-8.10	-14.33	-846.05	842.38	-829.24	236.46	-96.03	13.67
54270	69.98	-8.10	-14.33	-984.74	842.24	-862.78	261.71	-101.35	13.79
54271	68.85	-8.10	-14.33	-1132.17	840.31	-896.07	290.56	-105.41	13.55
54272	67.72	-8.10	-14.33	-1286.18	836.98	-929.03	322.83	-107.61	12.83
54273	66.60	-8.10	-14.33	-1443.21	832.23	-961.54	358.25	-107.10	11.71
54274	65.47	-8.10	-14.33	-1598.92	826.93	-993.45	397.02	-103.25	9.98
54275	64.34	-8.10	-14.33	-1747.85	820.97	-1024.79	437.78	-94.70	7.31
54276	63.21	-8.10	-14.33	-1881.67	812.92	-1055.56	480.25	-80.06	3.52
54277	62.08	-8.10	-14.33	-1991.89	804.86	-1085.62	525.26	-58.35	-2.67
54278	60.95	-8.10	-14.33	-2067.29	798.23	-1114.08	569.35	-25.66	-12.96
54279	77.89	-8.70	-14.33	-243.25	786.38	-622.67	164.11	-53.55	10.13
54280	76.78	-8.70	-14.33	-309.82	798.46	-656.32	173.25	-60.02	10.83
54281	75.67	-8.70	-14.33	-387.27	808.43	-689.93	184.35	-66.76	11.53
54282	74.56	-8.70	-14.33	-475.92	816.20	-723.48	197.72	-73.68	12.20
54283	73.45	-8.70	-14.33	-575.90	821.69	-756.96	213.65	-80.63	12.79
54284	72.34	-8.70	-14.33	-687.07	824.83	-790.33	232.41	-87.41	13.25
54285	71.23	-8.70	-14.33	-808.91	825.61	-823.58	254.26	-93.77	13.51
54286	70.11	-8.70	-14.33	-940.45	824.06	-856.66	279.39	-99.43	13.51
54287	69.00	-8.70	-14.33	-1080.17	820.26	-889.52	308.02	-104.01	13.20
54288	67.89	-8.70	-14.33	-1225.96	815.11	-922.03	340.38	-107.16	12.29
54289	66.78	-8.70	-14.33	-1375.00	807.84	-954.16	375.51	-107.63	10.90
54290	65.67	-8.70	-14.33	-1522.40	799.54	-985.60	414.34	-104.91	9.51
54291	64.56	-8.70	-14.33	-1662.95	791.23	-1016.27	456.12	-98.63	6.26
54292	63.45	-8.70	-14.33	-1790.65	778.82	-1046.67	498.88	-84.41	2.62
54293	62.34	-8.70	-14.33	-1895.09	764.70	-1076.28	545.73	-65.12	-3.30
54294	61.22	-8.70	-14.33	-1967.82	751.90	-1104.28	594.11	-36.05	-14.86
54295	56.31	-8.10	-11.67	-3394.88	-787.32	-3588.31	319.91	2741.43	-771.67
54296	56.54	-8.70	-11.67	-2748.46	-645.14	-3097.20	918.09	2261.66	-1123.36
54297	57.22	-8.10	-11.67	-2494.58	192.68	-1144.43	415.11	1243.23	-538.69
54298	57.46	-8.70	-11.67	-2173.59	203.16	-1153.46	545.57	1107.30	-630.36
54299	58.12	-8.10	-11.67	-1969.14	354.81	-954.12	427.79	664.22	-379.01
54300	58.38	-8.70	-11.67	-1773.10	333.15	-965.57	499.34	592.37	-413.65
54301	59.03	-8.10	-11.67	-1692.34	441.15	-902.76	416.62	347.68	-237.90
54302	59.29	-8.70	-11.67	-1557.90	417.59	-919.12	452.30	296.76	-252.34
54303	59.93	-8.10	-11.67	-1520.81	488.20	-931.57	392.16	104.95	-144.46
54304	60.21	-8.70	-11.67	-1418.33	463.23	-943.07	412.75	68.23	-152.27
54305	56.31	-8.10	-13.00	-397.67	-128.09	-1894.26	334.33	648.35	-658.22
54306	56.54	-8.70	-13.00	-430.27	-133.26	-1809.98	324.88	630.85	-694.40
54307	57.22	-8.10	-13.00	-1583.92	270.25	-1656.92	438.06	1103.03	-426.90
54308	57.46	-8.70	-13.00	-1448.23	267.52	-1555.34	535.20	964.02	-513.59
54309	58.12	-8.10	-13.00	-1760.50	509.51	-1099.60	497.80	656.88	-281.87
54310	58.38	-8.70	-13.00	-1635.55	474.11	-1102.19	552.98	572.14	-312.06
54311	59.03	-8.10	-13.00	-1773.98	590.70	-1056.83	513.58	344.45	-167.00
54312	59.29	-8.70	-13.00	-1668.96	553.03	-1062.92	549.59	289.73	-180.11
54313	59.93	-8.10	-13.00	-1748.00	628.88	-1053.82	493.59	116.81	-94.45
54314	60.21	-8.70	-13.00	-1653.60	593.58	-1055.22	516.71	81.80	-100.59
54315	56.31	-8.10	-14.33	-255.70	193.91	-1440.52	198.24	95.01	-255.13
54316	56.54	-8.70	-14.33	-270.97	160.45	-1423.80	238.69	111.00	-270.55
54317	57.22	-8.10	-14.33	-857.05	615.06	-1419.54	504.03	339.99	-186.75
54318	57.46	-8.70	-14.33	-874.96	552.28	-1385.99	558.53	313.30	-208.27
54319	58.12	-8.10	-14.33	-1569.21	762.48	-1256.08	632.00	322.85	-98.32
54320	58.38	-8.70	-14.33	-1531.89	689.98	-1240.17	688.54	277.60	-114.20
54321	59.03	-8.10	-14.33	-1953.49	797.26	-1177.14	655.22	153.74	-55.17
54322	59.29	-8.70	-14.33	-1879.70	732.93	-1170.77	699.36	125.57	-61.45
54323	59.93	-8.10	-14.33	-2075.12	801.03	-1145.46	623.61	35.16	-28.53
54324	60.21	-8.70	-14.33	-1982.86	747.18	-1136.32	655.87	19.37	-31.56
54325	96.21	-9.62	-11.67	-17.17	253.08	-54.26	66.26	-13.29	-21.02
54326	95.51	-10.82	-11.67	-14.15	251.01	-71.62	73.36	-11.13	-26.61
54327	94.72	-11.98	-11.67	-10.30	248.68	-91.41	80.24	-8.86	-33.40
54328	93.85	-13.08	-11.67	-5.75	246.25	-113.56	86.79	-7.01	-41.99
54329	92.91	-14.11	-11.67	-0.84	243.24	-138.20	92.83	-5.85	-51.86
54330	91.89	-15.08	-11.67	4.11	240.25	-165.37	98.26	-5.64	-63.17
54331	90.82	-15.98	-11.67	8.76	237.06	-195.20	103.15	-6.88	-75.77
54332	89.68	-16.80	-11.67	12.89	233.46	-227.60	107.40	-9.94	-89.24
54333	88.49	-17.54	-11.67	16.22	229.58	-262.33	110.93	-14.93	-103.21
54334	87.25	-18.19	-11.67	18.36	225.40	-299.14	113.67	-21.96	-117.40
54335	85.97	-18.76	-11.67	18.89	221.03	-337.76	115.56	-31.15	-131.48
54336	84.65	-19.23	-11.67	17.30	216.65	-377.94	116.63	-42.51	-145.09
54337	83.31	-19.62	-11.67	13.11	212.42	-419.39	116.97	-56.01	-157.85
54338	81.94	-19.90	-11.67	5.78	208.53	-461.82	116.80	-71.51	-169.33
54339	80.55	-20.10	-11.67	-5.15	205.18	-504.91	116.39	-88.79	-179.13
54340	79.15	-20.20	-11.67	-20.15	202.51	-548.44	116.12	-107.56	-186.95
54341	97.13	-9.66	-11.67	-12.17	222.96	-6.29	60.99	-20.71	-21.86
54342	96.40	-10.95	-11.67	-9.21	219.66	-22.27	68.47	-19.43	-27.80
54343	95.59	-12.19	-11.67	-5.30	215.94	-40.94	75.60	-18.24	-34.89
54344	94.69	-13.37	-11.67	-0.48	211.85	-62.44	82.34	-17.37	-43.31
54345	93.71	-14.48	-11.67	4.98	207.31	-86.72	88.55	-17.07	-53.09
54346	92.65	-15.53	-11.67	10.65	202.33	-113.76	94.05	-17.73	-64.14
54347	91.52	-16.49	-11.67	16.20	196.99	-143.53	98.84	-19.72	-76.25
54348	90.33	-17.37	-11.67	21.38	191.17	-175.99	102.90	-23.35	-89.10
54349	89.07	-18.17	-11.67	25.93	184.80	-210.95	106.06	-28.79	-102.35
54350	87.77	-18.87	-11.67	29.46	178.00	-248.17	108.20	-36.12	-115.67
54351	86.41	-19.48	-11.67	31.49	170.90	-287.41	109.22	-45.39	-128.73

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
54352	85.02	-19.99	-11.67	31.48	163.74	-328.40	109.11	-56.59	-141.20
54353	83.59	-20.41	-11.67	28.87	156.74	-370.89	107.95	-69.63	-152.72
54354	82.14	-20.72	-11.67	23.12	150.11	-414.59	105.96	-84.28	-162.94
54355	80.67	-20.93	-11.67	13.70	144.02	-459.10	103.54	-100.20	-171.47
54356	79.19	-21.03	-11.67	0.14	138.98	-504.04	101.28	-116.98	-177.82
54357	98.05	-9.70	-11.67	-5.37	191.80	38.25	55.46	-24.54	-24.89
54358	97.30	-11.08	-11.67	-1.90	187.32	23.72	62.91	-25.03	-31.62
54359	96.46	-12.41	-11.67	2.39	182.32	6.35	69.93	-25.97	-39.08
54360	95.53	-13.67	-11.67	7.63	176.81	-14.22	76.52	-27.50	-47.37
54361	94.51	-14.85	-11.67	13.63	170.66	-37.94	82.50	-29.67	-56.39
54362	93.40	-15.97	-11.67	20.00	163.89	-64.64	87.67	-32.69	-66.12
54363	92.22	-17.00	-11.67	26.40	156.57	-94.22	91.93	-36.84	-76.40
54364	90.97	-17.94	-11.67	32.52	148.69	-126.56	95.21	-42.32	-86.98
54365	89.65	-18.79	-11.67	38.08	140.24	-161.51	97.40	-49.25	-97.54
54366	88.28	-19.55	-11.67	42.68	131.35	-198.85	98.35	-57.63	-107.81
54367	86.86	-20.20	-11.67	45.83	122.22	-238.37	97.96	-67.44	-117.51
54368	85.39	-20.76	-11.67	46.94	113.10	-279.81	96.22	-78.57	-126.33
54369	83.88	-21.20	-11.67	45.40	104.26	-322.97	93.20	-90.90	-134.07
54370	82.35	-21.54	-11.67	40.70	95.85	-367.75	89.05	-104.20	-140.65
54371	80.80	-21.76	-11.67	32.62	87.75	-413.85	84.32	-117.81	-146.05
54372	79.23	-21.87	-11.67	20.58	80.10	-460.54	80.16	-130.76	-149.91
54373	98.96	-9.75	-11.67	2.37	159.15	77.81	49.85	-23.16	-30.52
54374	98.20	-11.21	-11.67	7.16	153.30	64.91	57.07	-26.70	-38.68
54375	97.34	-12.62	-11.67	12.40	146.93	48.72	63.60	-31.03	-47.01
54376	96.37	-13.96	-11.67	18.55	140.07	28.89	69.57	-36.34	-55.34
54377	95.31	-15.22	-11.67	25.42	132.47	5.54	74.77	-42.45	-63.46
54378	94.16	-16.41	-11.67	32.69	124.16	-21.07	78.93	-49.39	-71.34
54379	92.93	-17.51	-11.67	40.00	115.25	-50.74	81.94	-57.23	-78.88
54380	91.62	-18.52	-11.67	47.02	105.86	-83.32	83.68	-66.03	-85.90
54381	90.24	-19.42	-11.67	53.42	96.08	-118.64	84.09	-75.74	-92.17
54382	88.80	-20.23	-11.67	58.77	86.09	-156.49	83.07	-86.24	-97.48
54383	87.30	-20.93	-11.67	62.59	76.12	-196.67	80.60	-97.36	-101.66
54384	85.75	-21.52	-11.67	64.27	66.46	-238.96	76.72	-108.85	-104.54
54385	84.17	-21.99	-11.67	63.12	57.37	-283.18	71.56	-120.50	-106.04
54386	82.56	-22.35	-11.67	58.54	49.01	-329.61	65.14	-132.36	-106.41
54387	80.92	-22.59	-11.67	51.05	40.59	-379.53	57.71	-143.96	-106.86
54388	79.28	-22.71	-11.67	41.54	32.61	-432.71	52.04	-151.74	-107.93
54389	99.88	-9.79	-11.67	11.90	125.34	110.96	44.69	-18.79	-38.32
54390	99.10	-11.34	-11.67	17.93	117.66	100.29	50.88	-25.84	-48.36
54391	98.21	-12.83	-11.67	24.65	109.84	84.99	56.35	-34.94	-58.39
54392	97.21	-14.25	-11.67	32.25	101.86	64.94	61.11	-45.37	-67.29
54393	96.11	-15.59	-11.67	40.46	93.25	40.69	64.79	-56.81	-74.65
54394	94.92	-16.85	-11.67	48.92	84.03	12.75	67.08	-69.12	-80.46
54395	93.63	-18.02	-11.67	57.25	74.39	-18.61	67.85	-82.15	-84.69
54396	92.26	-19.09	-11.67	65.08	64.58	-53.16	67.09	-95.73	-87.23
54397	90.82	-20.05	-11.67	72.06	54.83	-90.69	64.79	-109.58	-87.95
54398	89.31	-20.91	-11.67	77.73	45.38	-130.99	60.99	-123.36	-86.77
54399	87.74	-21.65	-11.67	81.61	36.48	-173.83	55.81	-136.67	-83.63
54400	86.12	-22.28	-11.67	83.12	28.40	-219.05	49.42	-149.12	-78.59
54401	84.46	-22.78	-11.67	81.68	21.41	-266.38	42.15	-160.24	-71.73
54402	82.77	-23.17	-11.67	76.15	15.52	-316.69	34.11	-170.68	-63.51
54403	81.05	-23.42	-11.67	68.58	10.21	-374.78	25.73	-180.26	-55.63
54404	79.32	-23.55	-11.67	61.02	6.60	-439.83	19.36	-180.90	-48.09
54405	96.21	-9.62	-13.00	-22.82	325.58	-55.74	87.10	-16.25	-9.69
54406	95.51	-10.82	-13.00	-20.01	322.16	-72.19	96.65	-14.21	-12.93
54407	94.72	-11.98	-13.00	-15.53	318.91	-90.95	105.90	-12.30	-17.26
54408	93.85	-13.08	-13.00	-9.36	315.12	-112.04	114.76	-10.35	-22.88
54409	92.91	-14.11	-13.00	-2.50	310.73	-135.31	122.48	-8.51	-29.80
54410	91.89	-15.08	-13.00	4.11	306.61	-161.04	129.22	-7.36	-38.05
54411	90.82	-15.98	-13.00	10.00	302.20	-189.45	135.38	-7.49	-47.23
54412	89.68	-16.80	-13.00	15.00	297.01	-220.45	140.81	-9.10	-56.91
54413	88.49	-17.54	-13.00	18.83	291.18	-253.79	145.35	-12.17	-66.82
54414	87.25	-18.19	-13.00	20.97	284.77	-289.21	148.83	-16.72	-76.83
54415	85.97	-18.76	-13.00	20.83	278.02	-326.47	151.17	-22.82	-86.74
54416	84.65	-19.23	-13.00	17.72	271.20	-365.36	152.41	-30.50	-96.30
54417	83.31	-19.62	-13.00	10.94	264.61	-405.63	152.67	-39.72	-105.21
54418	81.94	-19.90	-13.00	-0.23	258.54	-447.02	152.19	-50.40	-113.17
54419	80.55	-20.10	-13.00	-16.44	253.19	-489.33	151.28	-62.43	-119.93
54420	79.15	-20.20	-13.00	-38.22	248.62	-532.26	150.47	-75.59	-125.30
54421	97.13	-9.66	-13.00	-14.06	292.11	-5.41	81.35	-20.61	-10.80
54422	96.40	-10.95	-13.00	-11.26	286.90	-20.99	91.05	-18.77	-14.42
54423	95.59	-12.19	-13.00	-6.96	281.78	-39.27	100.26	-17.52	-19.26
54424	94.69	-13.37	-13.00	-1.10	275.82	-60.77	109.14	-16.52	-24.82
54425	93.71	-14.48	-13.00	5.76	269.14	-85.09	117.05	-15.69	-31.48
54426	92.65	-15.53	-13.00	12.76	261.99	-112.19	123.86	-15.50	-39.23
54427	91.52	-16.49	-13.00	19.29	254.41	-142.08	129.74	-16.34	-47.81
54428	90.33	-17.37	-13.00	25.06	246.07	-174.69	134.73	-18.44	-56.89
54429	89.07	-18.17	-13.00	29.74	236.87	-209.85	138.60	-21.88	-66.19
54430	87.77	-18.87	-13.00	32.82	226.98	-247.33	141.16	-26.69	-75.50
54431	86.41	-19.48	-13.00	33.66	216.68	-286.88	142.32	-32.88	-84.59
54432	85.02	-19.99	-13.00	31.54	206.32	-328.28	142.11	-40.44	-93.24
54433	83.59	-20.41	-13.00	25.66	196.32	-371.27	140.68	-49.32	-101.17
54434	82.14	-20.72	-13.00	15.22	187.03	-415.58	138.26	-59.34	-108.10
54435	80.67	-20.93	-13.00	-0.47	178.80	-460.78	135.26	-70.30	-113.60
54436	79.19	-21.03	-13.00	-21.97	171.69	-507.06	132.12	-82.24	-117.75
54437	98.05	-9.70	-13.00	-2.72	257.46	43.10	75.40	-22.94	-13.25
54438	97.30	-11.08	-13.00	0.70	250.50	28.23	84.84	-21.99	-17.51
54439	96.46	-12.41	-13.00	5.49	243.57	10.38	93.60	-22.16	-22.72
54440	95.53	-13.67	-13.00	11.60	235.61	-11.23	102.01	-22.99	-28.22
54441	94.51	-14.85	-13.00	18.66	226.56	-36.21	109.50	-24.20	-34.17
54442	93.40	-15.97	-13.00	26.05	216.67	-64.35	115.79	-25.95	-40.68
54443	92.22	-17.00	-13.00	33.16	206.07	-95.52	120.84	-28.50	-47.63
54444	90.97	-17.94	-13.00	39.56	194.74	-129.60	124.60	-32.00	-54.80
54445	89.65	-18.79	-13.00	44.84	182.67	-166.41	126.96	-36.52	-61.95
54446	88.28	-19.55	-13.00	48.48	170.03	-205.75	127.77	-42.06	-68.89
54447	86.86	-20.20	-13.00	49.82	157.14	-247.38	126.96	-48.59	-75.41
54448	85.39	-20.76	-13.00	48.12	144.39	-291.06	124.63	-56.02	-81.30
54449	83.88	-21.20	-13.00	42.52	132.22	-336.53	121.00	-64.25	-86.36
54450	82.35	-21.54	-13.00	32.26	121.15	-383.65	116.39	-73.17	-90.50

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
54451	80.80	-21.76	-13.00	16.65	110.88	-431.98	111.12	-82.23	-93.64
54452	79.23	-21.87	-13.00	-4.52	102.36	-479.62	106.28	-90.95	-94.24
54453	98.96	-9.75	-13.00	8.25	220.38	88.68	69.91	-21.25	-17.66
54454	98.20	-11.21	-13.00	13.58	211.22	74.41	79.07	-22.28	-23.10
54455	97.34	-12.62	-13.00	19.91	202.12	56.93	87.13	-25.01	-28.98
54456	96.37	-13.96	-13.00	27.45	191.91	35.16	94.55	-28.73	-34.48
54457	95.31	-15.22	-13.00	35.75	180.53	9.61	100.78	-32.97	-39.71
54458	94.16	-16.41	-13.00	44.26	168.19	-19.47	105.50	-37.76	-44.72
54459	92.93	-17.51	-13.00	52.42	155.14	-51.90	108.56	-43.16	-49.47
54460	91.62	-18.52	-13.00	59.72	141.57	-87.49	109.89	-49.19	-53.82
54461	90.24	-19.42	-13.00	65.64	127.66	-126.05	109.47	-55.83	-57.63
54462	88.80	-20.23	-13.00	69.63	113.65	-167.37	107.28	-62.97	-60.74
54463	87.30	-20.93	-13.00	71.03	99.88	-211.21	103.40	-70.47	-63.03
54464	85.75	-21.52	-13.00	69.12	86.74	-257.35	98.03	-78.16	-64.40
54465	84.17	-21.99	-13.00	63.12	74.65	-305.44	91.59	-85.78	-64.70
54466	82.56	-22.35	-13.00	51.90	63.87	-355.47	84.33	-93.50	-64.01
54467	80.92	-22.59	-13.00	35.50	54.60	-408.74	76.30	-101.60	-63.47
54468	79.28	-22.71	-13.00	14.82	40.34	-464.54	68.43	-107.26	-66.13
54469	99.88	-9.79	-13.00	18.60	180.30	123.70	65.11	-13.71	-24.21
54470	99.10	-11.34	-13.00	26.73	167.59	112.23	73.21	-18.44	-32.17
54471	98.21	-12.83	-13.00	35.87	155.89	94.94	80.36	-25.33	-40.41
54472	97.21	-14.25	-13.00	46.08	143.42	72.18	86.33	-33.25	-46.94
54473	96.11	-15.59	-13.00	56.72	129.91	45.06	90.39	-41.80	-52.07
54474	94.92	-16.85	-13.00	67.21	115.65	13.94	92.27	-50.94	-55.94
54475	93.63	-18.02	-13.00	76.98	101.04	-20.92	91.90	-60.59	-58.57
54476	92.26	-19.09	-13.00	85.42	86.48	-59.29	89.32	-70.58	-59.89
54477	90.82	-20.05	-13.00	91.97	72.35	-100.94	84.67	-80.70	-59.82
54478	89.31	-20.91	-13.00	96.01	59.00	-145.61	78.14	-90.70	-58.30
54479	87.74	-21.65	-13.00	96.89	46.79	-193.07	70.04	-100.27	-55.32
54480	86.12	-22.28	-13.00	93.96	36.05	-242.99	60.82	-109.06	-50.90
54481	84.46	-22.78	-13.00	86.53	26.97	-295.47	51.04	-116.90	-45.23
54482	82.77	-23.17	-13.00	73.87	20.01	-348.77	41.59	-123.08	-38.08
54483	81.05	-23.42	-13.00	51.81	13.95	-411.48	30.86	-134.77	-31.42
54484	79.32	-23.55	-13.00	37.03	5.08	-501.28	20.15	-141.34	-35.88
54485	96.21	-9.62	-14.33	-35.71	397.09	-54.96	112.18	-17.59	3.32
54486	95.51	-10.82	-14.33	-33.80	395.79	-70.09	122.67	-15.20	1.00
54487	94.72	-11.98	-14.33	-29.58	392.58	-88.26	135.55	-14.90	-0.40
54488	93.85	-13.08	-14.33	-20.89	387.44	-108.94	148.01	-13.67	-2.36
54489	92.91	-14.11	-14.33	-10.20	382.48	-131.94	157.58	-11.83	-5.43
54490	91.89	-15.08	-14.33	-0.15	378.35	-157.40	165.79	-10.36	-9.30
54491	90.82	-15.98	-14.33	8.60	373.55	-185.41	173.58	-9.69	-13.51
54492	89.68	-16.80	-14.33	16.05	367.10	-215.90	180.74	-9.85	-17.75
54493	88.49	-17.54	-14.33	21.99	359.19	-248.61	186.80	-10.70	-21.95
54494	87.25	-18.19	-14.33	25.82	350.12	-283.36	191.42	-12.22	-26.13
54495	85.97	-18.76	-14.33	26.77	340.28	-319.94	194.45	-14.41	-30.23
54496	84.65	-19.23	-14.33	23.91	330.10	-358.16	195.84	-17.29	-34.15
54497	83.31	-19.62	-14.33	16.26	320.10	-397.80	195.69	-20.82	-37.77
54498	81.94	-19.90	-14.33	2.82	310.72	-438.68	194.18	-24.98	-40.97
54499	80.55	-20.10	-14.33	-17.32	302.23	-480.55	191.68	-29.72	-43.65
54500	79.15	-20.20	-14.33	-44.93	294.69	-523.27	188.89	-34.95	-45.78
54501	97.13	-9.66	-14.33	-19.05	361.59	-4.02	104.12	-17.33	2.06
54502	96.40	-10.95	-14.33	-16.82	358.28	-18.88	114.53	-14.51	-0.68
54503	95.59	-12.19	-14.33	-12.65	352.92	-37.21	126.57	-14.01	-2.69
54504	94.69	-13.37	-14.33	-6.33	345.55	-58.84	138.55	-13.37	-4.72
54505	93.71	-14.48	-14.33	1.72	336.86	-83.47	149.35	-12.71	-7.29
54506	92.65	-15.53	-14.33	10.20	327.43	-110.95	158.73	-12.27	-10.43
54507	91.52	-16.49	-14.33	18.23	317.06	-141.21	167.02	-12.28	-13.96
54508	90.33	-17.37	-14.33	25.45	305.24	-174.15	174.19	-12.84	-17.69
54509	89.07	-18.17	-14.33	31.40	291.83	-209.58	179.84	-13.97	-21.50
54510	87.77	-18.87	-14.33	35.43	277.13	-247.31	183.64	-15.67	-25.32
54511	86.41	-19.48	-14.33	36.70	261.60	-287.13	185.41	-17.94	-29.05
54512	85.02	-19.99	-14.33	34.20	245.81	-328.82	185.16	-20.78	-32.59
54513	83.59	-20.41	-14.33	26.77	230.51	-372.16	183.07	-24.19	-35.86
54514	82.14	-20.72	-14.33	13.15	216.51	-416.85	179.33	-28.06	-38.64
54515	80.67	-20.93	-14.33	-7.62	204.22	-462.79	174.12	-32.37	-40.77
54516	79.19	-21.03	-14.33	-36.13	193.25	-509.41	167.95	-37.19	-42.39
54517	98.05	-9.70	-14.33	0.08	324.48	46.00	96.57	-17.73	1.00
54518	97.30	-11.08	-14.33	2.54	319.30	31.32	106.46	-15.10	-2.24
54519	96.46	-12.41	-14.33	6.74	311.48	12.69	117.79	-15.16	-4.39
54520	95.53	-13.67	-14.33	12.58	301.45	-9.70	128.97	-15.27	-6.44
54521	94.51	-14.85	-14.33	19.77	289.52	-35.56	139.32	-15.54	-8.64
54522	93.40	-15.97	-14.33	27.59	276.04	-64.72	148.34	-16.00	-11.10
54523	92.22	-17.00	-14.33	35.28	261.14	-97.02	155.87	-16.76	-13.78
54524	90.97	-17.94	-14.33	42.25	244.79	-132.31	161.75	-17.90	-16.58
54525	89.65	-18.79	-14.33	47.96	226.99	-170.39	165.72	-19.46	-19.39
54526	88.28	-19.55	-14.33	51.68	208.05	-211.06	167.51	-21.42	-22.15
54527	86.86	-20.20	-14.33	52.54	188.45	-254.09	167.00	-23.79	-24.75
54528	85.39	-20.76	-14.33	49.54	168.85	-299.25	164.30	-26.52	-27.12
54529	83.88	-21.20	-14.33	41.56	150.05	-346.22	159.80	-29.55	-29.10
54530	82.35	-21.54	-14.33	27.14	133.34	-394.96	154.18	-32.97	-30.86
54531	80.80	-21.76	-14.33	4.64	120.13	-444.34	147.21	-36.18	-31.32
54532	79.23	-21.87	-14.33	-25.93	109.14	-496.36	138.15	-39.89	-31.22
54533	98.96	-9.75	-14.33	20.23	284.86	95.89	90.26	-17.61	-0.81
54534	98.20	-11.21	-14.33	23.66	277.42	81.16	99.46	-15.26	-4.41
54535	97.34	-12.62	-14.33	29.25	266.80	62.21	109.56	-16.37	-6.53
54536	96.37	-13.96	-14.33	36.59	253.84	39.06	119.20	-17.64	-8.36
54537	95.31	-15.22	-14.33	44.92	238.92	12.01	127.69	-19.13	-10.06
54538	94.16	-16.41	-14.33	53.59	222.35	-18.75	134.52	-20.81	-11.70
54539	92.93	-17.51	-14.33	61.90	204.40	-53.03	139.40	-22.71	-13.26
54540	91.62	-18.52	-14.33	69.19	185.31	-90.64	142.15	-24.82	-14.68
54541	90.24	-19.42	-14.33	74.81	165.31	-131.37	142.62	-27.15	-15.92
54542	88.80	-20.23	-14.33	77.99	144.78	-174.99	140.72	-29.66	-16.90
54543	87.30	-20.93	-14.33	77.86	124.23	-221.26	136.51	-32.30	-17.60
54544	85.75	-21.52	-14.33	73.49	104.28	-269.89	130.28	-34.98	-17.94
54545	84.17	-21.99	-14.33	63.95	85.55	-320.75	122.61	-37.63	-17.95
54546	82.56	-22.35	-14.33	48.51	69.07	-372.68	114.84	-39.83	-16.89
54547	80.92	-22.59	-14.33	24.08	57.88	-429.50	108.79	-43.33	-17.84
54548	79.28	-22.71	-14.33	-10.13	54.65	-475.24	99.31	-41.39	-9.71
54549	99.88	-9.79	-14.33	35.85	240.27	138.12	85.71	-11.92	-3.03



Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
54550	99.10	-11.34	-14.33	42.68	227.69	124.90	93.79	-11.79	-9.53
54551	98.21	-12.83	-14.33	53.47	213.27	105.67	103.10	-15.50	-13.26
54552	97.21	-14.25	-14.33	65.38	196.72	81.46	110.58	-18.97	-15.82
54553	96.11	-15.59	-14.33	77.74	178.58	52.93	115.68	-22.74	-17.73
54554	94.92	-16.85	-14.33	89.75	159.32	20.27	118.06	-26.75	-19.05
54555	93.63	-18.02	-14.33	100.64	139.46	-16.29	117.57	-30.93	-19.79
54556	92.26	-19.09	-14.33	109.62	119.52	-56.54	114.26	-35.22	-19.94
54557	90.82	-20.05	-14.33	115.89	99.98	-100.23	108.25	-39.52	-19.47
54558	89.31	-20.91	-14.33	118.62	81.36	-147.11	99.82	-43.70	-18.35
54559	87.74	-21.65	-14.33	116.98	64.14	-196.89	89.41	-47.63	-16.60
54560	86.12	-22.28	-14.33	110.15	48.76	-249.36	77.67	-51.16	-14.23
54561	84.46	-22.78	-14.33	97.49	35.74	-303.79	65.47	-54.12	-11.27
54562	82.77	-23.17	-14.33	78.53	24.65	-362.19	53.97	-56.64	-8.37
54563	81.05	-23.42	-14.33	53.56	19.45	-411.63	46.19	-55.87	0.11
54564	79.32	-23.55	-14.33	4.21	18.20	-541.60	44.26	-89.82	-22.12
54565	77.75	-20.20	-11.67	-39.62	200.65	-592.08	116.37	-127.38	-192.47
54566	76.35	-20.10	-11.67	-63.98	199.81	-635.46	117.69	-147.69	-195.44
54567	74.96	-19.90	-11.67	-93.47	200.01	-678.23	120.71	-167.76	-195.70
54568	73.59	-19.62	-11.67	-128.33	201.20	-719.92	125.94	-186.89	-193.20
54569	72.25	-19.23	-11.67	-168.73	203.38	-760.14	133.96	-204.26	-188.12
54570	70.93	-18.76	-11.67	-214.83	206.56	-798.47	145.29	-218.96	-180.79
54571	69.65	-18.19	-11.67	-266.79	210.81	-834.44	160.44	-230.00	-171.78
54572	68.41	-17.54	-11.67	-324.93	216.30	-867.57	179.84	-236.36	-161.89
54573	67.22	-16.80	-11.67	-389.84	223.40	-897.33	203.82	-236.99	-152.16
54574	66.08	-15.98	-11.67	-462.47	232.99	-923.07	232.89	-230.81	-143.77
54575	65.01	-15.08	-11.67	-544.58	244.71	-944.35	266.41	-216.38	-137.84
54576	63.99	-14.11	-11.67	-640.94	261.62	-960.50	303.91	-192.35	-136.67
54577	63.05	-13.08	-11.67	-756.26	286.04	-970.84	344.41	-158.18	-139.81
54578	62.18	-11.98	-11.67	-896.21	320.42	-974.61	384.82	-112.40	-147.32
54579	61.39	-10.82	-11.67	-1064.91	367.04	-970.39	416.29	-55.08	-155.06
54580	60.69	-9.62	-11.67	-1262.30	423.53	-956.99	426.69	12.94	-156.92
54581	77.71	-21.03	-11.67	-18.11	135.31	-549.46	99.53	-134.30	-181.97
54582	76.23	-20.93	-11.67	-41.39	133.15	-595.02	98.92	-151.30	-183.76
54583	74.76	-20.72	-11.67	-69.81	132.40	-639.97	100.00	-167.39	-182.95
54584	73.31	-20.41	-11.67	-103.46	132.71	-683.99	103.60	-181.75	-179.86
54585	71.88	-19.99	-11.67	-142.33	134.05	-726.78	110.49	-193.39	-174.88
54586	70.49	-19.48	-11.67	-186.39	136.40	-767.88	121.30	-201.29	-168.56
54587	69.13	-18.87	-11.67	-235.53	139.69	-806.81	136.60	-204.42	-161.75
54588	67.83	-18.17	-11.67	-289.80	143.98	-843.04	156.90	-201.67	-155.58
54589	66.57	-17.37	-11.67	-349.56	149.52	-875.99	182.75	-191.94	-151.54
54590	65.38	-16.49	-11.67	-415.82	156.57	-905.09	214.64	-174.00	-151.37
54591	64.25	-15.53	-11.67	-491.12	166.20	-929.77	252.86	-146.54	-157.16
54592	63.19	-14.48	-11.67	-580.62	180.59	-949.45	298.11	-108.14	-170.63
54593	62.21	-13.37	-11.67	-693.86	202.89	-963.38	351.07	-56.50	-192.72
54594	61.31	-12.19	-11.67	-846.46	238.49	-969.65	409.10	11.77	-221.35
54595	60.50	-10.95	-11.67	-1057.43	293.15	-964.47	460.50	100.59	-249.04
54596	59.77	-9.66	-11.67	-1335.11	366.09	-943.21	478.59	210.46	-260.78
54597	77.67	-21.87	-11.67	3.63	75.50	-507.40	77.76	-142.61	-150.81
54598	76.10	-21.76	-11.67	-18.44	74.02	-554.12	75.51	-153.63	-148.79
54599	74.55	-21.54	-11.67	-45.12	73.16	-600.44	74.75	-163.19	-145.45
54600	73.02	-21.20	-11.67	-76.13	72.89	-646.43	76.87	-169.91	-141.38
54601	71.51	-20.76	-11.67	-111.52	73.35	-691.71	82.69	-172.62	-137.01
54602	70.04	-20.20	-11.67	-150.94	74.47	-735.69	92.72	-170.39	-133.09
54603	68.62	-19.55	-11.67	-193.90	76.05	-777.82	107.39	-162.31	-130.82
54604	67.25	-18.79	-11.67	-240.03	77.99	-817.58	127.10	-147.40	-131.83
54605	65.93	-17.94	-11.67	-289.28	80.33	-854.43	152.23	-124.66	-138.16
54606	64.68	-17.00	-11.67	-342.39	83.43	-887.86	183.22	-93.12	-152.26
54607	63.50	-15.97	-11.67	-401.69	88.21	-917.58	220.95	-51.76	-176.82
54608	62.39	-14.85	-11.67	-472.69	96.23	-943.46	267.42	0.75	-214.42
54609	61.37	-13.67	-11.67	-566.88	109.64	-964.93	326.95	66.83	-266.67
54610	60.44	-12.41	-11.67	-716.93	132.29	-981.08	407.63	154.74	-332.84
54611	59.60	-11.08	-11.67	-983.13	183.14	-986.77	501.11	280.43	-399.95
54612	58.85	-9.70	-11.67	-1410.61	277.32	-974.07	547.81	452.36	-430.59
54613	77.62	-22.71	-11.67	25.90	28.44	-481.31	50.94	-152.50	-103.74
54614	75.98	-22.59	-11.67	4.12	28.01	-525.04	47.78	-155.29	-94.67
54615	74.34	-22.35	-11.67	-19.65	27.77	-571.11	45.43	-156.77	-87.43
54616	72.73	-21.99	-11.67	-46.22	27.04	-619.08	46.73	-153.14	-82.40
54617	71.15	-21.52	-11.67	-75.90	26.45	-667.05	51.95	-143.62	-79.44
54618	69.60	-20.93	-11.67	-107.83	25.71	-714.03	61.15	-127.84	-79.68
54619	68.10	-20.23	-11.67	-141.01	24.53	-759.50	74.35	-105.16	-84.86
54620	66.66	-19.42	-11.67	-174.62	22.74	-802.91	91.49	-74.91	-97.23
54621	65.28	-18.52	-11.67	-208.17	20.45	-843.78	112.42	-36.52	-119.53
54622	63.97	-17.51	-11.67	-241.85	18.15	-881.82	137.09	10.42	-154.96
54623	62.74	-16.41	-11.67	-277.25	16.73	-917.27	166.05	66.05	-207.02
54624	61.59	-15.22	-11.67	-318.27	17.05	-951.08	201.67	130.24	-278.92
54625	60.53	-13.96	-11.67	-376.16	17.87	-985.11	250.69	203.52	-372.80
54626	59.56	-12.62	-11.67	-473.52	13.03	-1019.60	333.26	289.47	-487.70
54627	58.70	-11.21	-11.67	-761.11	-2.55	-1082.89	507.39	442.60	-631.60
54628	57.94	-9.75	-11.67	-1502.05	107.00	-1152.61	678.12	799.78	-730.30
54629	77.58	-23.55	-11.67	46.68	4.67	-491.89	17.59	-167.76	-37.30
54630	75.85	-23.42	-11.67	25.86	4.09	-530.65	14.76	-159.38	-24.12
54631	74.13	-23.17	-11.67	6.04	4.22	-575.38	13.34	-150.85	-13.92
54632	72.44	-22.78	-11.67	-14.11	3.32	-626.18	15.44	-134.10	-8.55
54633	70.78	-22.28	-11.67	-35.89	1.41	-677.56	21.03	-108.97	-8.36
54634	69.16	-21.65	-11.67	-57.38	-1.90	-727.88	29.58	-76.15	-15.20
54635	67.59	-20.91	-11.67	-77.26	-6.97	-776.63	40.55	-35.31	-31.62
54636	66.08	-20.05	-11.67	-94.40	-13.77	-823.14	53.05	13.66	-60.64
54637	64.64	-19.09	-11.67	-108.00	-21.74	-866.91	65.95	70.63	-105.86
54638	63.27	-18.02	-11.67	-117.87	-29.73	-907.87	78.08	134.95	-171.34
54639	61.98	-16.85	-11.67	-124.65	-36.02	-946.85	88.70	205.09	-261.28
54640	60.79	-15.59	-11.67	-130.95	-39.22	-986.52	98.28	277.93	-378.74
54641	59.69	-14.25	-11.67	-140.04	-41.33	-1030.39	111.78	347.45	-523.28
54642	58.69	-12.83	-11.67	-175.32	-58.70	-1099.14	139.04	410.47	-685.10
54643	57.80	-11.34	-11.67	-228.61	-148.38	-1202.42	242.23	431.36	-854.95
54644	57.02	-9.79	-11.67	-267.01	-456.05	-1991.19	781.98	1137.90	-1122.34
54645	77.75	-20.20	-13.00	-66.07	244.88	-575.69	150.39	-89.61	-129.13
54646	76.35	-20.10	-13.00	-100.51	242.22	-619.32	151.91	-104.01	-131.19
54647	74.96	-19.90	-13.00	-141.85	240.79	-662.77	155.96	-118.27	-131.32
54648	73.59	-19.62	-13.00	-190.40	240.70	-705.77	163.26	-131.89	-129.44

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{XX}$ [kPa]	$\sigma_{YY}$ [kPa]	$\sigma_{ZZ}$ [kPa]	$\tau_{XY}$ [kPa]	$\tau_{XZ}$ [kPa]	$\tau_{YZ}$ [kPa]
54649	72.25	-19.23	-13.00	-246.30	241.99	-747.99	174.49	-144.35	-125.63
54650	70.93	-18.76	-13.00	-309.54	244.67	-789.13	190.30	-155.00	-120.12
54651	69.65	-18.19	-13.00	-380.05	248.79	-828.87	211.24	-163.11	-113.32
54652	68.41	-17.54	-13.00	-457.85	254.59	-866.89	237.76	-167.95	-105.79
54653	67.22	-16.80	-13.00	-543.18	262.64	-902.83	270.07	-168.71	-98.31
54654	66.08	-15.98	-13.00	-636.45	274.24	-936.24	308.43	-164.55	-91.69
54655	65.01	-15.08	-13.00	-738.77	289.48	-966.81	351.59	-154.19	-86.84
54656	63.99	-14.11	-13.00	-854.18	312.57	-993.87	398.38	-136.46	-85.91
54657	63.05	-13.08	-13.00	-985.91	346.56	-1016.78	446.93	-110.69	-88.42
54658	62.18	-11.98	-13.00	-1137.83	394.48	-1035.14	492.94	-74.70	-94.55
54659	61.39	-10.82	-13.00	-1311.82	458.91	-1047.96	526.65	-27.50	-101.28
54660	60.69	-9.62	-13.00	-1505.49	536.33	-1054.22	535.02	31.57	-103.70
54661	77.71	-21.03	-13.00	-49.49	165.65	-553.85	129.71	-94.55	-120.55
54662	76.23	-20.93	-13.00	-83.44	160.83	-600.85	129.29	-106.77	-121.87
54663	74.76	-20.72	-13.00	-124.32	157.52	-648.06	131.93	-118.13	-121.52
54664	73.31	-20.41	-13.00	-172.20	155.87	-694.70	138.40	-128.35	-119.28
54665	71.88	-19.99	-13.00	-226.94	155.70	-740.60	149.50	-136.78	-115.55
54666	70.49	-19.48	-13.00	-288.16	156.90	-785.45	165.92	-142.68	-110.76
54667	69.13	-18.87	-13.00	-355.43	159.35	-828.90	188.31	-145.30	-105.49
54668	67.83	-18.17	-13.00	-428.38	163.19	-870.56	217.16	-143.83	-100.57
54669	66.57	-17.37	-13.00	-506.89	168.99	-910.05	252.83	-137.39	-97.07
54670	65.38	-16.49	-13.00	-591.34	177.53	-946.96	295.42	-124.98	-96.30
54671	64.25	-15.53	-13.00	-683.47	190.83	-980.82	344.55	-105.45	-99.95
54672	63.19	-14.48	-13.00	-787.23	212.38	-1011.12	399.88	-77.38	-109.47
54673	62.21	-13.37	-13.00	-909.45	246.86	-1037.09	460.30	-38.05	-126.01
54674	61.31	-12.19	-13.00	-1061.04	300.68	-1057.20	521.14	17.51	-148.85
54675	60.50	-10.95	-13.00	-1253.64	379.73	-1068.08	569.57	96.01	-173.04
54676	59.77	-9.66	-13.00	-1488.06	480.18	-1067.76	579.95	201.37	-185.16
54677	77.67	-21.87	-13.00	-31.62	95.30	-529.58	102.06	-100.74	-94.67
54678	76.10	-21.76	-13.00	-64.83	89.70	-581.56	100.66	-108.25	-94.94
54679	74.55	-21.54	-13.00	-104.13	85.91	-631.94	102.41	-114.75	-92.78
54680	73.02	-21.20	-13.00	-149.54	82.99	-682.02	108.63	-119.47	-89.86
54681	71.51	-20.76	-13.00	-200.48	81.24	-731.63	119.90	-121.51	-86.56
54682	70.04	-20.20	-13.00	-256.16	80.20	-780.29	136.84	-120.25	-83.38
54683	68.62	-19.55	-13.00	-315.63	79.62	-827.64	159.87	-115.00	-81.22
54684	67.25	-18.79	-13.00	-378.01	79.52	-873.29	189.29	-105.02	-81.23
54685	65.93	-17.94	-13.00	-442.70	80.35	-916.83	225.15	-89.52	-84.88
54686	64.68	-17.00	-13.00	-509.74	83.23	-957.88	267.34	-67.65	-94.02
54687	63.50	-15.97	-13.00	-580.61	90.41	-996.11	315.84	-38.48	-110.72
54688	62.39	-14.85	-13.00	-659.30	105.42	-1031.17	371.24	-0.54	-137.28
54689	61.37	-13.67	-13.00	-755.04	133.38	-1062.27	435.08	49.65	-176.19
54690	60.44	-12.41	-13.00	-887.80	182.34	-1087.40	508.40	121.92	-229.61
54691	59.60	-11.08	-13.00	-1093.63	265.33	-1104.76	581.21	238.16	-292.27
54692	58.85	-9.70	-13.00	-1394.88	389.34	-1108.20	605.68	419.74	-329.11
54693	77.62	-22.71	-13.00	-11.80	34.26	-517.80	69.31	-106.59	-62.68
54694	75.98	-22.59	-13.00	-44.23	36.12	-568.23	66.18	-108.80	-53.42
54695	74.34	-22.35	-13.00	-80.41	32.28	-620.26	67.62	-109.92	-48.21
54696	72.73	-21.99	-13.00	-120.79	28.82	-673.94	74.51	-106.96	-44.59
54697	71.15	-21.52	-13.00	-164.84	25.15	-727.36	86.75	-100.00	-42.20
54698	69.60	-20.93	-13.00	-210.80	20.78	-779.87	104.29	-88.91	-41.88
54699	68.10	-20.23	-13.00	-257.18	15.27	-831.16	127.08	-73.12	-44.97
54700	66.66	-19.42	-13.00	-302.63	8.68	-880.81	154.67	-52.13	-53.03
54701	65.28	-18.52	-13.00	-346.04	1.64	-928.42	186.33	-25.46	-68.04
54702	63.97	-17.51	-13.00	-387.00	-4.27	-973.69	221.14	7.26	-92.35
54703	62.74	-16.41	-13.00	-426.35	-6.39	-1016.52	258.55	46.26	-128.62
54704	61.59	-15.22	-13.00	-467.39	-1.11	-1057.14	299.26	91.84	-179.74
54705	60.53	-13.96	-13.00	-517.98	15.36	-1095.01	347.13	145.09	-249.19
54706	59.56	-12.62	-13.00	-569.65	44.90	-1131.34	414.27	215.04	-344.14
54707	58.70	-11.21	-13.00	-780.71	100.63	-1177.99	513.94	344.89	-466.31
54708	57.94	-9.75	-13.00	-1133.25	199.37	-1349.16	591.73	656.11	-559.30
54709	77.58	-23.55	-13.00	11.01	2.42	-558.86	30.10	-110.04	-27.45
54710	75.85	-23.42	-13.00	-25.51	5.28	-583.91	26.08	-110.01	-6.79
54711	74.13	-23.17	-13.00	-52.74	3.36	-635.03	28.50	-108.47	0.79
54712	72.44	-22.78	-13.00	-85.80	-0.81	-693.75	38.06	-94.82	4.62
54713	70.78	-22.28	-13.00	-119.10	-7.02	-750.78	52.21	-76.28	5.15
54714	69.16	-21.65	-13.00	-150.49	-16.38	-807.16	70.55	-52.17	0.48
54715	67.59	-20.91	-13.00	-177.97	-29.23	-862.02	91.92	-22.45	-11.11
54716	66.08	-20.05	-13.00	-199.82	-45.30	-914.95	114.62	13.02	-31.83
54717	64.64	-19.09	-13.00	-214.71	-63.28	-965.50	136.48	54.15	-64.30
54718	63.27	-18.02	-13.00	-222.07	-80.57	-1013.38	155.07	100.48	-111.52
54719	61.98	-16.85	-13.00	-222.55	-93.12	-1058.75	168.21	150.84	-176.59
54720	60.79	-15.59	-13.00	-218.54	-96.01	-1101.87	175.23	202.87	-262.10
54721	59.69	-14.25	-13.00	-216.57	-86.17	-1144.46	179.13	253.50	-369.45
54722	58.69	-12.83	-13.00	-224.62	-70.90	-1183.55	191.93	290.68	-494.36
54723	57.80	-11.34	-13.00	-319.03	-85.96	-1280.76	266.21	360.47	-633.03
54724	57.02	-9.79	-13.00	-435.66	-110.20	-1565.14	372.16	526.21	-740.22
54725	77.75	-20.20	-14.33	-80.74	288.17	-566.53	186.71	-40.59	-47.29
54726	76.35	-20.10	-14.33	-125.50	283.06	-610.10	186.43	-46.41	-48.08
54727	74.96	-19.90	-14.33	-179.74	279.72	-653.82	189.40	-52.21	-48.09
54728	73.59	-19.62	-14.33	-243.88	278.43	-697.40	196.71	-57.80	-47.27
54729	72.25	-19.23	-14.33	-318.09	279.38	-740.61	209.33	-62.99	-45.62
54730	70.93	-18.76	-14.33	-402.26	282.52	-783.21	228.20	-67.54	-43.24
54731	69.65	-18.19	-14.33	-496.10	287.81	-824.97	254.16	-71.16	-40.27
54732	68.41	-17.54	-14.33	-599.26	295.41	-865.67	287.88	-73.55	-36.95
54733	67.22	-16.80	-14.33	-711.52	305.93	-905.09	329.67	-74.43	-33.58
54734	66.08	-15.98	-14.33	-832.74	321.01	-942.93	379.82	-73.48	-30.43
54735	65.01	-15.08	-14.33	-963.03	340.86	-979.07	436.79	-70.11	-27.87
54736	63.99	-14.11	-14.33	-1105.23	370.91	-1013.09	498.50	-63.83	-27.29
54737	63.05	-13.08	-14.33	-1261.34	416.12	-1044.67	562.05	-54.64	-28.13
54738	62.18	-11.98	-14.33	-1434.57	479.77	-1073.68	620.92	-40.85	-30.86
54739	61.39	-10.82	-14.33	-1626.51	565.80	-1099.72	663.51	-21.64	-33.69
54740	60.69	-9.62	-14.33	-1831.50	669.85	-1121.27	676.71	1.02	-35.07
54741	77.71	-21.03	-14.33	-72.79	183.19	-556.95	162.33	-42.21	-43.57
54742	76.23	-20.93	-14.33	-118.24	174.34	-605.14	159.20	-47.24	-44.27
54743	74.76	-20.72	-14.33	-173.18	167.61	-653.24	160.42	-51.92	-44.28
54744	73.31	-20.41	-14.33	-237.99	163.79	-701.29	167.03	-56.17	-43.41
54745	71.88	-19.99	-14.33	-312.49	162.84	-748.91	179.91	-59.78	-41.78
54746	70.49	-19.48	-14.33	-395.98	164.32	-795.87	200.07	-62.44	-39.63
54747	69.13	-18.87	-14.33	-487.62	167.90	-841.90	228.53	-63.84	-37.16

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
54748	67.83	-18.17	-14.33	-586.56	173.60	-886.73	266.07	-63.65	-34.71
54749	66.57	-17.37	-14.33	-692.05	182.07	-930.08	313.19	-61.49	-32.70
54750	65.38	-16.49	-14.33	-803.61	194.36	-971.72	369.92	-56.91	-31.64
54751	64.25	-15.53	-14.33	-921.78	213.18	-1011.35	435.48	-49.39	-32.35
54752	63.19	-14.48	-14.33	-1049.00	243.44	-1048.66	508.65	-38.28	-35.41
54753	62.21	-13.37	-14.33	-1189.73	291.88	-1083.39	586.78	-22.16	-41.47
54754	61.31	-12.19	-14.33	-1350.36	367.94	-1114.86	662.68	1.64	-50.49
54755	60.50	-10.95	-14.33	-1535.55	480.30	-1142.13	720.73	37.29	-61.19
54756	59.77	-9.66	-14.33	-1737.14	624.47	-1160.69	733.99	85.39	-67.63
54757	77.67	-21.87	-14.33	-63.46	97.23	-548.18	128.73	-44.11	-31.44
54758	76.10	-21.76	-14.33	-108.33	84.53	-599.51	123.77	-47.46	-31.95
54759	74.55	-21.54	-14.33	-162.23	74.44	-652.60	125.26	-49.90	-31.91
54760	73.02	-21.20	-14.33	-225.67	68.45	-704.90	132.91	-52.01	-30.59
54761	71.51	-20.76	-14.33	-297.21	65.30	-756.95	147.04	-53.06	-29.15
54762	70.04	-20.20	-14.33	-375.35	63.85	-808.23	168.92	-52.91	-27.55
54763	68.62	-19.55	-14.33	-458.71	63.55	-858.51	199.50	-51.25	-26.21
54764	67.25	-18.79	-14.33	-545.79	64.29	-907.47	239.31	-47.76	-25.55
54765	65.93	-17.94	-14.33	-635.15	66.58	-954.83	288.48	-42.07	-26.17
54766	64.68	-17.00	-14.33	-725.68	71.94	-1000.28	346.68	-33.81	-28.80
54767	63.50	-15.97	-14.33	-817.38	83.54	-1043.54	413.31	-22.51	-34.34
54768	62.39	-14.85	-14.33	-912.13	106.74	-1084.37	487.87	-7.39	-43.80
54769	61.37	-13.67	-14.33	-1015.02	150.35	-1122.38	569.55	13.49	-58.56
54770	60.44	-12.41	-14.33	-1134.97	229.04	-1156.83	654.01	45.71	-80.71
54771	59.60	-11.08	-14.33	-1278.74	362.33	-1186.07	723.92	101.89	-109.92
54772	58.85	-9.70	-14.33	-1432.03	548.36	-1214.66	738.04	195.67	-129.08
54773	77.62	-22.71	-14.33	-48.38	43.93	-531.40	83.55	-49.18	-8.28
54774	75.98	-22.59	-14.33	-90.50	25.47	-597.65	80.09	-46.04	-13.66
54775	74.34	-22.35	-14.33	-142.05	14.34	-651.87	86.24	-47.04	-10.25
54776	72.73	-21.99	-14.33	-201.72	7.52	-709.36	96.84	-45.41	-9.33
54777	71.15	-21.52	-14.33	-265.79	1.57	-765.69	113.76	-42.81	-8.10
54778	69.60	-20.93	-14.33	-332.68	-4.78	-821.39	138.22	-38.71	-7.62
54779	68.10	-20.23	-14.33	-400.43	-12.15	-875.97	170.47	-32.88	-8.32
54780	66.66	-19.42	-14.33	-466.92	-20.67	-929.12	210.17	-25.10	-10.79
54781	65.28	-18.52	-14.33	-530.10	-29.55	-980.50	256.40	-15.13	-15.79
54782	63.97	-17.51	-14.33	-588.29	-36.68	-1029.82	307.75	-2.78	-24.29
54783	62.74	-16.41	-14.33	-640.74	-38.18	-1076.83	362.76	12.12	-37.40
54784	61.59	-15.22	-14.33	-688.25	-28.11	-1121.27	420.61	29.77	-56.47
54785	60.53	-13.96	-14.33	-734.82	2.25	-1163.03	481.96	51.08	-83.81
54786	59.56	-12.62	-14.33	-788.73	68.67	-1200.99	547.68	81.47	-124.95
54787	58.70	-11.21	-14.33	-851.39	196.13	-1243.85	607.32	143.35	-184.09
54788	57.94	-9.75	-14.33	-881.69	388.33	-1319.99	613.63	242.00	-226.17
54789	77.58	-23.55	-14.33	-34.63	13.30	-602.14	22.42	-24.24	-18.18
54790	75.85	-23.42	-14.33	-62.85	3.74	-593.02	30.18	-55.28	11.62
54791	74.13	-23.17	-14.33	-112.51	-4.48	-663.32	41.20	-48.95	9.88
54792	72.44	-22.78	-14.33	-163.47	-11.05	-722.85	56.99	-43.19	12.39
54793	70.78	-22.28	-14.33	-214.07	-21.34	-783.86	79.47	-35.15	12.86
54794	69.16	-21.65	-14.33	-261.89	-35.90	-843.60	108.20	-25.01	11.29
54795	67.59	-20.91	-14.33	-304.39	-55.58	-902.14	141.86	-12.64	6.93
54796	66.08	-20.05	-14.33	-339.03	-80.17	-959.02	178.34	1.98	-1.12
54797	64.64	-19.09	-14.33	-363.58	-108.09	-1013.87	214.68	18.83	-13.91
54798	63.27	-18.02	-14.33	-376.50	-135.83	-1066.37	247.34	37.73	-32.68
54799	61.98	-16.85	-14.33	-377.37	-157.51	-1116.21	272.66	58.16	-58.75
54800	60.79	-15.59	-14.33	-367.51	-165.06	-1163.39	287.86	79.22	-93.38
54801	59.69	-14.25	-14.33	-350.51	-149.19	-1206.82	292.80	98.66	-137.65
54802	58.69	-12.83	-14.33	-336.67	-102.78	-1246.42	295.17	115.01	-194.61
54803	57.80	-11.34	-14.33	-321.45	-23.28	-1297.32	301.17	129.52	-259.29
54804	57.02	-9.79	-14.33	-286.99	77.17	-1371.32	281.81	124.37	-293.04
54805	90.14	9.49	-11.67	17.98	455.96	-374.53	-65.19	41.03	23.68
54806	91.17	9.44	-11.67	13.69	434.71	-339.78	-62.47	44.33	26.58
54807	92.21	9.39	-11.67	8.84	413.32	-305.08	-59.95	45.43	29.66
54808	90.36	10.47	-11.67	22.52	442.53	-375.63	-72.73	45.09	38.29
54809	91.26	10.33	-11.67	17.79	425.17	-344.07	-69.67	47.63	38.96
54810	92.15	10.18	-11.67	12.72	407.69	-312.93	-66.62	47.91	39.48
54811	90.56	11.46	-11.67	26.61	426.78	-376.68	-80.20	48.74	54.79
54812	91.33	11.21	-11.67	21.75	414.04	-348.49	-76.93	50.53	52.43
54813	92.08	10.96	-11.67	17.10	400.78	-320.96	-73.29	50.89	51.03
54814	79.02	9.89	-11.67	-91.98	625.94	-749.57	-108.42	-112.70	3.70
54815	80.15	9.88	-11.67	-60.38	615.19	-711.90	-101.88	-87.80	5.43
54816	81.29	9.86	-11.67	-34.76	602.62	-674.05	-96.15	-64.85	7.21
54817	82.41	9.83	-11.67	-14.58	588.40	-636.21	-91.08	-43.96	9.03
54818	83.53	9.80	-11.67	0.66	572.70	-598.44	-86.52	-25.25	10.89
54819	84.65	9.76	-11.67	11.50	555.65	-560.74	-82.35	-8.76	12.81
54820	85.76	9.71	-11.67	18.47	537.40	-523.12	-78.48	5.47	14.80
54821	86.87	9.66	-11.67	22.09	518.10	-485.54	-74.84	17.48	16.87
54822	87.97	9.60	-11.67	22.84	497.91	-448.02	-71.39	27.35	19.05
54823	89.07	9.54	-11.67	21.22	477.10	-410.62	-68.13	35.19	21.33
54824	79.05	11.68	-11.67	-64.50	602.62	-773.67	-119.96	-104.50	35.60
54825	80.25	11.64	-11.67	-35.17	592.55	-733.01	-113.20	-78.86	36.43
54826	81.44	11.58	-11.67	-12.07	580.63	-692.15	-107.30	-55.48	37.06
54827	82.61	11.50	-11.67	5.47	567.02	-651.41	-102.03	-34.47	37.58
54828	83.77	11.40	-11.67	18.07	551.93	-610.85	-97.23	-15.90	38.00
54829	84.92	11.28	-11.67	26.32	535.55	-570.48	-92.78	0.18	38.34
54830	86.05	11.15	-11.67	30.82	518.09	-530.27	-88.54	13.78	38.58
54831	87.17	10.99	-11.67	32.10	499.73	-490.22	-84.44	24.94	38.70
54832	88.28	10.82	-11.67	30.68	480.68	-450.40	-80.38	33.80	38.66
54833	89.37	10.63	-11.67	27.09	461.18	-411.04	-76.28	40.55	38.43
54834	79.08	13.48	-11.67	-37.19	567.79	-799.14	-127.73	-97.74	81.92
54835	80.33	13.42	-11.67	-10.75	559.01	-755.59	-121.38	-71.27	80.64
54836	81.56	13.32	-11.67	9.50	548.44	-711.80	-115.87	-47.31	78.94
54837	82.78	13.19	-11.67	24.25	536.27	-668.08	-110.95	-25.96	76.90
54838	83.98	13.03	-11.67	34.15	522.73	-624.52	-106.42	-7.32	74.55
54839	85.15	12.83	-11.67	39.84	508.05	-581.16	-102.12	8.56	71.91
54840	86.31	12.61	-11.67	41.94	492.44	-538.05	-97.90	21.67	69.02
54841	87.44	12.35	-11.67	41.01	476.11	-495.24	-93.64	32.07	65.87
54842	88.56	12.06	-11.67	37.56	459.21	-452.90	-89.20	39.93	62.46
54843	89.64	11.74	-11.67	32.20	442.01	-411.41	-84.45	45.34	58.57
54844	79.10	15.28	-11.67	-10.83	518.02	-819.09	-131.75	-93.79	141.33
54845	80.40	15.20	-11.67	12.33	511.35	-773.63	-126.67	-66.36	137.24
54846	81.67	15.07	-11.67	29.51	503.11	-727.56	-122.29	-41.62	132.17

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
54847	82.92	14.90	-11.67	41.39	493.51	-681.33	-118.34	-19.73	126.30
54848	84.16	14.67	-11.67	48.62	482.80	-635.11	-114.57	-0.82	119.73
54849	85.36	14.40	-11.67	51.83	471.19	-589.08	-110.80	15.05	112.62
54850	86.54	14.08	-11.67	51.68	458.86	-543.40	-106.87	27.89	105.10
54851	87.69	13.72	-11.67	48.75	445.97	-498.22	-102.62	37.76	97.29
54852	88.81	13.31	-11.67	43.58	432.63	-453.80	-97.91	44.88	89.30
54853	89.90	12.86	-11.67	36.82	418.74	-410.63	-92.62	49.43	81.28
54854	79.12	17.07	-11.67	13.87	449.95	-824.64	-131.63	-93.39	205.53
54855	80.44	16.99	-11.67	33.60	446.17	-778.68	-128.81	-65.42	198.66
54856	81.75	16.84	-11.67	47.70	441.45	-731.80	-126.43	-40.12	189.98
54857	83.04	16.62	-11.67	56.79	435.91	-684.45	-124.14	-17.75	179.77
54858	84.30	16.34	-11.67	61.48	429.72	-636.96	-121.68	1.51	168.36
54859	85.54	15.99	-11.67	62.42	422.97	-589.62	-118.84	17.56	156.06
54860	86.74	15.58	-11.67	60.26	415.75	-542.70	-115.44	30.43	143.17
54861	87.91	15.11	-11.67	55.61	408.12	-496.46	-111.36	40.19	130.02
54862	89.05	14.58	-11.67	49.04	400.04	-451.21	-106.49	47.06	116.85
54863	90.14	14.00	-11.67	41.18	391.48	-407.36	-100.82	51.34	103.86
54864	79.13	18.88	-11.67	36.59	363.26	-808.10	-126.68	-97.19	258.69
54865	80.47	18.79	-11.67	53.03	362.93	-763.39	-126.95	-69.99	250.18
54866	81.81	18.61	-11.67	64.25	362.73	-717.75	-127.32	-45.03	239.10
54867	83.13	18.35	-11.67	70.79	362.67	-671.57	-127.40	-22.68	225.83
54868	84.42	18.01	-11.67	73.24	362.67	-625.16	-126.85	-3.20	210.80
54869	85.68	17.59	-11.67	72.22	362.63	-578.85	-125.44	13.27	194.48
54870	86.92	17.09	-11.67	68.34	362.42	-532.95	-122.98	26.67	177.31
54871	88.11	16.51	-11.67	62.22	361.89	-487.73	-119.37	37.04	159.74
54872	89.26	15.87	-11.67	54.46	360.89	-443.51	-114.55	44.53	142.14
54873	90.36	15.15	-11.67	45.60	359.20	-400.61	-108.59	49.40	124.83
54874	95.25	9.56	-11.67	-4.32	344.53	-202.39	-55.69	36.53	39.06
54875	94.64	10.65	-11.67	2.43	347.77	-229.55	-66.00	42.03	50.44
54876	93.97	11.69	-11.67	9.93	349.97	-258.11	-75.98	46.97	63.06
54877	94.24	9.48	-11.67	-0.46	367.77	-237.01	-56.57	41.88	36.19
54878	93.82	10.42	-11.67	5.29	368.51	-257.36	-65.43	45.77	46.53
54879	93.36	11.34	-11.67	11.54	368.05	-278.49	-74.12	49.21	57.82
54880	93.23	9.40	-11.67	4.00	390.36	-271.05	-57.82	45.16	33.03
54881	93.00	10.21	-11.67	8.48	388.57	-284.28	-65.11	48.03	42.21
54882	92.75	11.00	-11.67	12.86	385.72	-297.96	-72.29	49.71	52.84
54883	91.38	14.37	-11.67	36.36	357.43	-360.62	-101.63	51.98	108.98
54884	91.10	13.39	-11.67	33.16	384.07	-368.86	-94.71	53.32	92.18
54885	90.81	12.43	-11.67	30.13	407.10	-374.77	-87.69	51.60	74.53
54886	92.31	13.54	-11.67	27.25	354.97	-323.97	-93.79	52.14	93.09
54887	91.93	12.78	-11.67	25.70	377.62	-335.82	-88.47	53.44	80.80
54888	91.55	12.03	-11.67	24.31	397.97	-346.05	-83.25	52.84	68.03
54889	93.19	12.66	-11.67	18.46	352.16	-289.41	-85.30	50.60	78.41
54890	92.73	12.13	-11.67	18.50	370.90	-304.48	-81.84	51.56	70.17
54891	92.26	11.61	-11.67	18.58	388.79	-318.40	-78.57	51.90	60.52
54892	90.14	9.49	-13.00	27.61	574.09	-355.03	-80.91	20.91	16.95
54893	91.17	9.44	-13.00	19.72	547.82	-323.03	-77.54	22.78	19.78
54894	92.21	9.39	-13.00	10.94	521.52	-291.57	-74.32	23.29	22.98
54895	90.36	10.47	-13.00	32.56	559.59	-354.01	-92.18	23.93	27.31
54896	91.26	10.33	-13.00	24.17	537.97	-325.47	-88.30	25.45	28.52
54897	92.15	10.18	-13.00	15.38	516.37	-298.05	-84.16	25.45	29.71
54898	90.56	11.46	-13.00	36.39	541.45	-353.37	-103.12	26.83	39.12
54899	91.33	11.21	-13.00	28.14	525.67	-328.15	-98.71	28.07	37.85
54900	92.08	10.96	-13.00	19.33	509.54	-304.57	-93.81	28.68	37.40
54901	79.02	9.89	-13.00	-90.68	783.70	-707.83	-136.95	-79.17	0.32
54902	80.15	9.88	-13.00	-52.30	770.42	-672.06	-128.37	-62.44	1.63
54903	81.29	9.86	-13.00	-21.68	754.99	-636.31	-120.84	-47.08	3.01
54904	82.41	9.83	-13.00	1.85	737.52	-600.67	-114.18	-33.21	4.47
54905	83.53	9.80	-13.00	19.00	718.21	-565.13	-108.21	-20.88	6.02
54906	84.65	9.76	-13.00	30.52	697.22	-529.69	-102.79	-10.13	7.65
54907	85.76	9.71	-13.00	37.13	674.73	-494.33	-97.80	-0.96	9.35
54908	86.87	9.66	-13.00	39.53	650.92	-459.02	-93.15	6.62	11.12
54909	87.97	9.60	-13.00	38.34	625.98	-423.77	-88.75	12.66	12.96
54910	89.07	9.54	-13.00	34.07	600.22	-388.67	-84.60	17.36	14.89
54911	79.05	11.68	-13.00	-57.48	759.34	-723.99	-152.00	-71.84	21.96
54912	80.25	11.64	-13.00	-21.78	747.05	-685.74	-143.30	-54.57	22.51
54913	81.44	11.58	-13.00	5.73	732.31	-647.59	-135.73	-38.87	23.12
54914	82.61	11.50	-13.00	25.93	715.39	-609.66	-129.02	-24.89	23.74
54915	83.77	11.40	-13.00	39.69	696.57	-571.98	-122.95	-12.70	24.38
54916	84.92	11.28	-13.00	47.89	676.11	-534.53	-117.35	-2.30	25.03
54917	86.05	11.15	-13.00	51.38	654.26	-497.28	-112.08	6.27	25.65
54918	87.17	10.99	-13.00	50.96	631.27	-460.21	-106.98	12.99	26.23
54919	88.28	10.82	-13.00	47.26	607.40	-423.26	-101.92	17.94	26.69
54920	89.37	10.63	-13.00	40.65	582.92	-386.68	-96.71	21.47	26.99
54921	79.08	13.48	-13.00	-25.96	717.16	-739.89	-162.41	-66.89	54.89
54922	80.33	13.42	-13.00	6.45	706.74	-699.46	-154.60	-48.85	53.94
54923	81.56	13.32	-13.00	30.57	693.83	-659.14	-147.82	-32.59	52.83
54924	82.78	13.19	-13.00	47.34	678.75	-619.05	-141.76	-18.28	51.58
54925	83.98	13.03	-13.00	57.76	661.85	-579.27	-136.15	-5.96	50.19
54926	85.15	12.83	-13.00	62.77	643.45	-539.80	-130.81	4.34	48.68
54927	86.31	12.61	-13.00	63.33	623.86	-500.66	-125.57	12.57	47.07
54928	87.44	12.35	-13.00	60.28	603.36	-461.81	-120.29	18.71	45.38
54929	88.56	12.06	-13.00	54.31	582.17	-423.21	-114.80	22.79	43.61
54930	89.64	11.74	-13.00	45.67	560.55	-385.11	-108.74	25.12	41.51
54931	79.10	15.28	-13.00	1.75	652.35	-753.52	-168.51	-64.42	97.23
54932	80.40	15.20	-13.00	30.64	644.94	-711.50	-162.72	-45.56	94.27
54933	81.67	15.07	-13.00	51.37	635.35	-669.41	-157.70	-28.63	90.74
54934	82.92	14.90	-13.00	64.92	623.91	-627.46	-153.06	-13.83	86.70
54935	84.16	14.67	-13.00	72.29	610.94	-585.77	-148.51	-1.22	82.26
54936	85.36	14.40	-13.00	74.49	596.76	-544.44	-143.84	9.15	77.52
54937	86.54	14.08	-13.00	72.49	581.65	-503.55	-138.88	17.27	72.60
54938	87.69	13.72	-13.00	67.16	565.84	-463.15	-133.51	23.16	67.62
54939	88.81	13.31	-13.00	59.23	549.52	-423.21	-127.59	26.85	62.73
54940	89.90	12.86	-13.00	49.07	532.47	-384.04	-120.77	28.73	58.03
54941	79.12	17.07	-13.00	24.20	562.36	-761.13	-169.21	-64.60	142.53
54942	80.44	16.99	-13.00	49.67	558.94	-718.36	-166.52	-45.24	137.67
54943	81.75	16.84	-13.00	67.37	554.21	-675.31	-164.21	-27.81	131.60
54944	83.04	16.62	-13.00	78.21	548.40	-632.22	-161.81	-12.55	124.52
54945	84.30	16.34	-13.00	83.15	541.68	-589.31	-158.99	0.41	116.64

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
54946	85.54	15.99	-13.00	83.18	534.23	-546.73	-155.49	11.04	108.19
54947	86.74	15.58	-13.00	79.23	526.15	-504.66	-151.15	19.34	99.44
54948	87.91	15.11	-13.00	72.19	517.54	-463.24	-145.86	25.36	90.63
54949	89.05	14.58	-13.00	62.81	508.42	-422.57	-139.54	29.24	82.02
54950	90.14	14.00	-13.00	51.68	498.67	-382.89	-132.08	31.31	73.73
54951	79.13	18.88	-13.00	41.21	450.10	-759.29	-163.47	-67.86	179.31
54952	80.47	18.79	-13.00	63.62	451.16	-716.69	-164.58	-48.91	173.37
54953	81.81	18.61	-13.00	78.90	452.34	-673.69	-165.69	-31.63	165.68
54954	83.13	18.35	-13.00	87.80	453.71	-630.51	-166.23	-16.28	156.48
54955	84.42	18.01	-13.00	91.15	455.16	-587.41	-165.80	-3.03	146.08
54956	85.68	17.59	-13.00	89.83	456.58	-544.58	-164.10	8.03	134.80
54957	86.92	17.09	-13.00	84.73	457.77	-502.27	-160.93	16.88	123.00
54958	88.11	16.51	-13.00	76.70	458.55	-460.66	-156.19	23.55	111.00
54959	89.26	15.87	-13.00	66.52	458.71	-419.96	-149.84	28.15	99.11
54960	90.36	15.15	-13.00	54.86	457.93	-380.42	-141.92	30.93	87.57
54961	95.25	9.56	-13.00	-10.54	440.24	-197.39	-69.87	17.37	29.28
54962	94.64	10.65	-13.00	-2.70	444.90	-223.21	-83.87	21.64	36.75
54963	93.97	11.69	-13.00	7.04	447.97	-249.79	-97.48	26.06	44.86
54964	94.24	9.48	-13.00	-5.23	467.44	-229.60	-70.37	20.71	28.03
54965	93.82	10.42	-13.00	1.81	469.62	-248.79	-82.82	23.84	34.85
54966	93.36	11.34	-13.00	9.96	469.87	-268.04	-94.87	27.31	41.88
54967	93.23	9.40	-13.00	2.40	493.98	-260.79	-71.71	22.99	26.03
54968	93.00	10.21	-13.00	7.83	493.34	-272.94	-82.27	25.47	32.16
54969	92.75	11.00	-13.00	14.54	491.23	-284.77	-92.87	27.60	38.84
54970	91.38	14.37	-13.00	42.64	456.74	-343.47	-132.56	32.19	77.24
54971	91.10	13.39	-13.00	40.26	490.02	-347.93	-123.78	32.09	66.34
54972	90.81	12.43	-13.00	38.77	517.93	-351.51	-114.08	29.56	54.07
54973	92.31	13.54	-13.00	30.51	454.24	-309.66	-121.90	31.64	66.33
54974	91.93	12.78	-13.00	29.73	482.11	-318.16	-115.06	31.72	58.50
54975	91.55	12.03	-13.00	29.93	506.43	-325.87	-107.72	30.43	49.65
54976	93.19	12.66	-13.00	18.52	450.67	-278.23	-110.24	29.83	55.91
54977	92.73	12.13	-13.00	19.31	473.59	-290.70	-105.60	29.86	50.71
54978	92.26	11.61	-13.00	20.95	494.24	-302.27	-100.48	29.89	43.75
54979	90.14	9.49	-14.33	45.53	706.57	-345.49	-97.36	-9.87	13.12
54980	91.17	9.44	-14.33	31.60	673.36	-314.39	-92.07	-10.77	15.53
54981	92.21	9.39	-14.33	14.98	639.91	-283.69	-87.14	-11.72	18.45
54982	90.36	10.47	-14.33	53.87	691.72	-343.84	-110.92	-8.16	17.15
54983	91.26	10.33	-14.33	39.35	663.31	-316.29	-104.77	-10.15	19.44
54984	92.15	10.18	-14.33	21.09	634.82	-289.63	-98.52	-11.81	21.89
54985	90.56	11.46	-14.33	59.61	673.33	-342.39	-127.56	-8.16	22.43
54986	91.33	11.21	-14.33	45.55	651.62	-318.32	-120.93	-10.95	23.96
54987	92.08	10.96	-14.33	29.24	628.76	-295.39	-112.60	-12.92	26.44
54988	79.02	9.89	-14.33	-66.22	958.13	-685.74	-166.23	-39.61	1.55
54989	80.15	9.88	-14.33	-22.09	942.35	-651.13	-155.86	-33.53	2.28
54990	81.29	9.86	-14.33	12.09	923.96	-616.63	-146.71	-28.11	3.09
54991	82.41	9.83	-14.33	37.33	903.18	-582.23	-138.59	-23.34	3.99
54992	83.53	9.80	-14.33	54.65	880.21	-547.95	-131.34	-19.24	5.00
54993	84.65	9.76	-14.33	65.04	855.25	-513.77	-124.79	-15.82	6.11
54994	85.76	9.71	-14.33	69.50	828.48	-479.69	-118.79	-13.12	7.31
54995	86.87	9.66	-14.33	68.99	800.07	-445.70	-113.20	-11.17	8.59
54996	87.97	9.60	-14.33	64.44	770.19	-411.79	-107.86	-10.02	9.95
54997	89.07	9.54	-14.33	56.53	739.00	-377.99	-102.64	-9.67	11.46
54998	79.05	11.68	-14.33	-27.17	939.25	-695.78	-181.99	-33.16	9.60
54999	80.25	11.64	-14.33	13.89	924.03	-659.08	-171.53	-26.86	9.88
55000	81.44	11.58	-14.33	44.38	905.78	-622.66	-162.38	-21.31	10.31
55001	82.61	11.50	-14.33	65.55	884.84	-586.50	-154.28	-16.52	10.83
55002	83.77	11.40	-14.33	78.68	861.57	-550.62	-147.01	-12.51	11.44
55003	84.92	11.28	-14.33	84.97	836.31	-515.01	-140.37	-9.30	12.12
55004	86.05	11.15	-14.33	85.63	809.38	-479.68	-134.20	-6.94	12.89
55005	87.17	10.99	-14.33	81.83	781.08	-444.59	-128.34	-5.51	13.73
55006	88.28	10.82	-14.33	74.75	751.71	-409.70	-122.60	-5.20	14.60
55007	89.37	10.63	-14.33	65.42	721.42	-375.05	-116.77	-6.18	15.71
55008	79.08	13.48	-14.33	8.46	895.64	-705.73	-196.16	-31.23	22.52
55009	80.33	13.42	-14.33	45.79	882.52	-667.23	-186.95	-24.55	22.18
55010	81.56	13.32	-14.33	72.25	866.11	-629.07	-178.88	-18.71	21.90
55011	82.78	13.19	-14.33	89.28	846.91	-591.25	-171.64	-13.73	21.66
55012	83.98	13.03	-14.33	98.30	825.38	-553.82	-164.94	-9.61	21.44
55013	85.15	12.83	-14.33	100.68	801.97	-516.78	-158.57	-6.38	21.26
55014	86.31	12.61	-14.33	97.75	777.10	-480.16	-152.36	-4.09	21.14
55015	87.44	12.35	-14.33	90.81	751.18	-443.95	-146.20	-2.84	21.11
55016	88.56	12.06	-14.33	81.25	724.56	-408.07	-140.02	-2.92	21.21
55017	89.64	11.74	-14.33	70.75	697.68	-372.46	-133.79	-5.01	21.69
55018	79.10	15.28	-14.33	37.22	818.56	-715.43	-205.56	-30.05	39.58
55019	80.40	15.20	-14.33	70.71	809.25	-675.52	-199.15	-22.97	38.40
55020	81.67	15.07	-14.33	93.39	796.97	-635.88	-193.49	-16.79	37.12
55021	82.92	14.90	-14.33	106.75	782.19	-596.58	-188.17	-11.56	35.71
55022	84.16	14.67	-14.33	112.27	765.37	-557.68	-182.85	-7.28	34.23
55023	85.36	14.40	-14.33	111.37	746.98	-519.25	-177.28	-3.97	32.71
55024	86.54	14.08	-14.33	105.44	727.40	-481.35	-171.32	-1.68	31.23
55025	87.69	13.72	-14.33	95.79	707.05	-444.00	-164.90	-0.48	29.88
55026	88.81	13.31	-14.33	83.76	686.31	-407.17	-158.09	-0.59	28.84
55027	89.90	12.86	-14.33	70.80	665.67	-370.85	-151.25	-2.59	28.73
55028	79.12	17.07	-14.33	56.37	703.28	-724.02	-208.51	-30.03	58.26
55029	80.44	16.99	-14.33	86.37	699.33	-683.16	-206.36	-22.63	56.30
55030	81.75	16.84	-14.33	106.01	693.54	-642.43	-204.43	-16.14	53.95
55031	83.04	16.62	-14.33	116.67	686.20	-601.93	-202.15	-10.63	51.26
55032	84.30	16.34	-14.33	119.75	677.61	-561.79	-199.11	-6.12	48.33
55033	85.54	15.99	-14.33	116.66	668.01	-522.11	-195.03	-2.64	45.26
55034	86.74	15.58	-14.33	108.73	657.58	-483.02	-189.75	-0.21	42.19
55035	87.91	15.11	-14.33	97.22	646.53	-444.61	-183.24	1.15	39.24
55036	89.05	14.58	-14.33	83.25	635.06	-406.93	-175.62	1.38	36.65
55037	90.14	14.00	-14.33	67.77	623.59	-370.06	-167.15	0.34	34.77
55038	79.13	18.88	-14.33	65.00	553.34	-731.16	-203.28	-31.47	74.08
55039	80.47	18.79	-14.33	92.17	555.47	-689.85	-206.38	-24.05	71.75
55040	81.81	18.61	-14.33	109.84	557.74	-648.41	-209.17	-17.41	68.76
55041	83.13	18.35	-14.33	119.09	560.22	-607.02	-210.94	-11.64	65.19
55042	84.42	18.01	-14.33	121.10	562.84	-565.86	-211.16	-6.80	61.16
55043	85.68	17.59	-14.33	117.12	565.44	-525.09	-209.48	-2.92	56.82
55044	86.92	17.09	-14.33	108.36	567.79	-484.90	-205.70	-0.03	52.33

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
55045	88.11	16.51	-14.33	95.98	569.65	-445.46	-199.78	1.87	47.86
55046	89.26	15.87	-14.33	81.00	570.85	-406.91	-191.77	2.80	43.58
55047	90.36	15.15	-14.33	64.11	571.22	-369.46	-181.85	2.84	39.69
55048	95.25	9.56	-14.33	-28.56	546.18	-193.47	-84.76	-8.10	18.05
55049	94.64	10.65	-14.33	-22.85	552.95	-217.98	-100.83	-5.79	21.10
55050	93.97	11.69	-14.33	-12.83	559.25	-243.80	-120.19	-4.80	24.15
55051	94.24	9.48	-14.33	-18.22	576.80	-223.91	-83.69	-10.17	19.74
55052	93.82	10.42	-14.33	-13.87	580.58	-242.16	-97.36	-9.41	22.96
55053	93.36	11.34	-14.33	-5.34	584.16	-260.95	-115.01	-9.52	25.75
55054	93.23	9.40	-14.33	-3.90	606.79	-253.98	-83.50	-11.24	20.19
55055	93.00	10.21	-14.33	0.19	607.02	-265.51	-94.93	-11.21	23.48
55056	92.75	11.00	-14.33	3.98	607.01	-277.59	-108.98	-13.37	27.16
55057	91.38	14.37	-14.33	45.97	571.44	-334.27	-170.05	2.05	36.89
55058	91.10	13.39	-14.33	51.40	614.15	-337.23	-157.75	-1.84	33.95
55059	90.81	12.43	-14.33	57.44	648.84	-340.21	-144.66	-6.03	29.89
55060	92.31	13.54	-14.33	26.65	569.84	-301.79	-156.13	0.22	33.19
55061	91.93	12.78	-14.33	33.29	605.27	-308.93	-146.86	-4.51	32.35
55062	91.55	12.03	-14.33	41.50	634.66	-315.86	-136.92	-8.71	30.26
55063	93.19	12.66	-14.33	6.46	565.63	-271.22	-140.10	-2.10	29.35
55064	92.73	12.13	-14.33	13.84	593.73	-282.42	-133.57	-7.63	29.83
55065	92.26	11.61	-14.33	23.39	620.03	-292.84	-127.27	-11.88	28.56
55066	66.78	9.50	-11.67	-824.54	618.84	-1080.39	-270.82	-347.09	17.57
55067	65.74	9.45	-11.67	-908.27	606.75	-1090.85	-294.49	-336.62	28.52
55068	64.70	9.40	-11.67	-991.31	594.28	-1095.32	-319.24	-314.88	42.96
55069	66.59	10.51	-11.67	-774.81	587.14	-1097.50	-283.97	-341.29	42.94
55070	65.68	10.36	-11.67	-848.71	577.06	-1103.64	-304.04	-332.08	50.41
55071	64.78	10.20	-11.67	-922.19	566.35	-1105.32	-325.08	-313.87	59.50
55072	66.40	11.51	-11.67	-720.42	549.11	-1111.29	-290.77	-334.55	72.07
55073	65.63	11.26	-11.67	-786.14	544.34	-1113.65	-308.15	-327.44	75.01
55074	64.86	10.99	-11.67	-854.43	536.18	-1113.74	-324.29	-311.68	79.12
55075	77.89	9.90	-11.67	-129.72	634.75	-786.40	-115.96	-138.64	2.08
55076	76.76	9.89	-11.67	-173.47	641.67	-822.52	-124.22	-165.47	0.59
55077	75.64	9.87	-11.67	-223.67	646.72	-858.33	-133.76	-193.19	-0.99
55078	74.52	9.85	-11.67	-280.40	649.92	-893.42	-144.78	-221.25	-2.40
55079	73.40	9.82	-11.67	-343.53	651.20	-927.44	-157.45	-248.95	-3.38
55080	72.28	9.78	-11.67	-412.75	650.48	-959.97	-171.87	-275.45	-3.65
55081	71.17	9.74	-11.67	-487.59	647.76	-990.53	-188.12	-299.77	-2.93
55082	70.06	9.69	-11.67	-567.35	643.05	-1018.57	-206.22	-320.68	-0.92
55083	68.95	9.63	-11.67	-651.17	636.44	-1043.46	-226.15	-336.70	2.66
55084	67.85	9.56	-11.67	-738.02	628.13	-1064.41	-247.84	-346.13	7.80
55085	77.87	11.69	-11.67	-99.92	610.82	-812.87	-127.83	-131.31	34.38
55086	76.70	11.67	-11.67	-141.25	617.04	-850.81	-136.42	-158.78	32.95
55087	75.54	11.62	-11.67	-189.14	621.08	-888.19	-146.42	-187.30	31.60
55088	74.38	11.55	-11.67	-243.65	623.02	-924.33	-157.91	-216.19	30.54
55089	73.23	11.46	-11.67	-304.66	622.95	-958.81	-171.01	-244.70	29.79
55090	72.08	11.35	-11.67	-371.92	620.89	-991.08	-185.83	-271.93	29.45
55091	70.94	11.21	-11.67	-445.03	616.92	-1020.57	-202.43	-296.76	29.68
55092	69.81	11.06	-11.67	-523.41	611.17	-1046.63	-220.78	-317.83	30.69
55093	68.70	10.88	-11.67	-606.29	603.86	-1068.63	-240.82	-333.42	32.64
55094	67.59	10.68	-11.67	-692.83	595.31	-1085.93	-262.51	-341.58	35.67
55095	77.85	13.49	-11.67	-69.68	574.73	-840.96	-135.17	-125.55	82.43
55096	76.64	13.45	-11.67	-108.05	579.79	-880.85	-143.33	-154.16	82.11
55097	75.43	13.37	-11.67	-153.02	582.82	-919.32	-152.95	-183.85	81.15
55098	74.24	13.26	-11.67	-204.63	583.78	-955.71	-164.21	-213.71	79.76
55099	73.05	13.10	-11.67	-262.79	582.75	-989.65	-177.20	-242.93	78.06
55100	71.87	12.91	-11.67	-327.37	579.86	-1020.65	-192.03	-270.55	76.13
55101	70.71	12.69	-11.67	-398.08	575.33	-1048.12	-208.74	-295.36	74.13
55102	69.57	12.43	-11.67	-474.55	569.41	-1071.48	-227.33	-315.90	72.28
55103	68.44	12.13	-11.67	-556.19	562.40	-1090.14	-247.70	-330.36	70.90
55104	67.34	11.80	-11.67	-642.32	554.71	-1103.72	-269.81	-336.19	69.87
55105	77.82	15.29	-11.67	-39.95	523.20	-862.47	-137.80	-122.74	143.88
55106	76.57	15.23	-11.67	-74.91	526.93	-903.43	-144.69	-152.46	144.62
55107	75.33	15.12	-11.67	-116.45	528.99	-942.39	-153.05	-183.07	143.84
55108	74.09	14.96	-11.67	-164.61	529.38	-978.68	-163.19	-213.62	141.58
55109	72.87	14.75	-11.67	-219.38	528.15	-1011.87	-175.28	-243.14	137.92
55110	71.67	14.48	-11.67	-280.71	525.45	-1041.48	-189.49	-270.58	133.05
55111	70.48	14.16	-11.67	-348.43	521.55	-1067.01	-205.95	-294.66	127.21
55112	69.32	13.80	-11.67	-422.36	516.82	-1088.00	-224.71	-313.94	120.84
55113	68.18	13.38	-11.67	-502.20	511.68	-1104.03	-245.71	-326.72	114.51
55114	67.08	12.92	-11.67	-587.56	506.16	-1114.95	-268.71	-330.84	109.43
55115	77.80	17.08	-11.67	-11.66	452.94	-868.56	-135.25	-122.97	210.03
55116	76.51	17.01	-11.67	-43.04	455.29	-910.01	-139.86	-153.26	211.72
55117	75.23	16.87	-11.67	-80.87	456.77	-949.08	-146.02	-184.10	210.77
55118	73.95	16.66	-11.67	-125.26	457.36	-985.22	-154.13	-214.49	207.12
55119	72.70	16.39	-11.67	-176.26	457.10	-1018.00	-164.54	-243.41	200.89
55120	71.46	16.04	-11.67	-233.87	456.12	-1047.00	-177.56	-269.75	192.35
55121	70.25	15.64	-11.67	-298.04	454.66	-1071.79	-193.43	-292.26	181.96
55122	69.07	15.17	-11.67	-368.74	453.05	-1092.00	-212.34	-309.63	170.38
55123	67.93	14.63	-11.67	-445.99	451.75	-1107.32	-234.31	-320.47	158.58
55124	66.82	14.04	-11.67	-529.98	451.23	-1117.54	-258.91	-323.16	147.76
55125	77.78	18.88	-11.67	14.63	363.70	-851.37	-127.01	-125.93	264.37
55126	76.45	18.79	-11.67	-13.19	364.69	-892.75	-128.48	-155.26	266.67
55127	75.12	18.62	-11.67	-47.24	366.11	-931.95	-131.60	-184.75	265.47
55128	73.81	18.37	-11.67	-87.71	367.91	-968.53	-136.98	-213.44	260.73
55129	72.52	18.03	-11.67	-134.69	370.08	-1002.10	-145.14	-240.35	252.60
55130	71.25	17.61	-11.67	-188.23	372.62	-1032.25	-156.55	-264.45	241.43
55131	70.02	17.11	-11.67	-248.38	375.60	-1058.57	-171.62	-284.63	227.80
55132	68.82	16.54	-11.67	-315.24	379.20	-1080.66	-190.66	-299.75	212.52
55133	67.67	15.88	-11.67	-389.09	383.76	-1098.12	-213.86	-308.71	196.62
55134	66.56	15.16	-11.67	-470.75	389.97	-1110.59	-241.06	-310.63	181.70
55135	61.65	9.56	-11.67	-1192.74	530.56	-1078.39	-396.61	-148.16	120.22
55136	62.26	10.65	-11.67	-1036.02	489.84	-1096.69	-387.41	-192.74	129.70
55137	62.94	11.70	-11.67	-893.92	453.62	-1109.79	-364.47	-229.47	137.15
55138	62.67	9.48	-11.67	-1134.46	555.95	-1089.26	-370.36	-221.04	87.81
55139	63.09	10.44	-11.67	-1012.66	521.79	-1102.47	-366.76	-243.50	100.94
55140	63.56	11.36	-11.67	-896.95	488.91	-1112.57	-353.93	-263.11	114.67
55141	63.68	9.41	-11.67	-1069.56	577.11	-1095.15	-344.28	-275.12	63.80
55142	63.92	10.23	-11.67	-981.00	548.06	-1105.37	-345.48	-282.52	76.78
55143	64.18	11.03	-11.67	-891.53	519.35	-1113.07	-341.49	-291.61	92.50

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
55144	65.54	14.38	-11.67	-558.77	397.07	-1117.98	-270.01	-303.69	166.07
55145	65.85	13.43	-11.67	-613.79	452.15	-1122.50	-283.41	-317.66	136.42
55146	66.15	12.48	-11.67	-666.17	502.17	-1120.25	-289.43	-326.80	104.70
55147	64.60	13.56	-11.67	-656.35	409.16	-1120.19	-301.70	-288.18	154.60
55148	65.01	12.81	-11.67	-699.44	458.64	-1122.73	-307.55	-305.58	128.74
55149	65.40	12.07	-11.67	-737.40	502.44	-1120.79	-307.79	-318.76	101.74
55150	63.72	12.67	-11.67	-766.28	426.09	-1117.42	-334.49	-264.75	145.92
55151	64.20	12.15	-11.67	-791.81	467.46	-1119.28	-332.94	-286.19	123.33
55152	64.68	11.64	-11.67	-812.02	506.75	-1118.13	-327.64	-303.05	100.77
55153	66.78	9.50	-13.00	-1040.09	766.27	-1062.33	-341.91	-246.55	12.93
55154	65.74	9.45	-13.00	-1147.78	750.74	-1084.88	-372.19	-239.18	20.70
55155	64.70	9.40	-13.00	-1251.36	735.63	-1103.77	-404.21	-223.40	30.51
55156	66.59	10.51	-13.00	-985.50	727.82	-1076.77	-358.84	-242.72	30.24
55157	65.68	10.36	-13.00	-1080.14	714.75	-1094.73	-385.09	-236.17	35.51
55158	64.78	10.20	-13.00	-1171.70	701.67	-1109.48	-412.48	-223.03	41.35
55159	66.40	11.51	-13.00	-925.10	680.49	-1088.77	-368.15	-237.61	49.66
55160	65.63	11.26	-13.00	-1008.88	674.00	-1102.17	-391.09	-232.61	51.83
55161	64.86	10.99	-13.00	-1092.69	664.82	-1113.61	-413.16	-220.77	54.21
55162	77.89	9.90	-13.00	-137.14	794.61	-743.22	-146.62	-96.61	-1.01
55163	76.76	9.89	-13.00	-191.94	803.09	-778.13	-157.53	-115.00	-2.16
55164	75.64	9.87	-13.00	-255.46	809.06	-812.84	-169.97	-134.08	-3.15
55165	74.52	9.85	-13.00	-327.89	812.46	-847.24	-184.15	-153.55	-3.90
55166	73.40	9.82	-13.00	-409.20	813.25	-881.15	-200.27	-172.97	-4.28
55167	72.28	9.78	-13.00	-499.09	811.41	-914.40	-218.45	-191.80	-4.13
55168	71.17	9.74	-13.00	-596.99	806.95	-946.79	-238.79	-209.35	-3.26
55169	70.06	9.69	-13.00	-701.97	799.93	-978.08	-261.34	-224.77	-1.52
55170	68.95	9.63	-13.00	-812.66	790.49	-1008.09	-286.10	-237.06	1.30
55171	67.85	9.56	-13.00	-927.14	778.97	-1036.53	-313.10	-244.94	5.13
55172	77.87	11.69	-13.00	-101.41	769.01	-761.37	-161.76	-90.09	21.21
55173	76.70	11.67	-13.00	-153.65	776.04	-797.70	-172.72	-109.16	20.38
55174	75.54	11.62	-13.00	-214.85	780.36	-833.64	-185.32	-128.99	19.66
55175	74.38	11.55	-13.00	-285.25	781.89	-868.98	-199.76	-149.27	19.12
55176	73.23	11.46	-13.00	-364.84	780.67	-903.47	-216.23	-169.51	18.83
55177	72.08	11.35	-13.00	-453.31	776.77	-936.83	-234.85	-189.07	18.86
55178	70.94	11.21	-13.00	-550.10	770.37	-968.82	-255.71	-207.16	19.31
55179	69.81	11.06	-13.00	-654.31	761.71	-999.16	-278.79	-222.85	20.29
55180	68.70	10.88	-13.00	-764.58	751.13	-1027.71	-304.05	-234.99	21.87
55181	67.59	10.68	-13.00	-878.88	739.14	-1054.28	-331.53	-242.15	24.16
55182	77.85	13.49	-13.00	-66.72	725.09	-779.12	-171.24	-86.07	55.30
55183	76.64	13.45	-13.00	-115.73	730.52	-816.86	-181.29	-106.03	55.13
55184	75.43	13.37	-13.00	-173.89	733.19	-853.87	-193.07	-126.78	54.67
55185	74.24	13.26	-13.00	-241.48	733.11	-889.86	-206.87	-147.89	53.93
55186	73.05	13.10	-13.00	-318.46	730.39	-924.55	-222.92	-168.74	52.95
55187	71.87	12.91	-13.00	-404.55	725.24	-957.66	-241.44	-188.64	51.79
55188	70.71	12.69	-13.00	-499.24	717.97	-988.93	-262.53	-206.73	50.54
55189	69.57	12.43	-13.00	-601.71	709.04	-1018.09	-286.23	-221.98	49.33
55190	68.44	12.13	-13.00	-710.79	698.91	-1045.04	-312.40	-233.16	48.42
55191	67.34	11.80	-13.00	-824.42	688.22	-1069.65	-341.02	-238.35	47.58
55192	77.82	15.29	-13.00	-35.43	657.78	-794.18	-175.24	-84.57	99.11
55193	76.57	15.23	-13.00	-80.84	661.34	-833.08	-183.25	-105.43	99.71
55194	75.33	15.12	-13.00	-135.42	662.65	-870.90	-193.12	-126.98	99.30
55195	74.09	14.96	-13.00	-199.44	661.75	-907.31	-205.27	-148.66	97.84
55196	72.87	14.75	-13.00	-272.88	658.78	-942.03	-220.08	-169.78	95.36
55197	71.67	14.48	-13.00	-355.51	654.00	-974.80	-237.87	-189.54	91.97
55198	70.48	14.16	-13.00	-446.86	647.80	-1005.34	-258.87	-207.06	87.84
55199	69.32	13.80	-13.00	-546.26	640.72	-1033.43	-283.18	-221.28	83.28
55200	68.18	13.38	-13.00	-652.83	633.40	-1058.94	-310.66	-231.03	78.78
55201	67.08	12.92	-13.00	-765.02	625.97	-1081.83	-340.93	-234.73	75.32
55202	77.80	17.08	-13.00	-9.29	564.76	-802.59	-172.71	-85.30	145.75
55203	76.51	17.01	-13.00	-50.94	566.40	-842.36	-177.63	-106.61	146.97
55204	75.23	16.87	-13.00	-101.56	566.92	-880.83	-184.62	-128.39	146.34
55205	73.95	16.66	-13.00	-161.41	566.39	-917.67	-194.27	-149.99	143.80
55206	72.70	16.39	-13.00	-230.47	564.91	-952.60	-207.13	-170.67	139.39
55207	71.46	16.04	-13.00	-308.56	562.68	-985.37	-223.69	-189.62	133.31
55208	70.25	15.64	-13.00	-395.32	560.01	-1015.72	-244.32	-205.96	125.88
55209	69.07	15.17	-13.00	-490.24	557.40	-1043.43	-269.24	-218.72	117.60
55210	67.93	14.63	-13.00	-592.83	555.48	-1068.30	-298.37	-226.94	109.24
55211	66.82	14.04	-13.00	-702.47	554.98	-1090.20	-331.04	-229.42	101.76
55212	77.78	18.88	-13.00	11.23	449.24	-800.99	-163.03	-88.04	183.31
55213	76.45	18.79	-13.00	-26.69	449.08	-841.42	-164.22	-108.67	184.90
55214	75.12	18.62	-13.00	-73.10	449.51	-880.56	-167.72	-129.49	184.05
55215	73.81	18.37	-13.00	-128.25	450.54	-918.09	-174.37	-149.84	180.69
55216	72.52	18.03	-13.00	-192.20	452.21	-953.74	-184.89	-169.02	174.90
55217	71.25	17.61	-13.00	-264.83	454.57	-987.24	-199.93	-186.30	166.93
55218	70.02	17.11	-13.00	-345.90	457.72	-1018.32	-220.00	-200.88	157.19
55219	68.82	16.54	-13.00	-435.17	461.91	-1046.70	-245.43	-211.94	146.28
55220	67.67	15.88	-13.00	-532.47	467.70	-1072.12	-276.33	-218.66	134.99
55221	66.56	15.16	-13.00	-638.11	476.05	-1094.28	-312.36	-220.48	124.65
55222	61.65	9.56	-13.00	-1468.66	665.55	-1143.43	-504.66	-94.36	82.81
55223	62.26	10.65	-13.00	-1300.15	611.41	-1145.36	-495.49	-130.61	89.07
55224	62.94	11.70	-13.00	-1143.02	563.06	-1143.35	-469.00	-159.66	93.48
55225	62.67	9.48	-13.00	-1415.87	692.45	-1133.63	-470.87	-151.80	60.59
55226	63.09	10.44	-13.00	-1279.21	648.39	-1135.26	-467.87	-169.66	69.57
55227	63.56	11.36	-13.00	-1147.53	606.03	-1134.15	-452.94	-185.17	78.78
55228	63.68	9.41	-13.00	-1344.90	715.97	-1120.31	-436.93	-192.85	44.84
55229	63.92	10.23	-13.00	-1242.98	679.68	-1123.31	-439.47	-198.80	53.11
55230	64.18	11.03	-13.00	-1140.55	643.76	-1123.90	-435.12	-206.46	63.28
55231	65.54	14.38	-13.00	-749.17	486.42	-1112.51	-350.44	-215.51	113.31
55232	65.85	13.43	-13.00	-809.04	557.00	-1107.23	-363.41	-225.52	93.45
55233	66.15	12.48	-13.00	-865.78	621.02	-1099.11	-368.21	-231.77	71.87
55234	64.60	13.56	-13.00	-868.58	503.29	-1126.38	-391.37	-204.30	105.75
55235	65.01	12.81	-13.00	-915.18	565.84	-1119.25	-394.88	-216.86	88.53
55236	65.40	12.07	-13.00	-955.45	621.35	-1110.67	-392.28	-226.11	69.96
55237	63.72	12.67	-13.00	-998.06	526.23	-1136.71	-432.75	-187.52	99.89
55238	64.20	12.15	-13.00	-1025.71	577.47	-1128.60	-427.39	-203.10	84.85
55239	64.68	11.64	-13.00	-1046.41	626.02	-1119.48	-417.80	-214.57	69.21
55240	66.78	9.50	-14.33	-1267.78	931.55	-1050.69	-417.18	-112.06	11.75
55241	65.74	9.45	-14.33	-1409.79	911.17	-1079.98	-454.46	-111.33	15.97
55242	64.70	9.40	-14.33	-1545.53	892.50	-1108.19	-496.06	-107.28	20.61

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
55243	66.59	10.51	-14.33	-1213.67	889.05	-1063.29	-435.22	-109.56	19.01
55244	65.68	10.36	-14.33	-1337.54	870.70	-1087.80	-467.36	-110.64	22.58
55245	64.78	10.20	-14.33	-1454.19	853.18	-1111.49	-503.57	-107.80	25.30
55246	66.40	11.51	-14.33	-1151.74	835.53	-1074.70	-447.38	-107.73	26.22
55247	65.63	11.26	-14.33	-1259.84	825.92	-1094.03	-476.13	-110.82	28.94
55248	64.86	10.99	-14.33	-1366.66	811.00	-1114.47	-503.19	-108.69	31.38
55249	77.89	9.90	-14.33	-120.59	971.10	-720.10	-177.99	-45.88	0.85
55250	76.76	9.89	-14.33	-185.74	981.23	-754.11	-191.38	-52.76	0.37
55251	75.64	9.87	-14.33	-262.42	988.40	-788.02	-206.65	-60.04	0.04
55252	74.52	9.85	-14.33	-351.01	992.48	-821.80	-224.05	-67.61	-0.09
55253	73.40	9.82	-14.33	-451.68	993.36	-855.42	-243.80	-75.34	0.00
55254	72.28	9.78	-14.33	-564.31	990.98	-888.82	-266.06	-83.05	0.40
55255	71.17	9.74	-14.33	-688.43	985.32	-921.95	-290.97	-90.53	1.16
55256	70.06	9.69	-14.33	-823.09	976.42	-954.78	-318.59	-97.49	2.37
55257	68.95	9.63	-14.33	-966.80	964.35	-987.29	-348.90	-103.69	4.12
55258	67.85	9.56	-14.33	-1117.37	949.16	-1019.60	-381.92	-108.90	6.33
55259	77.87	11.69	-14.33	-78.64	951.18	-731.84	-193.81	-39.92	9.31
55260	76.70	11.67	-14.33	-141.04	959.72	-767.05	-207.15	-47.18	9.04
55261	75.54	11.62	-14.33	-215.49	964.74	-802.07	-222.47	-54.83	8.86
55262	74.38	11.55	-14.33	-302.40	966.17	-836.78	-240.05	-62.80	8.81
55263	73.23	11.46	-14.33	-401.93	964.00	-871.11	-260.11	-70.95	8.94
55264	72.08	11.35	-14.33	-513.95	958.31	-904.95	-282.85	-79.08	9.26
55265	70.94	11.21	-14.33	-637.94	949.33	-938.23	-308.41	-86.92	9.82
55266	69.81	11.06	-14.33	-772.93	937.41	-970.87	-336.81	-94.16	10.66
55267	68.70	10.88	-14.33	-917.44	922.98	-1002.83	-367.95	-100.54	11.81
55268	67.59	10.68	-14.33	-1069.38	906.19	-1034.56	-401.57	-106.06	13.62
55269	77.85	13.49	-14.33	-39.42	905.48	-743.33	-206.64	-38.50	22.74
55270	76.64	13.45	-14.33	-98.39	911.94	-779.76	-218.57	-46.18	22.76
55271	75.43	13.37	-14.33	-169.80	914.71	-815.84	-232.58	-54.24	22.70
55272	74.24	13.26	-14.33	-254.08	913.78	-851.40	-249.02	-62.58	22.59
55273	73.05	13.10	-14.33	-351.38	909.26	-886.34	-268.27	-71.02	22.46
55274	71.87	12.91	-14.33	-461.56	901.41	-920.53	-290.61	-79.30	22.30
55275	70.71	12.69	-14.33	-584.04	890.69	-953.87	-316.30	-87.12	22.15
55276	69.57	12.43	-14.33	-717.87	877.73	-986.24	-345.45	-94.14	22.08
55277	68.44	12.13	-14.33	-861.69	863.34	-1017.58	-377.93	-100.01	22.16
55278	67.34	11.80	-14.33	-1013.71	848.20	-1048.57	-413.21	-104.56	22.61
55279	77.82	15.29	-14.33	-6.87	825.22	-754.35	-213.06	-37.84	40.43
55280	76.57	15.23	-14.33	-62.15	829.24	-791.96	-222.05	-45.96	40.77
55281	75.33	15.12	-14.33	-129.99	830.12	-829.04	-233.27	-54.43	40.74
55282	74.09	14.96	-14.33	-210.82	827.93	-865.40	-247.28	-63.08	40.34
55283	72.87	14.75	-14.33	-304.78	822.84	-900.90	-264.65	-71.70	39.58
55284	71.67	14.48	-14.33	-411.64	815.22	-935.40	-285.86	-79.98	38.49
55285	70.48	14.16	-14.33	-530.84	805.59	-968.76	-311.34	-87.61	37.15
55286	69.32	13.80	-14.33	-661.44	794.73	-1000.88	-341.34	-94.22	35.69
55287	68.18	13.38	-14.33	-802.16	783.63	-1031.60	-375.83	-99.39	34.26
55288	67.08	12.92	-14.33	-951.36	773.05	-1061.59	-414.05	-103.05	34.13
55289	77.80	17.08	-14.33	15.91	705.86	-763.96	-211.52	-38.16	59.67
55290	76.51	17.01	-14.33	-35.67	707.30	-802.69	-216.15	-46.57	60.26
55291	75.23	16.87	-14.33	-99.56	707.10	-840.75	-223.30	-55.24	60.12
55292	73.95	16.66	-14.33	-176.15	705.39	-877.91	-233.78	-63.97	59.24
55293	72.70	16.39	-14.33	-265.54	702.32	-914.01	-248.40	-72.50	57.64
55294	71.46	16.04	-14.33	-367.49	698.16	-948.90	-267.91	-80.52	55.40
55295	70.25	15.64	-14.33	-481.46	693.33	-982.42	-292.89	-87.71	52.65
55296	69.07	15.17	-14.33	-606.62	688.47	-1014.41	-323.75	-93.73	49.60
55297	67.93	14.63	-14.33	-741.94	684.53	-1044.72	-360.49	-98.22	46.63
55298	66.82	14.04	-14.33	-886.49	683.06	-1073.64	-402.11	-100.97	44.64
55299	77.78	18.88	-14.33	27.74	551.44	-771.88	-200.81	-39.54	75.75
55300	76.45	18.79	-14.33	-20.28	550.40	-811.71	-200.25	-47.79	76.44
55301	75.12	18.62	-14.33	-79.86	550.11	-850.69	-202.61	-56.20	76.14
55302	73.81	18.37	-14.33	-151.37	550.64	-888.65	-209.03	-64.51	74.84
55303	72.52	18.03	-14.33	-234.95	552.05	-925.39	-220.57	-72.48	72.59
55304	71.25	17.61	-14.33	-330.39	554.42	-960.73	-238.13	-79.83	69.48
55305	70.02	17.11	-14.33	-437.27	557.82	-994.50	-262.49	-86.27	65.69
55306	68.82	16.54	-14.33	-554.99	562.56	-1026.52	-294.16	-91.51	61.50
55307	67.67	15.88	-14.33	-682.90	569.31	-1056.60	-333.32	-95.25	57.26
55308	66.56	15.16	-14.33	-820.99	579.75	-1084.75	-379.47	-97.58	53.98
55309	61.65	9.56	-14.33	-1824.48	821.21	-1187.45	-632.15	-53.53	40.48
55310	62.26	10.65	-14.33	-1629.30	749.55	-1179.09	-618.21	-67.49	41.76
55311	62.94	11.70	-14.33	-1443.95	689.04	-1167.02	-586.36	-79.38	43.65
55312	62.67	9.48	-14.33	-1758.47	848.81	-1161.79	-586.16	-77.54	31.30
55313	63.09	10.44	-14.33	-1595.71	793.40	-1156.38	-580.58	-84.61	34.56
55314	63.56	11.36	-14.33	-1439.42	741.47	-1149.08	-564.15	-92.08	39.91
55315	63.68	9.41	-14.33	-1667.02	872.13	-1135.73	-540.34	-93.88	26.54
55316	63.92	10.23	-14.33	-1546.45	828.49	-1134.76	-541.81	-96.21	29.34
55317	64.18	11.03	-14.33	-1421.85	786.09	-1131.48	-537.40	-103.04	34.97
55318	65.54	14.38	-14.33	-964.91	593.58	-1109.96	-429.77	-96.99	49.41
55319	65.85	13.43	-14.33	-1027.06	685.38	-1098.24	-445.31	-101.44	41.84
55320	66.15	12.48	-14.33	-1087.51	765.89	-1086.27	-450.44	-104.36	34.28
55321	64.60	13.56	-14.33	-1113.88	615.90	-1131.48	-484.32	-94.76	47.74
55322	65.01	12.81	-14.33	-1159.32	697.10	-1117.43	-487.75	-101.52	41.67
55323	65.40	12.07	-14.33	-1199.72	766.35	-1103.85	-482.84	-106.98	35.07
55324	63.72	12.67	-14.33	-1271.67	646.16	-1150.80	-539.51	-91.34	46.73
55325	64.20	12.15	-14.33	-1294.45	712.93	-1135.50	-531.03	-99.43	42.19
55326	64.68	11.64	-14.33	-1311.35	772.93	-1120.55	-516.84	-105.72	36.98
55327	90.12	-9.50	-11.67	-20.32	367.54	-256.46	82.02	6.35	-25.88
55328	91.16	-9.45	-11.67	-20.57	350.46	-222.44	79.87	7.14	-24.87
55329	92.20	-9.40	-11.67	-21.02	333.28	-189.38	77.66	6.18	-24.16
55330	90.31	-10.51	-11.67	-16.95	350.69	-247.67	86.95	6.48	-30.92
55331	91.22	-10.36	-11.67	-17.58	337.57	-218.25	84.39	7.03	-29.31
55332	92.12	-10.20	-11.67	-18.45	324.40	-189.89	81.73	5.94	-27.73
55333	90.50	-11.51	-11.67	-13.42	333.01	-239.07	91.14	6.60	-37.15
55334	91.27	-11.26	-11.67	-14.37	324.11	-214.42	88.56	6.87	-34.44
55335	92.04	-10.99	-11.67	-15.01	315.07	-190.73	85.39	6.14	-32.38
55336	79.01	-9.90	-11.67	-154.64	512.68	-630.37	111.67	-113.04	-26.12
55337	80.14	-9.89	-11.67	-122.99	502.35	-593.07	106.95	-92.01	-27.68
55338	81.26	-9.87	-11.67	-96.53	490.76	-555.57	102.96	-72.71	-28.90
55339	82.38	-9.85	-11.67	-74.90	478.04	-517.94	99.55	-55.35	-29.75
55340	83.50	-9.82	-11.67	-57.65	464.29	-480.26	96.55	-40.09	-30.20
55341	84.62	-9.78	-11.67	-44.31	449.64	-442.54	93.85	-27.01	-30.28



Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
55342	85.73	-9.74	-11.67	-34.42	434.20	-404.83	91.33	-16.16	-30.00
55343	86.84	-9.69	-11.67	-27.53	418.12	-367.16	88.89	-7.53	-29.35
55344	87.95	-9.63	-11.67	-23.20	401.52	-329.58	86.51	-1.03	-28.40
55345	89.05	-9.56	-11.67	-21.02	384.63	-292.27	84.18	3.53	-27.20
55346	79.03	-11.69	-11.67	-134.52	480.13	-629.85	123.07	-105.62	-41.66
55347	80.20	-11.67	-11.67	-105.24	470.71	-590.54	117.74	-84.90	-42.34
55348	81.36	-11.62	-11.67	-81.04	460.11	-551.15	113.16	-66.08	-42.61
55349	82.52	-11.55	-11.67	-61.52	448.46	-511.78	109.17	-49.34	-42.46
55350	83.67	-11.46	-11.67	-46.22	435.91	-472.54	105.59	-34.80	-41.89
55351	84.82	-11.35	-11.67	-34.66	422.60	-433.49	102.30	-22.53	-40.90
55352	85.96	-11.21	-11.67	-26.38	408.68	-394.70	99.15	-12.56	-39.52
55353	87.09	-11.06	-11.67	-20.92	394.30	-356.23	96.06	-4.85	-37.76
55354	88.20	-10.88	-11.67	-17.88	379.63	-318.24	92.95	0.73	-35.64
55355	89.31	-10.68	-11.67	-16.81	364.85	-281.00	89.77	4.46	-33.23
55356	79.05	-13.49	-11.67	-112.35	442.03	-629.71	130.33	-99.84	-67.38
55357	80.26	-13.45	-11.67	-85.89	433.91	-588.40	124.85	-79.25	-66.41
55358	81.47	-13.37	-11.67	-64.30	424.73	-547.03	120.12	-60.70	-64.84
55359	82.66	-13.26	-11.67	-47.20	414.63	-505.79	115.96	-44.36	-62.72
55360	83.85	-13.10	-11.67	-34.11	403.77	-464.83	112.19	-30.33	-60.08
55361	85.03	-12.91	-11.67	-24.55	392.31	-424.30	108.66	-18.68	-56.99
55362	86.19	-12.69	-11.67	-18.05	380.42	-384.35	105.23	-9.41	-53.51
55363	87.33	-12.43	-11.67	-14.16	368.25	-345.09	101.79	-2.46	-49.69
55364	88.46	-12.13	-11.67	-12.47	355.95	-306.77	98.24	2.32	-45.61
55365	89.56	-11.80	-11.67	-12.52	343.73	-269.75	94.46	5.15	-41.21
55366	79.08	-15.29	-11.67	-89.06	396.24	-626.45	133.62	-96.68	-102.41
55367	80.33	-15.23	-11.67	-65.68	389.99	-583.49	128.60	-76.06	-99.11
55368	81.57	-15.12	-11.67	-46.95	382.87	-540.44	124.26	-57.57	-94.86
55369	82.81	-14.96	-11.67	-32.46	375.04	-497.57	120.39	-41.41	-89.80
55370	84.03	-14.75	-11.67	-21.72	366.65	-455.13	116.81	-27.67	-84.08
55371	85.23	-14.48	-11.67	-14.27	357.85	-413.37	113.35	-16.42	-77.86
55372	86.42	-14.16	-11.67	-9.61	348.77	-372.52	109.88	-7.62	-71.28
55373	87.58	-13.80	-11.67	-7.28	339.55	-332.80	106.27	-1.19	-64.51
55374	88.72	-13.38	-11.67	-6.85	330.30	-294.50	102.43	3.07	-57.67
55375	89.82	-12.92	-11.67	-7.84	320.95	-258.04	98.26	5.35	-50.96
55376	79.10	-17.08	-11.67	-65.46	339.97	-613.97	132.68	-96.73	-141.17
55377	80.39	-17.01	-11.67	-45.25	336.28	-570.27	128.86	-76.19	-135.38
55378	81.67	-16.87	-11.67	-29.46	332.14	-526.48	125.54	-57.78	-128.15
55379	82.95	-16.66	-11.67	-17.61	327.62	-482.96	122.50	-41.71	-119.77
55380	84.20	-16.39	-11.67	-9.24	322.82	-440.03	119.54	-28.12	-110.54
55381	85.44	-16.04	-11.67	-3.87	317.81	-398.01	116.49	-17.03	-100.73
55382	86.65	-15.64	-11.67	-1.00	312.65	-357.18	113.22	-8.42	-90.63
55383	87.83	-15.17	-11.67	-0.15	307.40	-317.85	109.64	-2.17	-80.49
55384	88.97	-14.63	-11.67	-0.90	302.09	-280.31	105.69	1.92	-70.53
55385	90.08	-14.04	-11.67	-2.76	296.79	-244.91	101.39	4.10	-60.95
55386	79.12	-18.88	-11.67	-42.04	272.66	-586.98	126.90	-100.50	-173.26
55387	80.45	-18.79	-11.67	-24.97	272.15	-543.83	124.94	-80.70	-165.77
55388	81.78	-18.62	-11.67	-11.99	271.86	-500.82	123.30	-62.74	-156.44
55389	83.09	-18.37	-11.67	-2.68	271.70	-458.26	121.69	-46.91	-145.65
55390	84.38	-18.03	-11.67	3.44	271.62	-416.48	119.86	-33.37	-133.78
55391	85.65	-17.61	-11.67	6.86	271.56	-375.78	117.65	-22.17	-121.21
55392	86.88	-17.11	-11.67	8.04	271.46	-336.47	114.96	-13.31	-108.30
55393	88.08	-16.54	-11.67	7.46	271.26	-298.81	111.71	-6.69	-95.39
55394	89.23	-15.88	-11.67	5.55	270.93	-263.10	107.93	-2.15	-82.76
55395	90.34	-15.16	-11.67	2.68	270.43	-229.62	103.69	0.51	-70.66
55396	95.25	-9.56	-11.67	-19.60	277.44	-94.59	70.29	-6.02	-21.82
55397	94.64	-10.65	-11.67	-16.43	275.26	-110.30	76.80	-4.08	-27.05
55398	93.96	-11.70	-11.67	-12.70	272.86	-127.81	82.99	-1.95	-33.21
55399	94.23	-9.48	-11.67	-20.48	296.18	-125.91	72.89	-0.46	-22.56
55400	93.81	-10.44	-11.67	-17.51	292.32	-136.82	78.33	0.42	-27.04
55401	93.34	-11.36	-11.67	-14.14	288.03	-148.78	83.60	1.41	-32.18
55402	93.22	-9.41	-11.67	-20.87	314.59	-157.41	75.25	3.97	-23.34
55403	92.98	-10.23	-11.67	-18.23	309.06	-162.98	79.68	4.15	-27.03
55404	92.72	-11.03	-11.67	-15.86	303.13	-169.21	83.93	3.77	-31.64
55405	91.36	-14.38	-11.67	-0.81	270.52	-199.56	99.04	1.62	-60.14
55406	91.05	-13.43	-11.67	-5.35	292.84	-214.76	97.05	4.72	-52.82
55407	90.75	-12.48	-11.67	-9.55	313.49	-228.39	94.52	5.96	-45.59
55408	92.30	-13.56	-11.67	-4.63	270.62	-173.00	94.08	1.22	-50.13
55409	91.89	-12.81	-11.67	-8.07	289.87	-189.66	92.83	4.22	-45.43
55410	91.50	-12.07	-11.67	-11.23	308.05	-205.15	91.32	6.14	-40.87
55411	93.18	-12.67	-11.67	-8.60	271.09	-148.65	88.74	0.02	-41.62
55412	92.70	-12.15	-11.67	-10.90	287.02	-166.30	88.38	2.57	-38.94
55413	92.22	-11.64	-11.67	-13.01	302.55	-183.12	87.97	4.92	-35.59
55414	90.12	-9.50	-13.00	-21.02	456.44	-249.96	103.36	-3.52	-9.91
55415	91.16	-9.45	-13.00	-23.31	436.86	-217.74	100.89	-3.28	-9.29
55416	92.20	-9.40	-13.00	-25.96	416.99	-186.79	98.68	-3.73	-9.56
55417	90.31	-10.51	-13.00	-17.24	436.86	-239.56	110.86	-2.96	-13.47
55418	91.22	-10.36	-13.00	-20.05	421.57	-212.03	107.97	-2.78	-12.44
55419	92.12	-10.20	-13.00	-22.96	406.26	-186.09	105.00	-3.39	-11.93
55420	90.50	-11.51	-13.00	-13.67	416.37	-229.72	117.34	-1.92	-18.65
55421	91.27	-11.26	-13.00	-16.51	406.01	-207.03	114.15	-1.85	-16.67
55422	92.04	-10.99	-13.00	-19.92	395.05	-186.09	110.99	-2.04	-15.73
55423	79.01	-9.90	-13.00	-172.62	628.25	-601.43	141.15	-79.24	-10.04
55424	80.14	-9.89	-13.00	-134.14	615.76	-566.13	135.17	-65.08	-11.17
55425	81.26	-9.87	-13.00	-102.50	601.77	-530.80	130.14	-52.21	-12.10
55426	82.38	-9.85	-13.00	-77.13	586.45	-495.46	125.85	-40.73	-12.78
55427	83.50	-9.82	-13.00	-57.38	569.95	-460.14	122.10	-30.76	-13.21
55428	84.62	-9.78	-13.00	-42.58	552.45	-424.85	118.73	-22.36	-13.37
55429	85.73	-9.74	-13.00	-32.05	534.10	-389.60	115.56	-15.58	-13.25
55430	86.84	-9.69	-13.00	-25.13	515.09	-354.35	112.46	-10.44	-12.85
55431	87.95	-9.63	-13.00	-21.28	495.65	-319.10	109.31	-6.92	-12.12
55432	89.05	-9.56	-13.00	-20.12	476.07	-283.91	106.17	-4.77	-11.09
55433	79.03	-11.69	-13.00	-148.83	592.54	-595.61	155.84	-72.57	-21.24
55434	80.20	-11.67	-13.00	-113.14	581.17	-558.75	149.25	-58.52	-21.73
55435	81.36	-11.62	-13.00	-84.25	568.29	-521.98	143.62	-45.92	-21.96
55436	82.52	-11.55	-13.00	-61.49	554.11	-485.36	138.72	-34.85	-21.92
55437	83.67	-11.46	-13.00	-44.17	538.82	-448.94	134.33	-25.39	-21.60
55438	84.82	-11.35	-13.00	-31.58	522.65	-412.77	130.29	-17.62	-20.99
55439	85.96	-11.21	-13.00	-23.00	505.78	-376.89	126.43	-11.56	-20.10
55440	87.09	-11.06	-13.00	-17.73	488.45	-341.29	122.58	-7.27	-18.91

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
55441	88.20	-10.88	-13.00	-15.23	470.90	-305.95	118.59	-4.70	-17.35
55442	89.31	-10.68	-13.00	-15.31	453.41	-271.01	114.43	-3.48	-15.41
55443	79.05	-13.49	-13.00	-123.61	548.56	-589.42	165.58	-68.33	-40.69
55444	80.26	-13.45	-13.00	-91.12	538.97	-551.04	159.05	-54.23	-39.95
55445	81.47	-13.37	-13.00	-65.27	527.94	-512.83	153.40	-41.70	-38.81
55446	82.66	-13.26	-13.00	-45.37	515.70	-474.89	148.38	-30.80	-37.29
55447	83.85	-13.10	-13.00	-30.68	502.46	-437.35	143.79	-21.61	-35.42
55448	85.03	-12.91	-13.00	-20.47	488.46	-400.29	139.44	-14.19	-33.24
55449	86.19	-12.69	-13.00	-13.98	473.93	-363.80	135.18	-8.57	-30.79
55450	87.33	-12.43	-13.00	-10.51	459.07	-327.94	130.87	-4.76	-28.12
55451	88.46	-12.13	-13.00	-9.51	444.08	-292.70	126.35	-2.74	-25.19
55452	89.56	-11.80	-13.00	-10.87	429.26	-258.30	121.52	-2.18	-21.87
55453	79.08	-15.29	-13.00	-99.02	491.82	-582.42	170.77	-66.46	-66.20
55454	80.33	-15.23	-13.00	-69.85	484.87	-542.66	165.06	-52.22	-63.79
55455	81.57	-15.12	-13.00	-47.10	476.76	-503.13	160.09	-39.62	-60.71
55456	82.81	-14.96	-13.00	-30.04	467.66	-463.98	155.55	-28.75	-57.08
55457	84.03	-14.75	-13.00	-17.93	457.79	-425.40	151.23	-19.67	-52.99
55458	85.23	-14.48	-13.00	-10.01	447.33	-387.54	146.94	-12.43	-48.57
55459	86.42	-14.16	-13.00	-5.56	436.47	-350.56	142.54	-7.00	-43.92
55460	87.58	-13.80	-13.00	-3.86	425.37	-314.59	137.92	-3.37	-39.18
55461	88.72	-13.38	-13.00	-4.33	414.16	-279.70	132.98	-1.45	-34.38
55462	89.82	-12.92	-13.00	-6.70	402.78	-246.26	127.65	-0.95	-29.60
55463	79.10	-17.08	-13.00	-76.32	420.22	-571.55	170.41	-66.97	-93.79
55464	80.39	-17.01	-13.00	-50.32	416.81	-530.83	166.35	-52.71	-89.66
55465	81.67	-16.87	-13.00	-30.43	412.78	-490.41	162.79	-40.06	-84.51
55466	82.95	-16.66	-13.00	-15.93	408.23	-450.51	159.40	-29.15	-78.56
55467	84.20	-16.39	-13.00	-6.09	403.24	-411.35	155.91	-20.05	-72.02
55468	85.44	-16.04	-13.00	-0.17	397.90	-373.16	152.14	-12.79	-65.09
55469	86.65	-15.64	-13.00	2.54	392.28	-336.12	147.96	-7.34	-57.97
55470	87.83	-15.17	-13.00	2.74	386.43	-300.44	143.30	-3.60	-50.86
55471	88.97	-14.63	-13.00	1.02	380.35	-266.30	138.14	-1.45	-43.87
55472	90.08	-14.04	-13.00	-2.16	374.10	-234.06	132.54	-0.66	-37.04
55473	79.12	-18.88	-13.00	-55.99	335.45	-554.46	163.64	-70.17	-116.08
55474	80.45	-18.79	-13.00	-32.83	336.18	-513.30	161.85	-56.36	-110.82
55475	81.78	-18.62	-13.00	-15.34	337.15	-472.61	160.37	-43.94	-104.27
55476	83.09	-18.37	-13.00	-2.89	338.26	-432.64	158.75	-33.09	-96.69
55477	84.38	-18.03	-13.00	5.19	339.45	-393.60	156.70	-23.92	-88.35
55478	85.65	-17.61	-13.00	9.60	340.60	-355.73	154.01	-16.45	-79.51
55479	86.88	-17.11	-13.00	11.01	341.61	-319.26	150.57	-10.68	-70.43
55480	88.08	-16.54	-13.00	10.08	342.35	-284.40	146.34	-6.51	-61.35
55481	89.23	-15.88	-13.00	7.41	342.73	-251.37	141.34	-3.85	-52.44
55482	90.34	-15.16	-13.00	3.52	342.65	-220.48	135.74	-2.54	-43.79
55483	95.25	-9.56	-13.00	-26.71	353.04	-96.77	91.23	-11.62	-10.06
55484	94.64	-10.65	-13.00	-23.35	349.87	-111.46	100.18	-10.03	-13.05
55485	93.96	-11.70	-13.00	-18.41	346.83	-127.72	108.63	-8.13	-16.81
55486	94.23	-9.48	-13.00	-27.99	374.18	-127.36	94.01	-7.79	-10.28
55487	93.81	-10.44	-13.00	-24.49	369.26	-137.37	101.79	-6.90	-12.88
55488	93.34	-11.36	-13.00	-19.82	364.10	-148.24	109.03	-5.61	-16.10
55489	93.22	-9.41	-13.00	-27.41	395.37	-157.05	96.33	-4.85	-10.05
55490	92.98	-10.23	-13.00	-24.25	388.60	-161.67	102.86	-4.28	-12.31
55491	92.72	-11.03	-13.00	-20.00	381.58	-166.79	108.93	-3.77	-15.70
55492	91.36	-14.38	-13.00	-1.18	342.94	-192.92	129.68	-2.43	-36.22
55493	91.05	-13.43	-13.00	-6.25	369.30	-206.77	126.88	-0.85	-31.17
55494	90.75	-12.48	-13.00	-10.14	393.68	-219.16	122.82	-1.20	-25.78
55495	92.30	-13.56	-13.00	-6.48	343.20	-168.80	123.35	-3.74	-28.68
55496	91.89	-12.81	-13.00	-10.44	365.80	-184.36	121.41	-1.96	-25.55
55497	91.50	-12.07	-13.00	-13.30	387.06	-198.24	118.60	-1.33	-22.20
55498	93.18	-12.67	-13.00	-12.41	344.18	-146.83	116.46	-5.73	-22.51
55499	92.70	-12.15	-13.00	-15.17	362.76	-163.82	115.49	-3.99	-20.76
55500	92.22	-11.64	-13.00	-16.95	381.25	-178.90	113.85	-2.29	-18.21
55501	90.12	-9.50	-14.33	-16.57	548.47	-247.62	126.92	-19.29	7.07
55502	91.16	-9.45	-14.33	-22.69	527.55	-216.31	122.99	-20.84	8.19
55503	92.20	-9.40	-14.33	-30.99	505.35	-185.74	120.68	-21.70	8.04
55504	90.31	-10.51	-14.33	-8.95	529.16	-236.37	133.90	-18.39	5.36
55505	91.22	-10.36	-14.33	-15.64	512.60	-209.50	129.31	-21.00	7.22
55506	92.12	-10.20	-14.33	-26.26	495.33	-183.88	126.39	-22.40	7.89
55507	90.50	-11.51	-14.33	-3.63	506.78	-225.57	143.55	-18.46	2.89
55508	91.27	-11.26	-14.33	-10.36	494.09	-203.55	139.38	-21.79	5.30
55509	92.04	-10.99	-14.33	-18.74	482.57	-182.38	133.81	-24.06	6.59
55510	79.01	-9.90	-14.33	-171.62	746.64	-584.64	171.48	-39.40	5.28
55511	80.14	-9.89	-14.33	-127.58	731.70	-550.57	164.68	-34.30	4.77
55512	81.26	-9.87	-14.33	-92.24	715.07	-516.53	159.04	-29.75	4.31
55513	82.38	-9.85	-14.33	-64.76	696.95	-482.55	154.30	-25.81	3.97
55514	83.50	-9.82	-14.33	-44.25	677.55	-448.63	150.21	-22.54	3.75
55515	84.62	-9.78	-14.33	-29.77	657.07	-414.81	146.55	-19.96	3.66
55516	85.73	-9.74	-14.33	-20.37	635.74	-381.07	143.10	-18.14	3.74
55517	86.84	-9.69	-14.33	-15.07	613.80	-347.41	139.61	-17.14	4.01
55518	87.95	-9.63	-14.33	-12.94	591.58	-313.80	135.83	-17.04	4.55
55519	89.05	-9.56	-14.33	-13.37	569.69	-280.21	131.45	-17.92	5.57
55520	79.03	-11.69	-14.33	-143.94	717.27	-575.17	186.86	-33.38	-1.65
55521	80.20	-11.67	-14.33	-103.17	703.25	-539.87	179.35	-28.30	-1.83
55522	81.36	-11.62	-14.33	-71.05	687.36	-504.72	172.97	-23.84	-1.92
55523	82.52	-11.55	-14.33	-46.67	669.88	-469.78	167.46	-20.05	-1.87
55524	83.67	-11.46	-14.33	-29.05	651.09	-435.11	162.59	-16.99	-1.67
55525	84.82	-11.35	-14.33	-17.18	631.26	-400.74	158.11	-14.70	-1.31
55526	85.96	-11.21	-14.33	-10.01	610.68	-366.71	153.82	-13.24	-0.76
55527	87.09	-11.06	-14.33	-6.48	589.64	-333.02	149.52	-12.70	-0.01
55528	88.20	-10.88	-14.33	-5.44	568.46	-299.64	144.91	-13.30	1.05
55529	89.31	-10.68	-14.33	-5.88	547.81	-266.51	139.32	-15.38	2.86
55530	79.05	-13.49	-14.33	-116.26	672.13	-565.88	200.25	-31.82	-9.99
55531	80.26	-13.45	-14.33	-79.15	660.10	-529.34	192.92	-26.68	-9.67
55532	81.47	-13.37	-14.33	-50.57	646.21	-493.05	186.57	-22.18	-9.21
55533	82.66	-13.26	-14.33	-29.53	630.74	-457.12	180.91	-18.40	-8.57
55534	83.85	-13.10	-14.33	-14.98	614.01	-421.65	175.69	-15.38	-7.76
55535	85.03	-12.91	-14.33	-5.86	596.36	-386.71	170.70	-13.16	-6.78
55536	86.19	-12.69	-14.33	-1.10	578.07	-352.37	165.75	-11.78	-5.63
55537	87.33	-12.43	-14.33	0.41	559.45	-318.66	160.71	-11.34	-4.31
55538	88.46	-12.13	-14.33	-0.11	540.71	-285.58	155.43	-12.09	-2.82
55539	89.56	-11.80	-14.33	-1.03	522.31	-253.03	149.20	-14.76	-0.43

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
55540	79.08	-15.29	-14.33	-91.16	606.47	-556.71	208.46	-30.93	-20.62
55541	80.33	-15.23	-14.33	-57.61	597.79	-518.94	202.37	-25.68	-19.59
55542	81.57	-15.12	-14.33	-32.38	587.52	-481.53	196.99	-21.11	-18.32
55543	82.81	-14.96	-14.33	-14.43	575.93	-444.63	191.98	-17.29	-16.81
55544	84.03	-14.75	-14.33	-2.70	563.28	-408.38	187.08	-14.27	-15.09
55545	85.23	-14.48	-14.33	3.90	549.86	-372.88	182.07	-12.08	-13.20
55546	86.42	-14.16	-14.33	6.45	535.91	-338.23	176.81	-10.75	-11.17
55547	87.58	-13.80	-14.33	5.96	521.65	-304.54	171.25	-10.31	-9.05
55548	88.72	-13.38	-14.33	3.52	507.25	-271.85	165.37	-10.90	-6.91
55549	89.82	-12.92	-14.33	0.54	492.36	-240.25	159.01	-13.10	-4.26
55550	79.10	-17.08	-14.33	-70.68	517.65	-546.73	209.98	-31.06	-32.25
55551	80.39	-17.01	-14.33	-40.21	513.69	-507.82	206.19	-25.70	-30.52
55552	81.67	-16.87	-14.33	-17.75	508.86	-469.39	202.77	-21.04	-28.39
55553	82.95	-16.66	-14.33	-2.28	503.26	-431.64	199.30	-17.14	-25.91
55554	84.20	-16.39	-14.33	7.27	497.00	-394.72	195.47	-14.05	-23.18
55555	85.44	-16.04	-14.33	11.94	490.20	-358.78	191.08	-11.80	-20.27
55556	86.65	-15.64	-14.33	12.75	482.93	-323.95	186.03	-10.38	-17.25
55557	87.83	-15.17	-14.33	10.67	475.27	-290.39	180.30	-9.79	-14.19
55558	88.97	-14.63	-14.33	6.54	467.20	-258.21	173.99	-10.02	-11.18
55559	90.08	-14.04	-14.33	1.28	458.29	-227.62	167.26	-11.28	-7.82
55560	79.12	-18.88	-14.33	-55.71	408.00	-535.71	203.31	-32.46	-41.97
55561	80.45	-18.79	-14.33	-27.64	409.70	-495.76	202.66	-27.12	-39.83
55562	81.78	-18.62	-14.33	-7.10	411.66	-456.43	202.10	-22.39	-37.15
55563	83.09	-18.37	-14.33	6.80	413.72	-417.94	201.07	-18.35	-34.04
55564	84.38	-18.03	-14.33	15.00	415.78	-380.47	199.19	-15.07	-30.60
55565	85.65	-17.61	-14.33	18.48	417.70	-344.21	196.26	-12.54	-26.92
55566	86.88	-17.11	-14.33	18.18	419.27	-309.32	192.20	-10.78	-23.12
55567	88.08	-16.54	-14.33	14.98	420.31	-275.98	187.03	-9.77	-19.27
55568	89.23	-15.88	-14.33	9.61	420.61	-244.36	180.88	-9.45	-15.45
55569	90.34	-15.16	-14.33	2.72	419.66	-214.71	174.06	-9.86	-11.47
55570	95.25	-9.56	-14.33	-44.86	426.68	-96.13	117.90	-18.97	4.22
55571	94.64	-10.65	-14.33	-43.99	425.27	-109.37	128.20	-17.73	2.39
55572	93.96	-11.70	-14.33	-40.43	421.43	-124.99	141.54	-18.38	1.85
55573	94.23	-9.48	-14.33	-44.03	452.29	-126.36	119.35	-20.25	5.31
55574	93.81	-10.44	-14.33	-43.30	448.74	-135.01	128.15	-20.24	4.21
55575	93.34	-11.36	-14.33	-39.80	442.72	-145.18	139.99	-21.94	4.20
55576	93.22	-9.41	-14.33	-39.60	478.64	-156.24	120.11	-21.06	6.73
55577	92.98	-10.23	-14.33	-37.73	472.73	-159.70	127.17	-21.51	6.39
55578	92.72	-11.03	-14.33	-36.43	464.34	-164.49	136.35	-24.59	6.03
55579	91.36	-14.38	-14.33	-5.77	418.36	-188.09	167.32	-11.15	-7.85
55580	91.05	-13.43	-14.33	-5.71	450.48	-201.49	161.40	-13.69	-4.41
55581	90.75	-12.48	-14.33	-4.11	480.00	-214.32	154.02	-16.73	-1.44
55582	92.30	-13.56	-14.33	-16.26	416.79	-164.68	160.73	-13.59	-3.59
55583	91.89	-12.81	-14.33	-15.49	444.05	-179.93	156.34	-16.85	-0.59
55584	91.50	-12.07	-14.33	-12.45	470.92	-194.19	150.24	-19.91	1.54
55585	93.18	-12.67	-14.33	-28.64	416.79	-143.37	153.45	-16.48	-0.32
55586	92.70	-12.15	-14.33	-27.14	438.91	-159.99	150.69	-20.52	2.57
55587	92.22	-11.64	-14.33	-22.94	461.29	-175.55	146.14	-23.53	5.35
55588	66.76	-9.49	-14.33	-1321.71	771.96	-952.87	397.17	-102.76	8.69
55589	65.73	-9.44	-14.33	-1454.39	762.96	-982.01	433.13	-101.51	7.89
55590	64.69	-9.39	-14.33	-1580.29	754.43	-1010.40	472.08	-97.69	5.96
55591	66.54	-10.47	-14.33	-1273.97	724.81	-955.78	422.10	-99.41	3.81
55592	65.64	-10.33	-14.33	-1387.58	717.64	-981.04	452.49	-99.91	4.30
55593	64.75	-10.18	-14.33	-1494.22	710.50	-1005.81	485.07	-97.44	4.59
55594	66.34	-11.46	-14.33	-1214.98	667.14	-957.80	441.30	-97.40	-0.58
55595	65.57	-11.21	-14.33	-1313.15	665.97	-979.25	467.20	-100.00	0.59
55596	64.82	-10.96	-14.33	-1409.32	661.78	-1001.44	491.20	-97.80	1.74
55597	77.88	-9.89	-14.33	-225.56	759.84	-618.99	179.78	-45.01	5.87
55598	76.75	-9.88	-14.33	-290.37	771.19	-653.53	189.77	-51.30	6.61
55599	75.61	-9.86	-14.33	-365.80	780.35	-687.89	201.80	-57.96	7.42
55600	74.49	-9.83	-14.33	-452.16	787.16	-722.07	216.12	-64.87	8.25
55601	73.37	-9.80	-14.33	-549.54	791.56	-756.05	233.01	-71.87	9.02
55602	72.25	-9.76	-14.33	-657.74	793.52	-789.80	252.70	-78.79	9.71
55603	71.14	-9.71	-14.33	-776.22	793.07	-823.28	275.36	-85.40	10.25
55604	70.03	-9.66	-14.33	-904.02	790.31	-856.46	301.14	-91.43	10.61
55605	68.93	-9.60	-14.33	-1039.66	785.47	-889.29	330.11	-96.59	10.74
55606	67.83	-9.54	-14.33	-1181.02	778.97	-921.84	362.45	-100.58	11.00
55607	77.85	-11.68	-14.33	-195.42	729.52	-611.25	196.01	-39.13	-1.29
55608	76.65	-11.64	-14.33	-258.67	739.72	-647.89	207.01	-45.53	-0.72
55609	75.46	-11.58	-14.33	-332.73	747.28	-684.16	220.08	-52.41	-0.04
55610	74.29	-11.50	-14.33	-417.89	752.10	-720.05	235.54	-59.57	0.70
55611	73.13	-11.40	-14.33	-514.17	754.19	-755.55	253.65	-66.84	1.47
55612	71.98	-11.28	-14.33	-621.32	753.64	-790.61	274.61	-74.02	2.24
55613	70.85	-11.15	-14.33	-738.76	750.68	-825.18	298.58	-80.86	2.99
55614	69.73	-10.99	-14.33	-865.53	745.65	-859.22	325.62	-87.11	3.69
55615	68.62	-10.82	-14.33	-1000.22	739.04	-892.70	355.72	-92.47	4.38
55616	67.53	-10.63	-14.33	-1140.88	731.41	-925.97	389.00	-96.83	5.35
55617	77.82	-13.48	-14.33	-164.32	682.51	-603.50	209.18	-37.72	-10.08
55618	76.57	-13.42	-14.33	-224.47	690.81	-641.90	220.10	-44.25	-9.84
55619	75.34	-13.32	-14.33	-295.54	696.30	-679.81	233.12	-51.27	-9.37
55620	74.12	-13.19	-14.33	-377.84	698.94	-717.22	248.64	-58.55	-8.73
55621	72.92	-13.03	-14.33	-471.40	698.86	-754.09	266.99	-65.90	-7.92
55622	71.75	-12.83	-14.33	-575.97	696.30	-790.36	288.44	-73.09	-6.94
55623	70.59	-12.61	-14.33	-690.98	691.66	-825.95	313.21	-79.84	-5.81
55624	69.46	-12.35	-14.33	-815.56	685.50	-860.83	341.40	-85.86	-4.55
55625	68.35	-12.06	-14.33	-948.51	678.52	-894.98	372.98	-90.92	-3.17
55626	67.26	-11.74	-14.33	-1088.27	671.43	-929.05	408.06	-94.79	-0.92
55627	77.80	-15.28	-14.33	-135.38	613.87	-595.64	215.97	-37.00	-21.29
55628	76.50	-15.20	-14.33	-191.38	619.53	-635.39	225.48	-43.66	-21.48
55629	75.23	-15.07	-14.33	-258.23	622.72	-674.65	237.18	-50.77	-21.24
55630	73.98	-14.90	-14.33	-336.27	623.50	-713.38	251.58	-58.10	-20.60
55631	72.74	-14.67	-14.33	-425.58	622.08	-751.49	269.17	-65.42	-19.55
55632	71.54	-14.40	-14.33	-525.92	618.78	-788.90	290.37	-72.47	-18.10
55633	70.36	-14.08	-14.33	-636.80	614.10	-825.52	315.52	-78.97	-16.29
55634	69.21	-13.72	-14.33	-757.46	608.68	-861.29	344.82	-84.63	-14.18
55635	68.09	-13.31	-14.33	-886.86	603.30	-896.16	378.32	-89.16	-11.82
55636	67.00	-12.86	-14.33	-1023.51	597.92	-930.89	415.85	-92.52	-9.30
55637	77.78	-17.07	-14.33	-111.09	521.02	-586.69	214.87	-37.21	-33.49
55638	76.46	-16.99	-14.33	-162.37	523.43	-627.36	221.71	-43.87	-34.10

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
55639	75.15	-16.84	-14.33	-224.15	524.42	-667.69	230.87	-50.91	-34.02
55640	73.86	-16.62	-14.33	-296.82	524.14	-707.57	243.08	-58.07	-33.29
55641	72.60	-16.34	-14.33	-380.50	522.80	-746.88	259.01	-65.13	-31.87
55642	71.36	-15.99	-14.33	-475.04	520.71	-785.49	279.26	-71.82	-29.82
55643	70.16	-15.58	-14.33	-580.06	518.29	-823.27	304.33	-77.87	-27.21
55644	68.99	-15.11	-14.33	-694.95	516.11	-860.13	334.54	-82.99	-24.18
55645	67.85	-14.58	-14.33	-819.00	514.91	-895.95	369.91	-86.92	-20.93
55646	66.76	-14.00	-14.33	-951.25	515.31	-931.17	409.61	-89.42	-17.58
55647	77.77	-18.88	-14.33	-92.66	406.82	-576.40	204.78	-38.41	-43.50
55648	76.43	-18.79	-14.33	-139.07	405.76	-617.59	208.06	-44.78	-44.32
55649	75.09	-18.61	-14.33	-195.27	404.87	-658.71	213.97	-51.37	-44.37
55650	73.77	-18.35	-14.33	-261.71	404.45	-699.61	223.39	-57.98	-43.59
55651	72.48	-18.01	-14.33	-338.60	404.66	-740.08	237.17	-64.39	-42.00
55652	71.22	-17.59	-14.33	-425.94	405.67	-779.95	256.07	-70.36	-39.64
55653	69.98	-17.09	-14.33	-523.55	407.67	-819.04	280.73	-75.66	-36.63
55654	68.79	-16.51	-14.33	-631.11	411.02	-857.19	311.61	-80.01	-33.16
55655	67.64	-15.87	-14.33	-748.26	416.37	-894.21	348.85	-83.17	-29.43
55656	66.54	-15.15	-14.33	-875.13	424.91	-930.18	391.77	-85.11	-26.10
55657	61.65	-9.56	-14.33	-1826.31	693.90	-1090.25	607.41	-43.53	-18.50
55658	62.26	-10.65	-14.33	-1637.55	615.14	-1070.63	597.74	-56.45	-18.45
55659	62.93	-11.69	-14.33	-1459.67	545.49	-1048.36	570.80	-66.75	-17.76
55660	62.66	-9.48	-14.33	-1770.82	718.15	-1064.41	559.58	-68.23	-6.39
55661	63.08	-10.42	-14.33	-1614.16	656.29	-1049.34	557.99	-74.41	-7.50
55662	63.54	-11.34	-14.33	-1464.54	595.43	-1033.40	546.53	-80.21	-10.02
55663	63.67	-9.40	-14.33	-1690.05	739.28	-1038.12	513.21	-84.72	0.36
55664	63.90	-10.21	-14.33	-1574.87	690.08	-1029.01	518.54	-86.40	0.47
55665	64.15	-11.00	-14.33	-1455.07	639.66	-1018.43	518.54	-92.09	-1.86
55666	65.52	-14.37	-14.33	-1008.05	436.82	-963.93	437.07	-84.26	-20.75
55667	65.80	-13.39	-14.33	-1080.32	518.83	-962.48	449.11	-89.75	-12.33
55668	66.09	-12.43	-14.33	-1148.32	594.80	-960.29	450.33	-93.64	-5.63
55669	64.59	-13.54	-14.33	-1147.06	458.54	-994.55	484.44	-81.54	-18.48
55670	64.97	-12.78	-14.33	-1202.34	532.42	-988.46	485.53	-89.43	-10.02
55671	65.35	-12.03	-14.33	-1250.60	599.84	-982.16	478.38	-95.86	-3.20
55672	63.71	-12.66	-14.33	-1295.93	492.30	-1023.12	531.19	-77.63	-18.02
55673	64.17	-12.13	-14.33	-1327.63	553.94	-1013.14	521.03	-86.89	-9.90
55674	64.64	-11.61	-14.33	-1352.22	610.74	-1003.28	506.40	-94.31	-2.96
55675	66.76	-9.49	-13.00	-1082.90	646.98	-957.76	327.05	-222.21	-5.35
55676	65.73	-9.44	-13.00	-1183.74	637.51	-980.24	356.37	-213.57	-9.90
55677	64.69	-9.39	-13.00	-1280.00	628.04	-999.76	387.30	-197.29	-16.97
55678	66.54	-10.47	-13.00	-1033.91	603.54	-962.43	348.02	-215.97	-15.90
55679	65.64	-10.33	-13.00	-1121.06	596.25	-981.56	373.06	-208.26	-19.13
55680	64.75	-10.18	-13.00	-1204.89	588.78	-997.97	398.98	-194.83	-23.46
55681	66.34	-11.46	-13.00	-975.74	553.80	-965.00	361.84	-208.98	-28.70
55682	65.57	-11.21	-13.00	-1052.09	552.22	-981.11	383.19	-202.94	-30.34
55683	64.82	-10.96	-13.00	-1128.36	547.72	-995.35	403.22	-190.67	-32.52
55684	77.88	-9.89	-13.00	-218.79	639.24	-636.89	148.33	-94.55	-8.69
55685	76.75	-9.88	-13.00	-273.28	648.67	-672.38	156.88	-111.07	-7.09
55686	75.61	-9.86	-13.00	-335.82	656.20	-707.50	167.09	-128.18	-5.36
55687	74.49	-9.83	-13.00	-406.48	661.76	-742.16	179.15	-145.57	-3.62
55688	73.37	-9.80	-13.00	-485.16	665.29	-776.25	193.26	-162.79	-1.99
55689	72.25	-9.76	-13.00	-571.52	666.77	-809.64	209.59	-179.30	-0.62
55690	71.14	-9.71	-13.00	-664.99	666.23	-842.14	228.27	-194.44	0.34
55691	70.03	-9.66	-13.00	-764.65	663.73	-873.57	249.39	-207.39	0.72
55692	68.93	-9.60	-13.00	-869.23	659.44	-903.68	273.00	-217.17	0.36
55693	67.83	-9.54	-13.00	-976.98	653.61	-932.15	299.04	-222.57	-0.66
55694	77.85	-11.68	-13.00	-192.71	602.58	-633.09	163.73	-88.11	-20.38
55695	76.65	-11.64	-13.00	-245.51	611.07	-670.95	173.15	-104.97	-19.17
55696	75.46	-11.58	-13.00	-306.47	617.43	-708.18	184.27	-122.50	-17.80
55697	74.29	-11.50	-13.00	-375.55	621.65	-744.67	197.31	-140.33	-16.34
55698	73.13	-11.40	-13.00	-452.60	623.75	-780.28	212.44	-157.97	-14.90
55699	71.98	-11.28	-13.00	-537.27	623.83	-814.84	229.79	-174.82	-13.59
55700	70.85	-11.15	-13.00	-628.96	622.05	-848.14	249.44	-190.15	-12.52
55701	69.73	-10.99	-13.00	-726.81	618.66	-879.99	271.38	-203.09	-11.83
55702	68.62	-10.82	-13.00	-829.58	613.99	-910.22	295.56	-212.59	-11.58
55703	67.53	-10.63	-13.00	-935.53	608.52	-938.57	321.85	-217.26	-11.89
55704	77.82	-13.48	-13.00	-164.41	556.99	-628.69	173.46	-84.11	-40.83
55705	76.57	-13.42	-13.00	-214.24	563.94	-668.46	182.99	-101.27	-40.35
55706	75.34	-13.32	-13.00	-272.22	568.73	-707.42	194.27	-119.09	-39.44
55707	74.12	-13.19	-13.00	-338.34	571.39	-745.39	207.56	-137.17	-38.15
55708	72.92	-13.03	-13.00	-412.45	572.04	-782.20	223.07	-154.97	-36.53
55709	71.75	-12.83	-13.00	-494.25	570.87	-817.66	240.97	-171.82	-34.66
55710	70.59	-12.61	-13.00	-583.21	568.21	-851.56	261.33	-186.93	-32.65
55711	69.46	-12.35	-13.00	-678.59	564.45	-883.73	284.15	-199.39	-30.66
55712	68.35	-12.06	-13.00	-779.29	560.06	-914.13	309.28	-208.11	-28.88
55713	67.26	-11.74	-13.00	-883.61	555.73	-942.56	336.47	-211.26	-27.19
55714	77.80	-15.28	-13.00	-136.21	497.89	-623.09	177.72	-82.45	-67.70
55715	76.50	-15.20	-13.00	-182.08	502.78	-664.22	186.36	-99.76	-68.19
55716	75.23	-15.07	-13.00	-235.97	505.82	-704.42	196.82	-117.68	-67.77
55717	73.98	-14.90	-13.00	-297.91	507.12	-743.49	209.44	-135.74	-66.44
55718	72.74	-14.67	-13.00	-367.85	506.84	-781.22	224.53	-153.33	-64.21
55719	71.54	-14.40	-13.00	-445.53	505.24	-817.40	242.34	-169.75	-61.18
55720	70.36	-14.08	-13.00	-530.57	502.73	-851.85	263.06	-184.18	-57.52
55721	69.21	-13.72	-13.00	-622.39	499.80	-884.40	286.71	-195.70	-53.48
55722	68.09	-13.31	-13.00	-720.19	497.04	-915.05	313.12	-203.28	-49.43
55723	67.00	-12.86	-13.00	-822.67	494.79	-943.78	341.70	-205.35	-46.27
55724	77.78	-17.07	-13.00	-109.74	423.29	-613.05	175.52	-82.89	-96.67
55725	76.46	-16.99	-13.00	-151.09	425.73	-654.88	182.27	-99.93	-98.12
55726	75.15	-16.84	-13.00	-200.13	427.13	-695.88	190.93	-117.44	-98.07
55727	73.86	-16.62	-13.00	-257.01	427.62	-735.82	202.00	-134.91	-96.49
55728	72.60	-16.34	-13.00	-321.75	427.40	-774.45	215.92	-151.70	-93.40
55729	71.36	-15.99	-13.00	-394.23	426.71	-811.57	233.08	-167.10	-88.94
55730	70.16	-15.58	-13.00	-474.18	425.90	-846.97	253.77	-180.32	-83.36
55731	68.99	-15.11	-13.00	-561.26	425.47	-880.45	278.15	-190.52	-77.05
55732	67.85	-14.58	-13.00	-655.12	426.06	-911.95	306.05	-196.79	-70.63
55733	66.76	-14.00	-13.00	-755.29	428.51	-941.37	336.68	-197.89	-64.90
55734	77.77	-18.88	-13.00	-85.76	335.17	-596.12	166.24	-85.25	-119.84
55735	76.43	-18.79	-13.00	-122.42	335.05	-637.99	170.38	-101.18	-121.92
55736	75.09	-18.61	-13.00	-166.22	335.10	-679.44	176.61	-117.37	-122.14
55737	73.77	-18.35	-13.00	-217.45	335.53	-720.17	185.57	-133.30	-120.42

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
55738	72.48	-18.01	-13.00	-276.26	336.47	-759.92	197.84	-148.42	-116.80
55739	71.22	-17.59	-13.00	-342.68	338.08	-798.42	213.93	-162.08	-111.42
55740	69.98	-17.09	-13.00	-416.64	340.56	-835.41	234.29	-173.57	-104.62
55741	68.79	-16.51	-13.00	-498.08	344.27	-870.62	259.20	-182.16	-96.84
55742	67.64	-15.87	-13.00	-587.03	349.86	-903.81	288.69	-187.07	-88.71
55743	66.54	-15.15	-13.00	-684.03	358.43	-934.76	322.28	-187.62	-81.39
55744	61.65	-9.56	-13.00	-1473.88	572.29	-1043.33	489.80	-68.00	-64.18
55745	62.26	-10.65	-13.00	-1311.02	511.17	-1034.19	484.55	-101.44	-65.81
55746	62.93	-11.69	-13.00	-1159.47	457.47	-1021.91	462.46	-127.85	-65.83
55747	62.66	-9.48	-13.00	-1428.43	594.29	-1032.07	454.24	-125.39	-43.20
55748	63.08	-10.42	-13.00	-1297.36	543.79	-1024.38	455.27	-140.62	-47.93
55749	63.54	-11.34	-13.00	-1170.47	496.55	-1014.80	444.57	-153.71	-53.34
55750	63.67	-9.40	-13.00	-1365.23	613.46	-1017.33	419.62	-166.56	-28.96
55751	63.90	-10.21	-13.00	-1268.16	571.50	-1012.54	425.87	-170.22	-33.43
55752	64.15	-11.00	-13.00	-1170.03	530.96	-1006.29	425.74	-175.94	-40.39
55753	65.52	-14.37	-13.00	-786.58	369.93	-962.46	357.13	-181.95	-72.93
55754	65.80	-13.39	-13.00	-852.95	434.00	-966.18	366.29	-193.12	-58.40
55755	66.09	-12.43	-13.00	-914.63	494.88	-966.62	366.85	-201.24	-43.30
55756	64.59	-13.54	-13.00	-898.26	389.04	-986.12	393.80	-170.35	-68.73
55757	64.97	-12.78	-13.00	-951.29	446.76	-985.71	394.34	-183.96	-55.86
55758	65.35	-12.03	-13.00	-996.81	499.69	-983.08	388.45	-194.75	-42.47
55759	63.71	-12.66	-13.00	-1020.86	415.96	-1005.96	430.63	-153.78	-67.11
55760	64.17	-12.13	-13.00	-1054.57	463.36	-1002.10	423.16	-170.33	-55.25
55761	64.64	-11.61	-13.00	-1080.56	510.21	-996.33	411.09	-183.09	-43.68
55762	66.76	-9.49	-11.67	-858.92	529.16	-963.70	259.90	-312.39	-19.23
55763	65.73	-9.44	-11.67	-937.58	520.73	-975.22	282.88	-299.94	-26.54
55764	64.69	-9.39	-11.67	-1015.20	511.91	-981.53	307.20	-276.87	-37.43
55765	66.54	-10.47	-11.67	-813.94	494.03	-969.97	275.81	-302.86	-35.04
55766	65.64	-10.33	-11.67	-882.20	487.76	-978.69	295.16	-291.93	-40.47
55767	64.75	-10.18	-11.67	-949.94	480.90	-983.41	315.56	-272.92	-47.76
55768	66.34	-11.46	-11.67	-761.60	454.06	-973.53	285.93	-292.62	-53.84
55769	65.57	-11.21	-11.67	-821.83	452.74	-979.95	302.32	-284.19	-56.63
55770	64.82	-10.96	-11.67	-884.36	448.45	-984.14	317.72	-267.95	-60.43
55771	77.88	-9.89	-11.67	-192.08	521.76	-667.60	117.36	-135.64	-24.18
55772	76.75	-9.88	-11.67	-235.75	529.59	-704.56	124.13	-159.75	-21.88
55773	75.61	-9.86	-11.67	-285.32	535.88	-740.75	132.24	-184.51	-19.36
55774	74.49	-9.83	-11.67	-340.77	540.58	-775.96	141.85	-209.42	-16.80
55775	73.37	-9.80	-11.67	-401.95	543.64	-809.94	153.13	-233.83	-14.38
55776	72.25	-9.76	-11.67	-468.56	545.06	-842.36	166.20	-256.94	-12.32
55777	71.14	-9.71	-11.67	-540.13	544.84	-872.82	181.18	-277.78	-10.88
55778	70.03	-9.66	-11.67	-616.04	543.00	-900.85	198.11	-295.21	-10.34
55779	68.93	-9.60	-11.67	-695.47	539.60	-925.87	216.97	-307.83	-10.98
55780	67.83	-9.54	-11.67	-777.48	534.78	-947.16	237.71	-314.09	-12.90
55781	77.85	-11.68	-11.67	-169.90	488.56	-669.53	129.47	-128.32	-40.41
55782	76.65	-11.64	-11.67	-211.88	495.83	-709.19	137.07	-152.71	-38.64
55783	75.46	-11.58	-11.67	-259.68	501.46	-747.76	146.03	-177.82	-36.64
55784	74.29	-11.50	-11.67	-313.26	505.44	-784.96	156.52	-203.06	-34.50
55785	73.13	-11.40	-11.67	-372.43	507.77	-820.44	168.67	-227.74	-32.41
55786	71.98	-11.28	-11.67	-436.90	508.52	-853.80	182.55	-251.00	-30.53
55787	70.85	-11.15	-11.67	-506.29	507.76	-884.57	198.20	-271.81	-29.10
55788	69.73	-10.99	-11.67	-580.04	505.63	-912.25	215.59	-288.90	-28.33
55789	68.62	-10.82	-11.67	-657.47	502.31	-936.29	234.64	-300.76	-28.43
55790	67.53	-10.63	-11.67	-737.89	498.09	-955.98	255.28	-305.70	-29.63
55791	77.82	-13.48	-11.67	-144.94	449.33	-671.57	136.92	-122.65	-67.49
55792	76.57	-13.42	-11.67	-184.09	455.58	-713.43	144.85	-147.27	-66.74
55793	75.34	-13.32	-11.67	-228.94	460.20	-753.85	154.17	-172.60	-65.42
55794	74.12	-13.19	-11.67	-279.49	463.21	-792.46	165.04	-198.02	-63.60
55795	72.92	-13.03	-11.67	-335.61	464.68	-828.87	177.60	-222.78	-61.39
55796	71.75	-12.83	-11.67	-397.09	464.73	-862.61	191.92	-245.94	-58.94
55797	70.59	-12.61	-11.67	-463.65	463.55	-893.21	208.02	-266.38	-56.46
55798	69.46	-12.35	-11.67	-534.92	461.41	-920.23	225.84	-282.78	-54.22
55799	68.35	-12.06	-11.67	-610.42	458.59	-943.21	245.25	-293.53	-52.56
55800	67.26	-11.74	-11.67	-689.64	455.54	-961.53	266.19	-296.49	-51.50
55801	77.80	-15.28	-11.67	-118.28	401.90	-669.88	139.71	-119.61	-104.43
55802	76.50	-15.20	-11.67	-153.72	406.69	-713.14	147.17	-144.27	-105.07
55803	75.23	-15.07	-11.67	-194.72	410.07	-754.68	156.03	-169.59	-104.48
55804	73.98	-14.90	-11.67	-241.34	412.08	-794.06	166.49	-194.87	-102.69
55805	72.74	-14.67	-11.67	-293.56	412.86	-830.86	178.74	-219.27	-99.76
55806	71.54	-14.40	-11.67	-351.28	412.58	-864.65	192.92	-241.80	-95.83
55807	70.36	-14.08	-11.67	-414.38	411.52	-895.00	209.10	-261.32	-91.19
55808	69.21	-13.72	-11.67	-482.70	410.04	-921.55	227.28	-276.52	-86.24
55809	68.09	-13.31	-11.67	-556.03	408.57	-943.97	247.34	-285.83	-81.56
55810	67.00	-12.86	-11.67	-634.15	407.25	-961.82	269.01	-287.41	-78.25
55811	77.78	-17.07	-11.67	-91.02	343.43	-657.95	137.40	-119.42	-145.21
55812	76.46	-16.99	-11.67	-122.22	346.40	-701.58	143.43	-143.59	-147.27
55813	75.15	-16.84	-11.67	-158.82	348.54	-743.49	150.87	-168.27	-147.28
55814	73.86	-16.62	-11.67	-200.95	349.92	-783.25	160.05	-192.69	-145.21
55815	72.60	-16.34	-11.67	-248.71	350.68	-820.46	171.22	-215.97	-141.13
55816	71.36	-15.99	-11.67	-302.11	351.01	-854.70	184.65	-237.11	-135.23
55817	70.16	-15.58	-11.67	-361.20	351.18	-885.60	200.54	-255.01	-127.91
55818	68.99	-15.11	-11.67	-425.99	351.57	-912.82	219.00	-268.48	-119.74
55819	67.85	-14.58	-11.67	-496.67	352.70	-936.08	239.99	-276.22	-111.60
55820	66.76	-14.00	-11.67	-573.57	355.11	-954.99	263.03	-276.70	-104.56
55821	77.77	-18.88	-11.67	-63.93	273.58	-630.22	129.51	-121.96	-178.62
55822	76.43	-18.79	-11.67	-90.78	274.62	-673.10	133.27	-144.48	-181.61
55823	75.09	-18.61	-11.67	-122.78	275.77	-714.83	138.53	-167.25	-182.02
55824	73.77	-18.35	-11.67	-160.19	277.16	-754.99	145.70	-189.55	-179.75
55825	72.48	-18.01	-11.67	-203.19	278.86	-793.19	155.20	-210.55	-174.89
55826	71.22	-17.59	-11.67	-251.94	280.99	-829.01	167.42	-229.36	-167.70
55827	69.98	-17.09	-11.67	-306.61	283.73	-862.05	182.71	-244.99	-158.62
55828	68.79	-16.51	-11.67	-367.44	287.34	-891.90	201.34	-256.43	-148.31
55829	67.64	-15.87	-11.67	-434.86	292.31	-918.15	223.44	-262.62	-137.68
55830	66.54	-15.15	-11.67	-509.91	299.45	-940.34	248.81	-262.63	-128.17
55831	61.65	-9.56	-11.67	-1199.94	459.14	-971.91	386.83	-109.70	-103.71
55832	62.26	-10.65	-11.67	-1047.68	413.62	-978.89	380.58	-150.41	-106.93
55833	62.93	-11.69	-11.67	-909.96	373.38	-980.99	360.88	-183.96	-107.84
55834	62.66	-9.48	-11.67	-1146.98	480.78	-979.94	359.24	-181.79	-74.64
55835	63.08	-10.42	-11.67	-1029.75	442.46	-983.34	358.62	-200.64	-81.92
55836	63.54	-11.34	-11.67	-917.98	406.16	-983.98	348.80	-217.43	-89.46

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
55837	63.67	-9.40	-11.67	-1087.51	498.44	-983.44	332.32	-236.08	-54.34
55838	63.90	-10.21	-11.67	-1003.03	465.92	-985.33	336.15	-240.29	-61.90
55839	64.15	-11.00	-11.67	-917.11	434.36	-985.18	334.91	-246.98	-71.59
55840	65.52	-14.37	-11.67	-591.44	308.23	-957.96	275.49	-254.79	-118.04
55841	65.80	-13.39	-11.67	-650.82	359.27	-968.60	285.69	-269.89	-97.15
55842	66.09	-12.43	-11.67	-706.42	407.15	-973.65	288.31	-281.59	-75.38
55843	64.59	-13.54	-11.67	-683.04	322.56	-970.53	304.35	-239.29	-112.45
55844	64.97	-12.78	-11.67	-730.66	368.91	-977.14	307.64	-257.53	-93.66
55845	65.35	-12.03	-11.67	-772.15	410.76	-980.13	305.13	-272.75	-74.55
55846	63.71	-12.66	-11.67	-787.46	342.40	-978.14	334.12	-216.79	-109.87
55847	64.17	-12.13	-11.67	-817.46	381.21	-981.97	330.69	-238.81	-92.49
55848	64.64	-11.61	-11.67	-841.39	418.42	-983.43	323.28	-257.22	-75.88
55849	23.13	-8.70	-9.50	5350.58	522.95	2111.54	814.43	2736.96	200.18
55850	24.66	-8.70	-9.50	4375.17	8.03	1265.07	-84.86	2786.79	-119.28
55851	26.20	-8.70	-9.50	3501.29	40.27	546.74	-204.48	2376.79	22.51
55852	27.73	-8.70	-9.50	2800.85	11.68	256.58	-279.07	2061.80	64.82
55853	29.26	-8.70	-9.50	2209.40	3.12	95.44	-298.80	1854.54	63.17
55854	30.79	-8.70	-9.50	1684.90	-2.52	19.50	-297.79	1733.69	48.52
55855	32.33	-8.70	-9.50	1198.98	-3.74	-11.45	-290.04	1670.32	33.74
55856	33.86	-8.70	-9.50	734.97	-3.39	-19.59	-282.02	1641.46	21.76
55857	35.39	-8.70	-9.50	282.64	-2.33	-17.39	-275.95	1630.96	12.94
55858	36.93	-8.70	-9.50	-163.97	-1.11	-10.96	-272.37	1629.01	6.48
55859	38.46	-8.70	-9.50	-608.18	0.16	-3.15	-271.25	1630.36	1.36
55860	39.99	-8.70	-9.50	-1051.96	1.50	4.79	-272.57	1633.02	-3.39
55861	41.52	-8.70	-9.50	-1496.97	2.98	12.00	-276.53	1637.62	-8.79
55862	43.06	-8.70	-9.50	-1945.53	4.62	17.05	-283.53	1647.53	-15.92
55863	44.59	-8.70	-9.50	-2401.71	6.26	16.64	-293.99	1669.83	-26.01
55864	46.12	-8.70	-9.50	-2872.79	7.28	3.40	-307.64	1717.02	-40.11
55865	47.66	-8.70	-9.50	-3371.11	6.63	-38.13	-322.21	1809.35	-57.95
55866	49.19	-8.70	-9.50	-3916.24	1.00	-136.11	-330.34	1975.70	-76.26
55867	50.72	-8.70	-9.50	-4542.26	-8.22	-344.34	-314.64	2255.13	-79.77
55868	52.25	-8.70	-9.50	-5297.29	-36.88	-726.25	-236.99	2688.28	-29.53
55869	53.79	-8.70	-9.50	-6244.06	-15.74	-1776.70	-103.25	3312.35	143.41
55870	55.32	-8.70	-9.50	-7044.68	-554.42	-3172.03	933.04	3360.62	-281.61
55871	23.35	-8.10	-9.50	3806.48	600.15	1804.69	204.50	2057.05	-285.21
55872	24.86	-8.10	-9.50	4218.08	265.09	1365.94	-370.31	2379.00	-403.91
55873	26.37	-8.10	-9.50	3570.73	110.21	804.10	-775.87	2029.45	-194.49
55874	27.88	-8.10	-9.50	2938.34	55.83	525.07	-906.06	1834.39	-58.09
55875	29.39	-8.10	-9.50	2336.32	11.12	304.55	-951.80	1701.48	-5.50
55876	30.91	-8.10	-9.50	1779.83	-6.83	166.89	-951.70	1614.49	13.48
55877	32.42	-8.10	-9.50	1262.08	-12.42	85.99	-936.76	1561.92	16.76
55878	33.93	-8.10	-9.50	773.55	-11.51	41.86	-920.28	1532.96	14.06
55879	35.44	-8.10	-9.50	304.56	-8.17	19.00	-907.61	1518.71	9.64
55880	36.96	-8.10	-9.50	-152.66	-4.08	7.56	-900.34	1513.25	5.11
55881	38.47	-8.10	-9.50	-603.92	0.22	1.46	-898.75	1513.21	0.81
55882	39.98	-8.10	-9.50	-1053.77	4.78	-3.35	-903.01	1517.35	-3.40
55883	41.49	-8.10	-9.50	-1506.48	9.84	-10.36	-913.64	1526.33	-7.85
55884	43.01	-8.10	-9.50	-1967.11	15.41	-24.14	-931.52	1542.81	-12.68
55885	44.52	-8.10	-9.50	-2442.50	20.85	-52.03	-957.37	1571.86	-17.47
55886	46.03	-8.10	-9.50	-2942.00	24.20	-106.20	-990.40	1621.61	-20.26
55887	47.54	-8.10	-9.50	-3477.28	20.66	-206.24	-1025.30	1703.75	-15.82
55888	49.06	-8.10	-9.50	-4059.52	3.33	-377.91	-1047.15	1832.23	7.92
55889	50.57	-8.10	-9.50	-4696.15	-44.73	-657.26	-1019.43	2022.34	73.09
55890	52.08	-8.10	-9.50	-5368.46	-98.60	-1014.94	-895.91	2301.07	245.26
55891	53.59	-8.10	-9.50	-6044.45	-281.10	-1819.30	-456.85	2821.87	517.33
55892	55.10	-8.10	-9.50	-6262.38	-612.58	-2702.78	170.03	2446.28	318.83
55893	23.13	-8.70	-10.50	10045.10	881.28	2125.37	826.13	2859.26	75.93
55894	24.66	-8.70	-10.50	6329.85	-107.94	272.00	-198.66	1215.70	-137.69
55895	26.20	-8.70	-10.50	4614.30	-4.69	181.18	-111.69	877.44	-2.21
55896	27.73	-8.70	-10.50	3367.37	-26.33	70.75	-131.33	661.49	8.56
55897	29.26	-8.70	-10.50	2466.91	-13.42	29.10	-145.49	542.46	14.43
55898	30.79	-8.70	-10.50	1778.65	-9.26	5.60	-158.64	485.78	11.41
55899	32.33	-8.70	-10.50	1207.21	-5.24	-3.05	-167.18	465.47	7.81
55900	33.86	-8.70	-10.50	691.76	-2.98	-5.31	-172.60	462.15	4.89
55901	35.39	-8.70	-10.50	199.55	-1.53	-4.64	-175.84	465.17	2.85
55902	36.93	-8.70	-10.50	-284.92	-0.63	-2.85	-177.70	469.07	1.47
55903	38.46	-8.70	-10.50	-767.46	0.02	-0.71	-178.66	471.31	0.49
55904	39.99	-8.70	-10.50	-1249.23	0.60	1.47	-178.94	470.96	-0.33
55905	41.52	-8.70	-10.50	-1730.19	1.31	3.49	-178.55	468.08	-1.27
55906	43.06	-8.70	-10.50	-2212.07	2.36	5.00	-177.28	463.84	-2.59
55907	44.59	-8.70	-10.50	-2702.20	4.09	5.08	-174.61	461.22	-4.62
55908	46.12	-8.70	-10.50	-3219.49	6.87	1.54	-169.63	466.69	-7.62
55909	47.66	-8.70	-10.50	-3803.38	11.90	-9.96	-161.29	493.10	-11.38
55910	49.19	-8.70	-10.50	-4526.51	17.48	-40.51	-148.24	564.36	-14.29
55911	50.72	-8.70	-10.50	-5501.28	34.30	-93.51	-136.32	712.67	-5.63
55912	52.25	-8.70	-10.50	-6883.56	12.26	-240.18	-124.93	983.84	6.70
55913	53.79	-8.70	-10.50	-8819.71	144.91	-365.70	-256.57	1443.22	172.56
55914	55.32	-8.70	-10.50	-13222.10	-1010.86	-3166.56	875.90	3808.81	-64.68
55915	23.35	-8.10	-10.50	8313.60	1108.26	1883.09	157.32	2375.83	-259.43
55916	24.86	-8.10	-10.50	6145.67	188.18	278.92	-195.18	1004.78	-309.25
55917	26.37	-8.10	-10.50	4493.91	16.89	217.45	-319.09	722.36	-146.18
55918	27.88	-8.10	-10.50	3359.99	-2.13	122.95	-357.32	575.53	-59.19
55919	29.39	-8.10	-10.50	2501.44	-14.61	68.78	-407.67	486.54	-18.05
55920	30.91	-8.10	-10.50	1820.93	-14.03	33.77	-443.73	440.64	-2.07
55921	32.42	-8.10	-10.50	1241.65	-11.25	15.44	-467.47	419.83	2.94
55922	33.93	-8.10	-10.50	715.31	-7.75	6.30	-481.83	412.20	3.60
55923	35.44	-8.10	-10.50	213.87	-4.66	2.25	-490.26	410.65	2.69
55924	36.96	-8.10	-10.50	-277.08	-2.03	0.75	-495.13	411.28	1.40
55925	38.47	-8.10	-10.50	-764.09	0.27	0.39	-497.88	412.17	0.10
55926	39.98	-8.10	-10.50	-1249.77	2.49	0.33	-499.23	412.60	-1.16
55927	41.49	-8.10	-10.50	-1735.72	4.91	-0.13	-499.24	412.70	-2.40
55928	43.01	-8.10	-10.50	-2225.13	7.79	-1.95	-497.32	413.54	-3.55
55929	44.52	-8.10	-10.50	-2726.02	11.31	-6.83	-491.95	417.56	-4.12
55930	46.03	-8.10	-10.50	-3255.82	15.43	-17.92	-480.59	429.56	-2.66
55931	47.54	-8.10	-10.50	-3848.14	18.99	-40.32	-459.58	458.27	4.37
55932	49.06	-8.10	-10.50	-4560.42	20.58	-84.01	-426.67	518.26	25.49
55933	50.57	-8.10	-10.50	-5482.54	8.79	-150.89	-383.55	631.61	79.55
55934	52.08	-8.10	-10.50	-6726.37	-7.50	-273.26	-371.86	814.20	190.78
55935	53.59	-8.10	-10.50	-8579.30	-185.99	-341.04	-303.16	1170.06	392.69

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
55936	55.10	-8.10	-10.50	-11181.50	-1260.99	-2804.11	-6.46	3148.60	372.73
55937	23.61	-7.26	-9.50	2599.44	720.64	1015.08	-43.72	1128.49	-599.38
55938	25.10	-7.26	-9.50	3426.57	503.56	688.51	-656.59	1419.40	-765.39
55939	26.59	-7.26	-9.50	3327.41	258.29	386.49	-1181.49	1095.00	-531.18
55940	28.07	-7.26	-9.50	2913.06	118.81	282.62	-1440.20	928.47	-310.31
55941	29.56	-7.26	-9.50	2397.90	31.61	169.46	-1539.01	831.96	-170.80
55942	31.05	-7.26	-9.50	1858.51	-10.23	97.36	-1561.86	772.46	-88.90
55943	32.53	-7.26	-9.50	1329.96	-24.02	53.19	-1553.42	738.33	-44.35
55944	34.02	-7.26	-9.50	822.61	-23.60	28.01	-1536.61	720.20	-21.48
55945	35.51	-7.26	-9.50	335.31	-16.93	14.08	-1521.78	711.47	-10.31
55946	36.99	-7.26	-9.50	-137.37	-7.86	6.37	-1513.21	708.09	-5.03
55947	38.48	-7.26	-9.50	-601.89	2.24	1.64	-1512.56	707.86	-2.43
55948	39.97	-7.26	-9.50	-1064.78	13.25	-2.28	-1520.73	709.95	-0.62
55949	41.46	-7.26	-9.50	-1532.65	25.40	-7.31	-1538.52	714.71	1.95
55950	42.94	-7.26	-9.50	-2012.56	38.49	-15.94	-1566.72	723.70	7.44
55951	44.43	-7.26	-9.50	-2511.94	50.95	-32.07	-1605.17	740.13	19.76
55952	45.92	-7.26	-9.50	-3037.24	58.37	-61.95	-1650.72	769.44	46.16
55953	47.40	-7.26	-9.50	-3589.74	51.57	-115.39	-1693.05	820.32	99.28
55954	48.89	-7.26	-9.50	-4156.36	14.67	-204.01	-1706.64	904.82	199.32
55955	50.38	-7.26	-9.50	-4693.52	-71.85	-345.98	-1638.75	1037.08	372.61
55956	51.86	-7.26	-9.50	-5105.93	-210.94	-469.54	-1387.64	1263.77	654.21
55957	53.35	-7.26	-9.50	-5126.93	-457.95	-869.66	-826.11	1732.21	962.97
55958	54.84	-7.26	-9.50	-3960.92	-671.81	-1670.77	-158.73	1241.86	677.64
55959	23.91	-6.17	-9.50	1577.90	515.76	381.88	361.85	506.73	-124.58
55960	25.37	-6.17	-9.50	2588.35	262.65	44.45	69.20	765.08	-241.79
55961	26.83	-6.17	-9.50	2895.19	83.48	-87.26	-254.40	428.07	-163.56
55962	28.29	-6.17	-9.50	2753.08	-5.85	-27.97	-466.06	232.04	-86.11
55963	29.75	-6.17	-9.50	2367.43	-49.05	-21.90	-585.39	129.18	-42.76
55964	31.21	-6.17	-9.50	1881.31	-59.69	-13.45	-650.18	74.59	-20.80
55965	32.66	-6.17	-9.50	1366.74	-54.50	-8.08	-684.38	48.53	-10.48
55966	34.12	-6.17	-9.50	855.71	-42.33	-4.58	-701.59	37.63	-5.85
55967	35.58	-6.17	-9.50	358.20	-27.76	-2.47	-710.21	33.89	-3.76
55968	37.04	-6.17	-9.50	-126.32	-12.53	-1.13	-715.30	33.00	-2.70
55969	38.50	-6.17	-9.50	-602.95	3.17	-0.19	-719.76	32.78	-2.05
55970	39.95	-6.17	-9.50	-1078.54	19.87	0.67	-725.06	32.37	-1.59
55971	41.41	-6.17	-9.50	-1560.58	38.40	1.72	-731.51	31.84	-1.25
55972	42.87	-6.17	-9.50	-2056.37	59.40	3.32	-738.26	32.24	-0.77
55973	44.33	-6.17	-9.50	-2571.62	82.84	5.91	-742.92	36.18	0.61
55974	45.79	-6.17	-9.50	-3106.93	107.19	10.27	-740.68	49.01	4.72
55975	47.24	-6.17	-9.50	-3650.28	128.02	17.06	-723.01	80.79	15.53
55976	48.70	-6.17	-9.50	-4162.51	136.48	27.64	-675.28	148.49	40.77
55977	50.16	-6.17	-9.50	-4554.45	115.08	34.64	-569.78	276.43	93.55
55978	51.62	-6.17	-9.50	-4648.52	54.44	122.80	-360.27	527.60	192.44
55979	53.08	-6.17	-9.50	-4195.26	-97.00	-28.67	-20.66	994.27	296.17
55980	54.54	-6.17	-9.50	-2894.39	-391.42	-913.43	295.05	428.59	85.39
55981	24.17	-5.07	-9.50	1309.11	524.97	377.90	519.70	497.51	125.16
55982	25.60	-5.07	-9.50	2368.52	307.24	53.64	423.46	764.24	-2.79
55983	27.04	-5.07	-9.50	2733.35	152.57	-73.33	286.62	431.88	24.43
55984	28.47	-5.07	-9.50	2643.04	64.25	-17.77	168.68	233.31	25.88
55985	29.90	-5.07	-9.50	2297.58	10.54	-14.01	62.98	128.64	15.33
55986	31.34	-5.07	-9.50	1840.28	-15.98	-8.09	-21.80	73.02	6.51
55987	32.77	-5.07	-9.50	1344.62	-26.15	-4.62	-83.92	46.31	0.69
55988	34.21	-5.07	-9.50	844.51	-25.83	-2.46	-126.54	35.05	-2.33
55989	35.64	-5.07	-9.50	352.41	-18.96	-1.26	-154.20	31.13	-3.29
55990	37.07	-5.07	-9.50	-130.08	-8.03	-0.59	-171.10	30.13	-2.94
55991	38.51	-5.07	-9.50	-606.54	5.48	-0.18	-180.23	29.83	-1.93
55992	39.94	-5.07	-9.50	-1082.70	20.63	0.20	-183.14	29.32	-0.81
55993	41.38	-5.07	-9.50	-1565.06	36.69	0.73	-179.80	28.67	-0.12
55994	42.81	-5.07	-9.50	-2059.76	52.77	1.67	-168.55	28.97	-0.52
55995	44.24	-5.07	-9.50	-2570.83	67.42	3.34	-146.26	32.90	-2.80
55996	45.68	-5.07	-9.50	-3096.55	78.32	6.30	-108.53	45.88	-8.01
55997	47.11	-5.07	-9.50	-3622.36	81.91	11.07	-50.76	78.15	-17.21
55998	48.55	-5.07	-9.50	-4107.48	73.10	18.97	29.88	146.93	-30.87
55999	49.98	-5.07	-9.50	-4461.70	41.70	23.72	130.14	277.63	-47.40
56000	51.41	-5.07	-9.50	-4505.61	-15.03	108.06	239.96	535.83	-45.45
56001	52.85	-5.07	-9.50	-3991.81	-133.88	-35.97	375.51	1005.09	6.18
56002	54.28	-5.07	-9.50	-2651.52	-397.47	-926.34	473.07	406.38	-187.96
56003	24.37	-3.96	-9.50	1817.09	714.63	987.16	921.65	1096.62	566.76
56004	25.79	-3.96	-9.50	2670.56	643.28	602.56	1157.51	1440.89	477.40
56005	27.20	-3.96	-9.50	2776.05	466.28	278.83	1173.02	1124.77	345.60
56006	28.62	-3.96	-9.50	2556.60	325.77	190.28	1084.37	923.28	217.32
56007	30.03	-3.96	-9.50	2179.82	204.87	104.01	959.03	795.85	124.24
56008	31.44	-3.96	-9.50	1733.19	116.14	52.89	841.74	713.16	64.07
56009	32.86	-3.96	-9.50	1261.36	57.92	23.21	747.74	661.75	28.56
56010	34.27	-3.96	-9.50	785.79	24.50	8.02	679.07	630.94	9.69
56011	35.69	-3.96	-9.50	314.62	9.15	1.51	632.69	613.19	1.15
56012	37.10	-3.96	-9.50	-150.97	5.83	-0.10	604.44	603.75	-1.48
56013	38.52	-3.96	-9.50	-613.19	9.51	0.67	590.98	599.93	-1.21
56014	39.93	-3.96	-9.50	-1075.78	15.90	1.95	590.71	600.65	-0.27
56015	41.35	-3.96	-9.50	-1543.07	20.91	2.08	604.02	606.19	-0.72
56016	42.76	-3.96	-9.50	-2019.17	19.99	-1.02	633.41	618.31	-5.08
56017	44.18	-3.96	-9.50	-2506.84	7.60	-10.44	683.09	640.55	-17.03
56018	45.59	-3.96	-9.50	-3005.19	-23.04	-30.93	758.11	679.04	-42.20
56019	47.01	-3.96	-9.50	-3505.36	-79.52	-70.08	862.13	743.39	-88.89
56020	48.42	-3.96	-9.50	-3982.43	-167.92	-137.46	992.77	847.48	-168.13
56021	49.83	-3.96	-9.50	-4382.81	-288.90	-252.70	1131.86	1009.21	-291.98
56022	51.25	-3.96	-9.50	-4596.94	-424.62	-368.63	1225.04	1275.39	-467.73
56023	52.66	-3.96	-9.50	-4406.30	-594.56	-816.90	1200.19	1741.79	-643.18
56024	54.08	-3.96	-9.50	-3236.40	-660.74	-1722.14	952.60	1154.24	-737.82
56025	23.61	-7.26	-10.50	7585.08	1510.58	1636.15	-228.35	2008.80	-432.50
56026	25.10	-7.26	-10.50	5723.18	724.47	108.77	-288.50	828.61	-491.88
56027	26.59	-7.26	-10.50	4356.04	395.80	130.19	-353.08	582.75	-326.68
56028	28.07	-7.26	-10.50	3316.90	214.27	80.12	-444.18	430.48	-183.78
56029	29.56	-7.26	-10.50	2511.66	110.41	49.39	-527.79	338.77	-93.92
56030	31.05	-7.26	-10.50	1847.72	51.64	26.02	-591.47	291.18	-45.73
56031	32.53	-7.26	-10.50	1268.10	21.95	13.45	-633.66	268.59	-21.22
56032	34.02	-7.26	-10.50	735.13	8.27	6.52	-659.83	259.18	-9.54
56033	35.51	-7.26	-10.50	226.47	3.07	3.01	-675.41	256.13	-4.37
56034	36.99	-7.26	-10.50	-270.40	2.02	1.29	-684.51	255.68	-2.29

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
56035	38.48	-7.26	-10.50	-762.08	2.86	0.41	-689.72	255.96	-1.54
56036	39.97	-7.26	-10.50	-1252.20	4.34	-0.22	-692.32	256.25	-1.17
56037	41.46	-7.26	-10.50	-1743.64	5.49	-1.14	-692.40	256.68	-0.42
56038	42.94	-7.26	-10.50	-2240.55	4.86	-3.01	-688.82	258.24	1.79
56039	44.43	-7.26	-10.50	-2750.84	-0.26	-6.99	-678.94	263.33	7.64
56040	45.92	-7.26	-10.50	-3289.59	-15.10	-15.10	-658.40	276.65	21.39
56041	47.40	-7.26	-10.50	-3883.70	-48.66	-30.12	-621.48	306.67	51.08
56042	48.89	-7.26	-10.50	-4578.88	-116.26	-58.88	-563.41	368.23	110.83
56043	50.38	-7.26	-10.50	-5444.40	-235.35	-96.90	-490.71	485.73	225.06
56044	51.86	-7.26	-10.50	-6593.30	-439.50	-154.03	-430.98	675.45	408.17
56045	53.35	-7.26	-10.50	-8152.96	-795.73	-110.85	-448.32	961.09	611.09
56046	54.84	-7.26	-10.50	-10415.20	-1718.90	-2496.14	-479.08	2679.93	569.85
56047	23.91	-6.17	-10.50	7058.38	1883.75	1347.28	-182.61	1655.08	-225.67
56048	25.37	-6.17	-10.50	5383.88	1296.76	-78.37	-180.05	672.92	-310.68
56049	26.83	-6.17	-10.50	4171.42	876.43	-4.02	-197.45	456.21	-214.93
56050	28.29	-6.17	-10.50	3233.45	536.53	-0.62	-277.11	286.92	-125.57
56051	29.75	-6.17	-10.50	2482.90	309.01	2.11	-363.32	180.26	-67.11
56052	31.21	-6.17	-10.50	1845.90	169.15	0.22	-433.84	125.15	-35.31
56053	32.66	-6.17	-10.50	1275.52	89.51	0.18	-485.15	98.74	-18.78
56054	34.12	-6.17	-10.50	743.36	46.81	0.07	-519.86	87.41	-10.41
56055	35.58	-6.17	-10.50	232.39	25.24	0.05	-542.19	83.37	-6.13
56056	37.04	-6.17	-10.50	-267.44	15.04	0.04	-555.87	82.34	-3.76
56057	38.50	-6.17	-10.50	-762.06	10.41	0.03	-563.55	82.15	-2.23
56058	39.95	-6.17	-10.50	-1255.33	7.67	0.04	-566.60	81.94	-1.01
56059	41.41	-6.17	-10.50	-1750.59	3.68	0.09	-565.09	81.79	0.31
56060	42.87	-6.17	-10.50	-2252.18	-5.69	0.17	-557.78	82.80	2.32
56061	44.33	-6.17	-10.50	-2767.13	-27.33	0.28	-542.09	87.63	6.34
56062	45.79	-6.17	-10.50	-3307.59	-73.05	0.32	-514.32	101.63	15.04
56063	47.24	-6.17	-10.50	-3894.52	-161.98	0.55	-470.44	134.55	33.54
56064	48.70	-6.17	-10.50	-4563.73	-322.11	-1.68	-408.87	203.86	71.08
56065	50.16	-6.17	-10.50	-5376.40	-584.74	1.65	-337.01	340.18	143.53
56066	51.62	-6.17	-10.50	-6433.15	-971.36	18.20	-289.24	552.24	256.84
56067	53.08	-6.17	-10.50	-7859.61	-1427.34	130.15	-341.11	784.38	371.26
56068	54.54	-6.17	-10.50	-9911.93	-2119.87	-2156.74	-400.91	2245.87	295.87
56069	24.17	-5.07	-10.50	6852.97	1872.05	1327.91	136.29	1626.10	131.54
56070	25.60	-5.07	-10.50	5199.00	1357.05	-82.51	125.16	688.91	69.93
56071	27.04	-5.07	-10.50	4019.98	958.02	-13.04	142.94	463.82	77.00
56072	28.47	-5.07	-10.50	3127.12	618.73	-7.42	108.06	287.54	55.22
56073	29.90	-5.07	-10.50	2413.68	381.26	-2.41	51.58	176.52	33.03
56074	31.34	-5.07	-10.50	1802.06	228.66	-2.76	-6.81	118.28	16.27
56075	32.77	-5.07	-10.50	1248.37	135.91	-1.89	-57.06	89.72	5.74
56076	34.21	-5.07	-10.50	726.71	81.17	-1.40	-95.72	76.94	0.08
56077	35.64	-5.07	-10.50	222.31	49.37	-0.94	-122.96	71.95	-2.23
56078	37.07	-5.07	-10.50	-273.27	30.67	-0.50	-140.39	70.30	-2.51
56079	38.51	-5.07	-10.50	-764.86	18.78	-0.07	-149.67	69.71	-1.77
56080	39.94	-5.07	-10.50	-1255.60	9.37	0.38	-151.76	69.27	-0.87
56081	41.38	-5.07	-10.50	-1748.19	-1.38	0.83	-146.64	69.05	-0.60
56082	42.81	-5.07	-10.50	-2246.22	-18.23	1.31	-133.35	70.19	-1.92
56083	44.24	-5.07	-10.50	-2755.58	-48.38	1.85	-110.37	75.45	-6.11
56084	45.68	-5.07	-10.50	-3286.71	-103.46	2.45	-76.44	90.31	-14.91
56085	47.11	-5.07	-10.50	-3858.28	-201.45	3.60	-32.35	124.79	-30.44
56086	48.55	-5.07	-10.50	-4503.64	-368.55	3.05	16.65	196.75	-54.81
56087	49.98	-5.07	-10.50	-5281.34	-634.07	8.72	57.91	337.87	-87.01
56088	51.41	-5.07	-10.50	-6299.56	-1012.80	27.76	68.18	560.59	-118.47
56089	52.85	-5.07	-10.50	-7712.11	-1444.31	130.35	10.93	807.53	-112.94
56090	54.28	-5.07	-10.50	-9760.95	-2071.52	-2157.79	10.94	2228.33	-148.31
56091	24.37	-3.96	-10.50	6831.49	1516.39	1621.37	261.64	1897.32	312.04
56092	25.79	-3.96	-10.50	5104.23	936.51	102.87	205.68	833.57	271.38
56093	27.20	-3.96	-10.50	3914.90	666.48	105.14	238.25	586.63	220.91
56094	28.62	-3.96	-10.50	3031.20	463.84	58.24	238.24	428.66	139.42
56095	30.03	-3.96	-10.50	2332.33	322.52	34.10	210.42	331.18	80.49
56096	31.44	-3.96	-10.50	1738.19	223.18	16.14	169.71	277.68	42.78
56097	32.86	-3.96	-10.50	1201.49	154.08	6.85	129.08	249.82	20.45
56098	34.27	-3.96	-10.50	694.37	105.75	2.11	95.09	236.11	8.26
56099	35.69	-3.96	-10.50	201.52	71.47	0.18	69.86	229.80	2.23
56100	37.10	-3.96	-10.50	-284.97	46.30	-0.22	53.26	227.10	-0.34
56101	38.52	-3.96	-10.50	-769.03	26.49	0.10	44.54	226.06	-1.28
56102	39.93	-3.96	-10.50	-1252.72	8.99	0.59	43.12	225.91	-1.87
56103	41.35	-3.96	-10.50	-1737.65	-9.06	0.76	49.05	226.75	-3.31
56104	42.76	-3.96	-10.50	-2226.36	-30.76	-0.04	62.90	229.62	-7.09
56105	44.18	-3.96	-10.50	-2723.91	-60.00	-2.77	85.31	236.91	-15.43
56106	45.59	-3.96	-10.50	-3240.53	-101.95	-9.05	115.84	253.31	-31.86
56107	47.01	-3.96	-10.50	-3795.86	-163.71	-21.13	151.11	287.22	-61.64
56108	48.42	-3.96	-10.50	-4425.75	-255.68	-44.67	182.35	353.29	-112.02
56109	49.83	-3.96	-10.50	-5191.55	-391.21	-76.89	193.76	476.22	-192.02
56110	51.25	-3.96	-10.50	-6199.84	-593.13	-133.75	171.21	676.35	-303.97
56111	52.66	-3.96	-10.50	-7621.83	-871.01	-123.43	119.10	976.35	-371.11
56112	54.08	-3.96	-10.50	-9796.35	-1616.05	-2547.95	194.83	2592.60	-374.69
56113	24.50	-3.10	-9.50	2436.41	569.27	1802.48	501.13	1821.01	298.80
56114	25.90	-3.10	-9.50	2991.38	557.59	1342.25	555.77	2301.39	229.15
56115	27.30	-3.10	-9.50	2810.80	447.16	763.96	536.38	2025.81	185.32
56116	28.71	-3.10	-9.50	2480.64	344.23	486.74	475.37	1822.61	132.96
56117	30.11	-3.10	-9.50	2078.21	239.33	282.88	409.03	1668.18	90.97
56118	31.51	-3.10	-9.50	1641.18	155.14	155.54	350.40	1554.71	58.95
56119	32.91	-3.10	-9.50	1190.11	94.47	79.90	304.03	1475.26	36.69
56120	34.32	-3.10	-9.50	735.86	54.59	38.10	270.02	1422.36	21.65
56121	35.72	-3.10	-9.50	282.76	30.64	16.58	246.78	1389.10	11.54
56122	37.12	-3.10	-9.50	-168.35	17.65	6.39	232.36	1370.34	4.43
56123	38.52	-3.10	-9.50	-618.46	11.08	1.58	225.20	1362.93	-1.12
56124	39.93	-3.10	-9.50	-1069.49	6.86	-2.10	224.50	1365.63	-6.30
56125	41.33	-3.10	-9.50	-1523.72	0.97	-8.53	230.41	1379.05	-12.22
56126	42.73	-3.10	-9.50	-1983.37	-10.89	-22.50	243.99	1405.72	-20.20
56127	44.13	-3.10	-9.50	-2450.05	-33.67	-51.24	267.09	1450.32	-31.97
56128	45.54	-3.10	-9.50	-2923.58	-72.96	-106.11	301.91	1519.81	-49.93
56129	46.94	-3.10	-9.50	-3400.00	-134.33	-204.84	350.16	1623.41	-77.11
56130	48.34	-3.10	-9.50	-3867.62	-220.82	-371.71	411.65	1771.10	-117.11
56131	49.74	-3.10	-9.50	-4302.86	-328.84	-643.08	481.39	1973.46	-171.04
56132	51.15	-3.10	-9.50	-4660.80	-427.20	-1018.34	542.85	2249.00	-242.37
56133	52.55	-3.10	-9.50	-4838.56	-545.95	-1878.90	556.13	2668.54	-309.15



Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
56134	53.95	-3.10	-9.50	-3916.92	-530.67	-2805.58	517.02	2064.60	-390.07
56135	24.57	-2.50	-9.50	2378.18	584.02	1839.50	-169.56	1811.32	-298.64
56136	25.96	-2.50	-9.50	2957.83	593.89	1418.71	-351.13	2279.12	-300.99
56137	27.36	-2.50	-9.50	2795.35	484.55	847.84	-469.12	2012.35	-194.46
56138	28.75	-2.50	-9.50	2473.63	375.93	558.37	-515.89	1826.30	-104.92
56139	30.15	-2.50	-9.50	2075.26	264.58	337.81	-535.36	1686.99	-51.84
56140	31.55	-2.50	-9.50	1640.34	174.61	195.54	-541.81	1584.94	-21.39
56141	32.94	-2.50	-9.50	1190.33	108.88	107.92	-543.38	1513.59	-6.09
56142	34.34	-2.50	-9.50	736.38	64.74	56.61	-543.50	1466.26	0.27
56143	35.73	-2.50	-9.50	283.01	37.28	27.31	-543.60	1436.71	1.64
56144	37.13	-2.50	-9.50	-168.80	21.41	10.40	-544.32	1420.33	0.42
56145	38.53	-2.50	-9.50	-619.90	12.40	-0.55	-545.98	1414.32	-1.99
56146	39.92	-2.50	-9.50	-1072.03	5.90	-10.14	-548.86	1417.61	-4.71
56147	41.32	-2.50	-9.50	-1527.33	-2.37	-22.62	-553.24	1430.84	-6.97
56148	42.72	-2.50	-9.50	-1987.89	-16.97	-43.20	-559.43	1456.42	-7.75
56149	44.11	-2.50	-9.50	-2455.19	-43.01	-79.68	-567.68	1498.70	-5.32
56150	45.51	-2.50	-9.50	-2928.99	-86.18	-144.23	-577.97	1564.17	3.37
56151	46.90	-2.50	-9.50	-3405.23	-152.06	-255.57	-589.29	1661.32	23.47
56152	48.30	-2.50	-9.50	-3871.96	-243.68	-438.62	-597.98	1799.20	63.22
56153	49.70	-2.50	-9.50	-4304.59	-357.71	-728.23	-594.32	1987.65	132.73
56154	51.09	-2.50	-9.50	-4656.08	-461.00	-1114.81	-559.84	2246.67	252.58
56155	52.49	-2.50	-9.50	-4818.58	-577.98	-1962.81	-440.39	2656.13	402.85
56156	53.88	-2.50	-9.50	-3871.08	-541.70	-2847.11	-245.43	2059.43	374.59
56157	24.50	-3.10	-10.50	6821.62	1201.19	1901.31	103.06	2116.60	103.97
56158	25.90	-3.10	-10.50	5049.18	550.56	279.46	71.78	923.27	84.02
56159	27.30	-3.10	-10.50	3853.39	401.07	214.98	97.91	662.98	82.14
56160	28.71	-3.10	-10.50	2969.88	320.01	118.71	90.39	525.47	58.35
56161	30.11	-3.10	-10.50	2276.47	260.92	68.28	61.29	441.16	39.78
56162	31.51	-3.10	-10.50	1692.52	207.39	34.56	24.96	393.37	25.92
56163	32.91	-3.10	-10.50	1167.11	159.79	16.30	-8.99	367.61	16.17
56164	34.32	-3.10	-10.50	670.25	119.00	6.78	-36.38	354.20	9.52
56165	35.72	-3.10	-10.50	185.90	85.13	2.37	-56.31	347.50	4.96
56166	37.12	-3.10	-10.50	-293.76	57.19	0.65	-69.34	344.36	1.66
56167	38.52	-3.10	-10.50	-772.08	33.44	0.19	-76.37	343.17	-1.00
56168	39.93	-3.10	-10.50	-1250.36	11.83	-0.01	-77.96	343.29	-3.54
56169	41.33	-3.10	-10.50	-1729.41	-9.72	-0.78	-74.11	344.83	-6.43
56170	42.73	-3.10	-10.50	-2211.03	-33.05	-3.25	-64.23	348.71	-10.24
56171	44.13	-3.10	-10.50	-2699.83	-59.38	-9.20	-47.54	356.98	-15.74
56172	45.54	-3.10	-10.50	-3206.17	-88.75	-21.70	-23.80	373.53	-23.95
56173	46.94	-3.10	-10.50	-3750.86	-119.39	-45.48	5.29	405.32	-36.24
56174	48.34	-3.10	-10.50	-4372.46	-148.34	-89.79	34.01	464.63	-54.04
56175	49.74	-3.10	-10.50	-5135.91	-173.25	-155.82	50.19	570.08	-78.95
56176	51.15	-3.10	-10.50	-6144.22	-216.34	-285.66	37.71	741.67	-113.03
56177	52.55	-3.10	-10.50	-7561.03	-342.21	-366.09	-12.09	1079.79	-117.87
56178	53.95	-3.10	-10.50	-9821.10	-1207.95	-2917.11	22.04	2885.80	-112.04
56179	24.57	-2.50	-10.50	6782.63	1205.94	1916.80	-89.86	2127.33	-154.48
56180	25.96	-2.50	-10.50	5008.62	538.67	292.75	-84.27	929.33	-163.30
56181	27.36	-2.50	-10.50	3813.02	398.43	232.64	-75.56	664.73	-102.02
56182	28.75	-2.50	-10.50	2935.12	322.81	133.70	-101.20	524.96	-51.78
56183	30.15	-2.50	-10.50	2248.82	265.98	79.48	-137.68	439.78	-20.66
56184	31.55	-2.50	-10.50	1671.95	212.61	42.50	-172.73	392.05	-4.82
56185	32.94	-2.50	-10.50	1152.62	164.29	21.76	-201.27	366.68	1.98
56186	34.34	-2.50	-10.50	660.50	122.67	10.35	-222.34	353.72	3.83
56187	35.73	-2.50	-10.50	179.61	88.27	4.43	-236.84	347.40	3.21
56188	37.13	-2.50	-10.50	-297.60	60.15	1.46	-246.15	344.54	1.48
56189	38.53	-2.50	-10.50	-774.11	36.53	-0.14	-251.45	343.49	-0.66
56190	39.92	-2.50	-10.50	-1250.81	15.19	-1.42	-253.42	343.61	-2.90
56191	41.32	-2.50	-10.50	-1728.14	-6.18	-3.30	-252.08	345.02	-5.00
56192	42.72	-2.50	-10.50	-2207.49	-29.57	-6.99	-246.81	348.64	-6.54
56193	44.11	-2.50	-10.50	-2693.14	-56.27	-14.41	-236.46	356.55	-6.63
56194	45.51	-2.50	-10.50	-3195.24	-86.18	-28.81	-219.74	372.71	-3.48
56195	46.90	-2.50	-10.50	-3734.70	-117.14	-55.16	-196.01	404.25	6.22
56196	48.30	-2.50	-10.50	-4350.71	-145.32	-103.03	-166.94	463.82	27.97
56197	49.70	-2.50	-10.50	-5109.66	-166.97	-173.11	-139.42	570.74	70.34
56198	51.09	-2.50	-10.50	-6116.09	-203.36	-305.22	-129.77	744.55	137.77
56199	52.49	-2.50	-10.50	-7536.05	-319.38	-380.54	-169.14	1086.22	215.69
56200	53.88	-2.50	-10.50	-9798.60	-1211.77	-2942.89	-198.50	2903.66	217.42
56201	24.63	-1.65	-9.50	1623.80	783.19	1016.55	-488.81	1108.38	-611.26
56202	26.02	-1.65	-9.50	2489.23	791.71	681.10	-875.90	1433.67	-649.71
56203	27.41	-1.65	-9.50	2633.16	635.16	361.61	-1089.68	1121.81	-471.99
56204	28.80	-1.65	-9.50	2453.37	482.13	261.52	-1162.04	932.37	-294.30
56205	30.19	-1.65	-9.50	2110.44	335.57	158.80	-1162.87	816.68	-169.80
56206	31.58	-1.65	-9.50	1689.07	219.02	92.81	-1138.92	743.54	-90.64
56207	32.97	-1.65	-9.50	1234.57	134.63	51.24	-1111.49	699.36	-44.31
56208	34.36	-1.65	-9.50	769.84	78.38	26.61	-1088.79	673.84	-19.17
56209	35.75	-1.65	-9.50	304.55	43.98	12.36	-1073.12	659.82	-6.66
56210	37.14	-1.65	-9.50	-158.60	24.92	4.08	-1064.55	652.84	-1.15
56211	38.53	-1.65	-9.50	-620.47	15.10	-1.24	-1062.73	650.44	0.96
56212	39.92	-1.65	-9.50	-1083.59	8.82	-5.82	-1067.63	651.67	2.14
56213	41.31	-1.65	-9.50	-1551.07	0.48	-11.69	-1079.88	656.84	4.61
56214	42.70	-1.65	-9.50	-2025.81	-15.83	-21.33	-1100.73	667.64	11.21
56215	44.09	-1.65	-9.50	-2509.25	-46.58	-38.39	-1131.83	687.47	26.33
56216	45.48	-1.65	-9.50	-2999.07	-98.86	-68.43	-1174.30	722.24	57.16
56217	46.87	-1.65	-9.50	-3484.83	-179.66	-119.99	-1226.59	781.33	114.91
56218	48.26	-1.65	-9.50	-3939.93	-293.52	-203.39	-1279.62	878.17	215.30
56219	49.65	-1.65	-9.50	-4309.63	-437.80	-336.29	-1307.36	1030.49	375.90
56220	51.04	-1.65	-9.50	-4488.16	-582.81	-461.54	-1249.95	1286.97	612.34
56221	52.43	-1.65	-9.50	-4265.25	-729.36	-905.09	-1021.77	1748.72	852.87
56222	53.82	-1.65	-9.50	-3082.66	-715.45	-1769.94	-593.84	1168.57	755.19
56223	24.68	-0.55	-9.50	900.84	610.69	351.26	-65.90	535.77	-127.28
56224	26.07	-0.55	-9.50	1957.50	473.29	51.63	-162.17	794.05	-123.62
56225	27.45	-0.55	-9.50	2382.77	354.12	-82.55	-241.74	457.58	-101.89
56226	28.84	-0.55	-9.50	2376.20	270.74	-25.24	-281.60	248.36	-63.44
56227	30.22	-0.55	-9.50	2111.67	194.60	-18.94	-290.43	135.53	-33.88
56228	31.61	-0.55	-9.50	1718.59	133.26	-11.56	-286.58	74.87	-15.91
56229	32.99	-0.55	-9.50	1268.56	86.28	-6.93	-279.69	45.51	-6.05
56230	34.38	-0.55	-9.50	798.19	53.39	-3.88	-273.45	33.16	-1.20
56231	35.76	-0.55	-9.50	323.71	32.83	-2.00	-269.06	28.96	0.77
56232	37.15	-0.55	-9.50	-149.50	21.92	-0.77	-266.73	27.95	1.21

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
56233	38.53	-0.55	-9.50	-621.64	17.43	0.14	-266.44	27.60	0.92
56234	39.92	-0.55	-9.50	-1095.51	15.93	0.99	-268.21	26.88	0.40
56235	41.30	-0.55	-9.50	-1574.74	13.94	2.03	-272.24	25.83	0.07
56236	42.69	-0.55	-9.50	-2062.49	8.16	3.54	-278.87	25.75	0.54
56237	44.07	-0.55	-9.50	-2559.35	-4.35	5.93	-288.55	29.72	2.79
56238	45.46	-0.55	-9.50	-3059.77	-25.70	9.87	-301.37	43.89	8.54
56239	46.84	-0.55	-9.50	-3545.12	-56.71	15.93	-316.31	79.56	20.67
56240	48.23	-0.55	-9.50	-3971.50	-96.34	25.40	-329.15	155.12	43.40
56241	49.61	-0.55	-9.50	-4250.04	-144.22	33.41	-327.67	297.12	81.65
56242	51.00	-0.55	-9.50	-4216.02	-189.01	121.80	-288.14	571.69	131.48
56243	52.38	-0.55	-9.50	-3648.64	-273.06	-39.48	-201.14	1049.39	154.21
56244	53.77	-0.55	-9.50	-2313.29	-464.45	-937.90	-85.89	433.36	146.59
56245	24.68	0.55	-9.50	895.51	616.42	347.53	106.29	530.17	132.79
56246	26.07	0.55	-9.50	1949.50	477.77	50.02	195.20	791.92	121.00
56247	27.45	0.55	-9.50	2378.66	354.39	-83.21	263.71	458.90	96.52
56248	28.84	0.55	-9.50	2375.24	269.10	-25.96	299.38	249.74	59.90
56249	30.22	0.55	-9.50	2111.43	192.97	-19.59	308.44	136.34	32.21
56250	31.61	0.55	-9.50	1718.12	132.31	-12.19	306.14	75.37	15.45
56251	32.99	0.55	-9.50	1267.65	86.11	-7.57	300.79	45.85	6.40
56252	34.38	0.55	-9.50	796.85	53.91	-4.55	295.66	33.41	2.15
56253	35.76	0.55	-9.50	322.03	33.95	-2.69	291.86	29.16	0.62
56254	37.15	0.55	-9.50	-151.48	23.56	-1.48	289.64	28.12	0.54
56255	38.53	0.55	-9.50	-623.90	19.52	-0.58	288.99	27.74	1.14
56256	39.92	0.55	-9.50	-1098.05	18.44	0.27	289.96	26.99	1.92
56257	41.30	0.55	-9.50	-1577.63	16.86	1.32	292.70	25.93	2.44
56258	42.69	0.55	-9.50	-2065.80	11.47	2.86	297.52	25.83	2.14
56259	44.07	0.55	-9.50	-2563.23	-0.63	5.31	304.76	29.80	0.05
56260	45.46	0.55	-9.50	-3064.35	-21.54	9.36	314.48	44.02	-5.52
56261	46.84	0.55	-9.50	-3550.50	-52.08	15.60	325.69	79.87	-17.25
56262	48.23	0.55	-9.50	-3977.41	-91.34	25.34	334.70	155.88	-39.04
56263	49.61	0.55	-9.50	-4255.13	-139.63	33.72	331.06	298.82	-75.28
56264	51.00	0.55	-9.50	-4216.71	-187.05	122.46	295.30	573.68	-122.54
56265	52.38	0.55	-9.50	-3643.71	-276.61	-36.88	222.13	1047.31	-146.72
56266	53.77	0.55	-9.50	-2311.87	-470.43	-936.07	126.16	424.08	-139.37
56267	24.63	1.65	-9.50	1606.79	795.00	1015.28	524.42	1092.96	602.87
56268	26.02	1.65	-9.50	2470.00	795.88	687.78	901.06	1437.91	636.22
56269	27.41	1.65	-9.50	2627.36	631.80	366.84	1110.57	1134.16	465.43
56270	28.80	1.65	-9.50	2452.55	476.70	265.15	1183.78	942.41	292.43
56271	30.19	1.65	-9.50	2110.28	331.41	162.92	1185.88	824.66	169.84
56272	31.58	1.65	-9.50	1688.07	216.97	97.49	1163.11	750.24	91.92
56273	32.97	1.65	-9.50	1232.46	134.78	56.59	1136.64	705.25	46.54
56274	34.36	1.65	-9.50	766.72	80.51	32.60	1114.55	679.20	22.18
56275	35.75	1.65	-9.50	300.60	47.83	18.89	1099.09	664.82	10.31
56276	37.14	1.65	-9.50	-163.28	30.26	11.06	1090.38	657.56	5.34
56277	38.53	1.65	-9.50	-625.85	21.77	6.07	1088.05	654.93	3.68
56278	39.92	1.65	-9.50	-1089.72	16.71	1.71	1092.09	655.94	2.87
56279	41.31	1.65	-9.50	-1558.13	9.51	-4.07	1103.07	660.91	0.67
56280	42.70	1.65	-9.50	-2034.09	-5.68	-13.79	1122.22	671.52	-5.76
56281	44.09	1.65	-9.50	-2519.14	-35.35	-31.17	1151.15	691.27	-20.85
56282	45.48	1.65	-9.50	-3011.03	-86.55	-61.83	1190.97	726.17	-51.78
56283	46.87	1.65	-9.50	-3499.23	-166.32	-114.42	1240.15	785.91	-109.74
56284	48.26	1.65	-9.50	-3956.49	-279.39	-199.41	1289.86	884.37	-210.24
56285	49.65	1.65	-9.50	-4326.23	-423.66	-334.08	1314.28	1040.02	-369.98
56286	51.04	1.65	-9.50	-4498.36	-572.03	-463.55	1254.24	1301.40	-600.99
56287	52.43	1.65	-9.50	-4256.33	-727.47	-911.33	1031.33	1755.33	-828.96
56288	53.82	1.65	-9.50	-3074.23	-726.04	-1778.50	627.27	1143.40	-725.36
56289	24.63	-1.65	-10.50	6678.04	1547.98	1652.10	-265.45	1917.20	-366.65
56290	26.02	-1.65	-10.50	4954.55	936.60	121.12	-219.94	850.50	-385.62
56291	27.41	-1.65	-10.50	3767.41	699.41	128.65	-218.33	595.66	-282.93
56292	28.80	-1.65	-10.50	2901.74	515.15	78.26	-252.10	434.36	-170.66
56293	30.19	-1.65	-10.50	2228.38	376.40	49.42	-291.17	334.43	-92.51
56294	31.58	-1.65	-10.50	1660.70	270.43	27.11	-322.38	280.18	-45.76
56295	32.97	-1.65	-10.50	1146.95	191.59	14.47	-344.05	252.63	-20.07
56296	34.36	-1.65	-10.50	657.68	133.86	7.14	-357.98	239.63	-7.21
56297	35.75	-1.65	-10.50	177.80	91.97	3.14	-366.56	234.07	-1.63
56298	37.14	-1.65	-10.50	-299.56	61.17	0.97	-371.82	231.95	0.15
56299	38.53	-1.65	-10.50	-776.90	37.19	-0.29	-375.14	231.22	0.18
56300	39.92	-1.65	-10.50	-1254.77	16.15	-1.31	-377.24	231.06	-0.24
56301	41.31	-1.65	-10.50	-1733.29	-5.77	-2.70	-378.16	231.59	0.01
56302	42.70	-1.65	-10.50	-2213.51	-32.49	-5.21	-377.25	233.91	2.46
56303	44.09	-1.65	-10.50	-2699.18	-68.38	-9.98	-373.07	240.57	9.69
56304	45.48	-1.65	-10.50	-3199.70	-118.34	-18.85	-363.41	256.57	26.18
56305	46.87	-1.65	-10.50	-3735.11	-187.85	-34.42	-345.59	290.84	59.29
56306	48.26	-1.65	-10.50	-4343.96	-283.53	-62.74	-317.73	359.01	120.17
56307	49.65	-1.65	-10.50	-5093.64	-411.95	-99.74	-282.83	486.34	223.82
56308	51.04	-1.65	-10.50	-6097.44	-589.74	-159.09	-261.19	689.67	373.77
56309	52.43	-1.65	-10.50	-7530.88	-833.46	-144.16	-298.21	997.35	504.66
56310	53.82	-1.65	-10.50	-9709.11	-1641.37	-2612.86	-388.70	2638.11	478.93
56311	24.68	-0.55	-10.50	6536.63	1926.52	1341.22	-145.67	1629.02	-175.61
56312	26.07	-0.55	-10.50	4902.95	1428.26	-76.15	-133.70	720.37	-198.89
56313	27.45	-0.55	-10.50	3736.46	1089.43	-7.65	-137.49	484.25	-156.01
56314	28.84	-0.55	-10.50	2881.59	774.98	-3.24	-151.78	302.57	-99.56
56315	30.22	-0.55	-10.50	2219.32	530.40	1.18	-167.59	185.56	-56.62
56316	31.61	-0.55	-10.50	1658.81	353.97	-0.21	-179.33	123.28	-29.56
56317	32.99	-0.55	-10.50	1148.34	233.01	-0.18	-186.66	92.89	-13.94
56318	34.38	-0.55	-10.50	659.69	152.22	-0.29	-190.84	79.62	-5.54
56319	35.76	-0.55	-10.50	178.87	98.95	-0.31	-193.18	74.75	-1.40
56320	37.15	-0.55	-10.50	-300.30	63.38	-0.27	-194.63	73.35	0.41
56321	38.53	-0.55	-10.50	-779.94	37.94	-0.18	-195.80	72.87	1.10
56322	39.92	-0.55	-10.50	-1260.40	16.40	-0.06	-197.01	72.28	1.48
56323	41.30	-0.55	-10.50	-1741.67	-7.14	0.07	-198.28	71.66	2.26
56324	42.69	-0.55	-10.50	-2224.54	-39.30	0.18	-199.35	72.31	4.38
56325	44.07	-0.55	-10.50	-2712.32	-88.52	0.29	-199.59	77.38	9.32
56326	45.46	-0.55	-10.50	-3213.63	-166.23	0.36	-197.90	93.02	19.58
56327	46.84	-0.55	-10.50	-3747.28	-287.63	0.71	-192.77	130.28	39.08
56328	48.23	-0.55	-10.50	-4350.84	-471.84	-0.97	-182.78	208.45	73.64
56329	49.61	-0.55	-10.50	-5093.36	-735.23	4.64	-169.10	358.88	129.80
56330	51.00	-0.55	-10.50	-6097.90	-1078.38	24.01	-161.23	588.58	204.24
56331	52.38	-0.55	-10.50	-7527.98	-1445.29	121.53	-173.63	850.46	258.15

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
56332	53.77	-0.55	-10.50	-9577.35	-2097.40	-2228.08	-209.67	2274.39	230.92
56333	24.68	0.55	-10.50	6527.87	1926.31	1333.12	185.59	1620.12	193.38
56334	26.07	0.55	-10.50	4902.09	1431.24	-77.17	165.74	718.66	196.56
56335	27.45	0.55	-10.50	3739.98	1092.28	-7.79	169.96	486.21	151.64
56336	28.84	0.55	-10.50	2883.68	775.95	-3.45	187.37	304.39	96.86
56337	30.22	0.55	-10.50	2219.64	530.59	1.18	205.41	186.88	55.67
56338	31.61	0.55	-10.50	1658.00	353.67	-0.05	218.28	124.28	29.83
56339	32.99	0.55	-10.50	1146.83	232.36	0.10	226.08	93.70	15.06
56340	34.38	0.55	-10.50	657.74	151.30	0.09	230.33	80.33	7.30
56341	35.76	0.55	-10.50	176.64	97.81	0.14	232.46	75.39	3.66
56342	37.15	0.55	-10.50	-302.73	62.04	0.24	233.52	73.93	2.26
56343	38.53	0.55	-10.50	-782.53	36.44	0.37	234.19	73.41	1.90
56344	39.92	0.55	-10.50	-1263.15	14.77	0.52	234.78	72.77	1.78
56345	41.30	0.55	-10.50	-1744.58	-8.87	0.68	235.35	72.11	1.20
56346	42.69	0.55	-10.50	-2227.66	-41.08	0.82	235.64	72.73	-0.78
56347	44.07	0.55	-10.50	-2715.76	-90.31	0.94	234.98	77.77	-5.64
56348	45.46	0.55	-10.50	-3217.55	-168.01	1.01	232.27	93.43	-15.82
56349	46.84	0.55	-10.50	-3752.01	-289.45	1.37	225.87	130.86	-35.13
56350	48.23	0.55	-10.50	-4356.97	-473.85	-0.26	214.04	209.47	-69.05
56351	49.61	0.55	-10.50	-5101.90	-737.77	5.50	197.19	360.73	-123.69
56352	51.00	0.55	-10.50	-6108.75	-1082.86	24.79	184.40	591.00	-196.15
56353	52.38	0.55	-10.50	-7533.69	-1448.63	123.94	192.97	847.55	-252.24
56354	53.77	0.55	-10.50	-9574.30	-2094.41	-2220.04	222.73	2263.62	-233.94
56355	24.63	1.65	-10.50	6645.00	1556.48	1633.24	296.61	1886.96	370.84
56356	26.02	1.65	-10.50	4968.21	953.90	132.13	238.10	858.72	371.66
56357	27.41	1.65	-10.50	3781.36	704.59	130.29	246.33	602.67	278.28
56358	28.80	1.65	-10.50	2908.15	516.79	79.62	285.63	439.63	168.88
56359	30.19	1.65	-10.50	2229.32	376.21	50.62	326.98	338.25	91.66
56360	31.58	1.65	-10.50	1658.22	269.02	28.38	359.27	283.05	45.35
56361	32.97	1.65	-10.50	1142.41	189.25	15.84	381.36	254.95	19.93
56362	34.36	1.65	-10.50	651.85	130.74	8.65	395.33	241.63	7.28
56363	35.75	1.65	-10.50	171.14	88.18	4.77	403.74	235.86	1.88
56364	37.14	1.65	-10.50	-306.80	56.78	2.71	408.68	233.60	0.28
56365	38.53	1.65	-10.50	-784.59	32.29	1.53	411.59	232.76	0.41
56366	39.92	1.65	-10.50	-1262.89	10.83	0.55	413.21	232.52	0.97
56367	41.31	1.65	-10.50	-1741.89	-11.38	-0.82	413.62	232.98	0.83
56368	42.70	1.65	-10.50	-2222.73	-38.28	-3.37	412.15	235.25	-1.53
56369	44.09	1.65	-10.50	-2709.30	-74.17	-8.24	407.37	241.93	-8.71
56370	45.48	1.65	-10.50	-3211.27	-123.98	-17.33	397.01	258.11	-25.19
56371	46.87	1.65	-10.50	-3749.14	-193.24	-33.26	378.23	292.93	-58.32
56372	48.26	1.65	-10.50	-4362.37	-288.76	-62.10	348.72	362.41	-119.07
56373	49.65	1.65	-10.50	-5119.65	-417.62	-99.96	310.54	492.12	-221.95
56374	51.04	1.65	-10.50	-6135.04	-597.89	-160.01	280.53	698.64	-368.14
56375	52.43	1.65	-10.50	-7571.17	-855.62	-158.61	300.79	1008.69	-484.62
56376	53.82	1.65	-10.50	-9690.13	-1646.50	-2600.23	394.05	2602.23	-464.22
56377	24.57	2.50	-9.50	2348.03	593.84	1869.22	197.04	1797.10	271.21
56378	25.96	2.50	-9.50	2942.28	593.08	1455.73	360.21	2299.41	277.12
56379	27.36	2.50	-9.50	2793.49	477.88	866.81	483.17	2035.29	187.33
56380	28.75	2.50	-9.50	2472.72	368.95	569.90	532.90	1843.45	101.33
56381	30.15	2.50	-9.50	2073.03	258.85	346.55	553.66	1700.89	47.93
56382	31.55	2.50	-9.50	1636.22	170.40	202.97	560.99	1596.77	16.61
56383	32.94	2.50	-9.50	1184.50	106.22	114.95	563.13	1524.06	0.53
56384	34.34	2.50	-9.50	729.20	63.48	63.66	563.58	1475.83	-6.43
56385	35.73	2.50	-9.50	274.77	37.26	34.52	563.80	1445.66	-8.21
56386	37.13	2.50	-9.50	-177.90	22.49	17.79	564.42	1428.85	-7.24
56387	38.53	2.50	-9.50	-629.78	14.49	6.98	565.80	1422.53	-4.94
56388	39.92	2.50	-9.50	-1082.77	8.97	-2.59	568.23	1425.60	-2.24
56389	41.32	2.50	-9.50	-1539.13	1.71	-15.23	571.96	1438.70	0.10
56390	42.72	2.50	-9.50	-2001.12	-11.79	-36.25	577.29	1464.29	1.04
56391	44.11	2.50	-9.50	-2470.38	-36.62	-73.64	584.43	1506.84	-1.17
56392	45.51	2.50	-9.50	-2946.80	-78.43	-139.86	593.32	1573.01	-9.66
56393	46.90	2.50	-9.50	-3426.40	-142.83	-254.08	602.87	1671.68	-29.60
56394	48.30	2.50	-9.50	-3896.95	-232.98	-441.99	609.29	1812.46	-69.26
56395	49.70	2.50	-9.50	-4332.75	-345.64	-739.22	602.57	2006.22	-138.11
56396	51.09	2.50	-9.50	-4684.23	-448.71	-1140.36	562.38	2275.69	-252.01
56397	52.49	2.50	-9.50	-4828.58	-572.42	-2022.34	434.00	2686.42	-374.26
56398	53.88	2.50	-9.50	-3854.63	-651.10	-2915.05	270.94	2038.07	-324.15
56399	24.50	3.10	-9.50	2389.48	566.58	1873.27	-476.34	1816.01	-327.86
56400	25.90	3.10	-9.50	2981.13	546.74	1404.59	-548.36	2335.51	-259.94
56401	27.30	3.10	-9.50	2808.22	433.83	786.40	-526.36	2048.30	-197.80
56402	28.71	3.10	-9.50	2475.80	333.39	497.26	-463.04	1837.03	-139.31
56403	30.11	3.10	-9.50	2070.54	230.45	286.04	-395.18	1679.25	-96.24
56404	31.51	3.10	-9.50	1631.05	148.36	154.54	-335.50	1563.76	-64.36
56405	32.91	3.10	-9.50	1178.18	89.61	76.40	-288.42	1483.06	-42.54
56406	34.32	3.10	-9.50	722.69	51.43	33.09	-253.99	1429.38	-27.96
56407	35.72	3.10	-9.50	268.80	28.95	10.65	-230.57	1395.63	-18.22
56408	37.12	3.10	-9.50	-182.81	17.25	-0.12	-216.18	1376.62	-11.38
56409	38.52	3.10	-9.50	-633.30	11.89	-5.31	-209.24	1369.15	-5.99
56410	39.93	3.10	-9.50	-1084.73	8.87	-9.24	-208.96	1371.96	-0.86
56411	41.33	3.10	-9.50	-1539.54	4.30	-15.87	-215.50	1385.72	5.13
56412	42.73	3.10	-9.50	-2000.14	-6.03	-30.10	-229.97	1413.01	13.32
56413	44.13	3.10	-9.50	-2468.33	-26.96	-59.33	-254.27	1458.60	25.46
56414	45.54	3.10	-9.50	-2944.18	-64.01	-115.28	-290.69	1529.63	44.03
56415	46.94	3.10	-9.50	-3423.99	-122.73	-216.44	-341.07	1635.55	72.17
56416	48.34	3.10	-9.50	-3896.26	-206.20	-388.42	-405.38	1786.82	113.82
56417	49.74	3.10	-9.50	-4337.15	-311.23	-670.63	-478.87	1994.85	171.32
56418	51.15	3.10	-9.50	-4700.46	-405.28	-1064.96	-545.39	2283.32	253.71
56419	52.55	3.10	-9.50	-4869.07	-526.63	-1992.84	-563.53	2723.57	353.93
56420	53.95	3.10	-9.50	-3890.41	-522.25	-2948.74	-494.27	2058.92	448.46
56421	24.57	2.50	-10.50	6757.93	1233.23	1946.82	57.93	2124.64	63.69
56422	25.96	2.50	-10.50	5027.70	556.61	316.18	86.52	950.36	133.43
56423	27.36	2.50	-10.50	3820.06	401.72	237.94	102.69	673.14	92.67
56424	28.75	2.50	-10.50	2933.48	324.27	137.30	133.56	530.77	46.61
56425	30.15	2.50	-10.50	2242.13	265.74	81.72	172.05	444.02	17.20
56426	31.55	2.50	-10.50	1662.38	211.53	44.18	207.72	395.40	1.73
56427	32.94	2.50	-10.50	1141.50	162.54	23.17	236.41	369.51	-5.09
56428	34.34	2.50	-10.50	648.65	120.35	11.69	257.41	356.22	-7.05
56429	35.73	2.50	-10.50	167.56	85.39	5.75	271.70	349.70	-6.54
56430	37.13	2.50	-10.50	-309.53	56.72	2.77	280.73	346.69	-4.87

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
56431	38.53	2.50	-10.50	-785.75	32.57	1.16	285.70	345.54	-2.72
56432	39.92	2.50	-10.50	-1262.12	10.76	-0.15	287.32	345.60	-0.42
56433	41.32	2.50	-10.50	-1739.19	-10.97	-2.11	285.64	346.97	1.80
56434	42.72	2.50	-10.50	-2218.49	-34.56	-5.93	280.05	350.60	3.53
56435	44.11	2.50	-10.50	-2704.47	-61.26	-13.58	269.41	358.59	3.90
56436	45.51	2.50	-10.50	-3207.57	-90.94	-28.40	252.41	375.01	1.17
56437	46.90	2.50	-10.50	-3749.20	-121.46	-55.54	228.26	407.14	-7.87
56438	48.30	2.50	-10.50	-4369.44	-149.02	-104.77	198.25	468.01	-28.38
56439	49.70	2.50	-10.50	-5136.40	-170.66	-177.46	167.76	577.53	-67.81
56440	51.09	2.50	-10.50	-6157.76	-206.40	-312.61	150.03	755.85	-128.82
56441	52.49	2.50	-10.50	-7600.58	-338.97	-413.57	151.15	1116.84	-177.02
56442	53.88	2.50	-10.50	-9809.65	-1242.58	-3010.93	118.58	2910.53	-64.31
56443	24.50	3.10	-10.50	6846.42	1244.66	2034.69	-138.58	2191.84	-193.38
56444	25.90	3.10	-10.50	5044.48	543.92	298.33	-66.11	945.14	-113.27
56445	27.30	3.10	-10.50	3832.86	404.10	221.71	-70.35	668.22	-93.25
56446	28.71	3.10	-10.50	2946.86	321.19	121.30	-57.48	529.07	-64.51
56447	30.11	3.10	-10.50	2253.50	262.02	69.02	-26.88	443.88	-43.84
56448	31.51	3.10	-10.50	1670.10	208.43	34.32	9.50	395.87	-29.36
56449	32.91	3.10	-10.50	1145.57	160.92	15.61	43.08	369.97	-19.50
56450	34.32	3.10	-10.50	649.98	120.14	5.84	70.00	356.45	-12.88
56451	35.72	3.10	-10.50	167.24	86.15	1.27	89.47	349.66	-8.36
56452	37.12	3.10	-10.50	-310.53	57.92	-0.56	102.09	346.46	-5.07
56453	38.52	3.10	-10.50	-786.81	33.80	-1.13	108.75	345.23	-2.36
56454	39.93	3.10	-10.50	-1262.99	11.78	-1.41	110.04	345.33	0.28
56455	41.33	3.10	-10.50	-1740.03	-10.16	-2.25	105.95	346.89	3.36
56456	42.73	3.10	-10.50	-2219.85	-33.81	-4.76	95.97	350.83	7.45
56457	44.13	3.10	-10.50	-2707.21	-60.34	-10.76	79.34	359.18	13.36
56458	45.54	3.10	-10.50	-3212.60	-89.74	-23.39	55.83	375.87	22.21
56459	46.94	3.10	-10.50	-3757.03	-120.27	-47.57	27.01	407.91	35.54
56460	48.34	3.10	-10.50	-4379.31	-149.08	-93.13	-1.87	467.72	55.24
56461	49.74	3.10	-10.50	-5145.38	-173.20	-161.73	-20.10	574.93	84.16
56462	51.15	3.10	-10.50	-6162.47	-216.98	-297.88	-15.21	749.89	126.57
56463	52.55	3.10	-10.50	-7611.30	-325.55	-392.43	1.45	1113.08	158.96
56464	53.95	3.10	-10.50	-9921.25	-1265.29	-3138.26	-105.69	3003.35	265.62
56465	24.37	3.96	-9.50	1753.63	703.77	1044.91	-901.46	1076.64	-572.56
56466	25.79	3.96	-9.50	2636.74	618.14	653.70	-1134.41	1473.41	-490.10
56467	27.20	3.96	-9.50	2763.68	438.45	290.71	-1154.69	1144.75	-355.30
56468	28.62	3.96	-9.50	2547.00	302.34	194.40	-1067.98	931.95	-220.98
56469	30.03	3.96	-9.50	2168.29	186.00	103.36	-942.62	801.20	-124.27
56470	31.44	3.96	-9.50	1719.42	101.22	49.51	-824.92	716.79	-62.24
56471	32.86	3.96	-9.50	1245.76	46.40	18.30	-730.52	664.42	-25.72
56472	34.27	3.96	-9.50	768.87	15.89	2.25	-661.64	633.08	-6.33
56473	35.69	3.96	-9.50	296.83	3.06	-4.75	-615.27	615.05	2.44
56474	37.10	3.96	-9.50	-169.32	2.02	-6.61	-587.24	605.48	5.12
56475	38.52	3.96	-9.50	-631.96	7.87	-5.97	-574.23	601.67	4.80
56476	39.93	3.96	-9.50	-1095.02	16.52	-4.69	-574.64	602.53	3.74
56477	41.35	3.96	-9.50	-1563.03	24.09	-4.46	-588.93	608.37	4.01
56478	42.76	3.96	-9.50	-2040.30	26.25	-7.38	-619.63	620.98	8.18
56479	44.18	3.96	-9.50	-2529.84	17.69	-16.62	-671.06	644.02	20.00
56480	45.59	3.96	-9.50	-3031.01	-8.15	-37.14	-748.30	683.72	45.29
56481	47.01	3.96	-9.50	-3535.10	-58.70	-77.01	-854.97	750.00	92.78
56482	48.42	3.96	-9.50	-4017.07	-140.00	-146.81	-988.41	857.23	174.27
56483	49.83	3.96	-9.50	-4422.27	-252.79	-267.92	-1129.63	1024.55	303.69
56484	51.25	3.96	-9.50	-4634.14	-380.52	-394.57	-1221.30	1308.54	490.58
56485	52.66	3.96	-9.50	-4410.00	-553.02	-903.37	-1188.59	1800.69	677.54
56486	54.08	3.96	-9.50	-3197.33	-639.17	-1838.25	-934.88	1123.24	774.11
56487	24.17	5.07	-9.50	1243.20	512.45	400.08	-507.54	466.48	-111.29
56488	25.60	5.07	-9.50	2307.84	282.06	82.92	-391.39	783.43	21.90
56489	27.04	5.07	-9.50	2703.75	125.39	-69.22	-250.11	450.29	-15.80
56490	28.47	5.07	-9.50	2625.79	41.06	-16.49	-136.79	240.94	-23.06
56491	29.90	5.07	-9.50	2282.70	-7.37	-13.35	-35.16	132.52	-13.35
56492	31.34	5.07	-9.50	1824.74	-29.04	-7.79	47.15	75.12	-4.69
56493	32.77	5.07	-9.50	1327.61	-35.10	-4.32	107.71	47.51	1.07
56494	34.21	5.07	-9.50	826.04	-31.40	-2.05	149.26	35.78	4.05
56495	35.64	5.07	-9.50	332.71	-21.72	-0.76	176.11	31.63	4.96
56496	37.07	5.07	-9.50	-150.82	-8.36	-0.03	192.35	30.51	4.54
56497	38.51	5.07	-9.50	-628.25	7.40	0.42	200.96	30.14	3.44
56498	39.94	5.07	-9.50	-1105.52	24.83	0.82	203.44	29.61	2.19
56499	41.38	5.07	-9.50	-1589.35	43.47	1.39	199.76	28.99	1.35
56500	42.81	5.07	-9.50	-2086.12	62.66	2.39	188.30	29.39	1.52
56501	44.24	5.07	-9.50	-2600.07	81.27	4.14	165.97	33.59	3.54
56502	45.68	5.07	-9.50	-3129.59	97.27	7.20	128.53	47.21	8.42
56503	47.11	5.07	-9.50	-3659.77	107.38	11.95	71.71	80.88	17.27
56504	48.55	5.07	-9.50	-4148.57	106.75	19.37	-6.64	152.58	30.53
56505	49.98	5.07	-9.50	-4502.05	84.89	23.43	-102.05	289.59	46.03
56506	51.41	5.07	-9.50	-4528.79	36.98	105.37	-205.62	566.09	36.30
56507	52.85	5.07	-9.50	-3963.88	-79.56	-73.08	-347.29	1047.08	-30.45
56508	54.28	5.07	-9.50	-2616.86	-364.85	-986.07	-461.62	352.48	186.65
56509	23.91	6.17	-9.50	1520.37	508.22	383.57	-355.99	484.77	141.27
56510	25.37	6.17	-9.50	2522.76	255.06	63.37	-39.65	769.66	265.31
56511	26.83	6.17	-9.50	2849.98	72.90	-84.06	293.74	440.56	178.66
56512	28.29	6.17	-9.50	2723.40	-17.12	-27.78	504.61	239.47	93.50
56513	29.75	6.17	-9.50	2344.49	-58.89	-22.24	620.19	133.42	46.93
56514	31.21	6.17	-9.50	1860.11	-66.79	-14.10	681.55	77.10	23.66
56515	32.66	6.17	-9.50	1345.19	-58.58	-8.77	713.11	50.12	12.76
56516	34.12	6.17	-9.50	833.17	-43.62	-5.24	728.35	38.76	7.85
56517	35.58	6.17	-9.50	334.57	-26.63	-3.09	735.53	34.78	5.61
56518	37.04	6.17	-9.50	-151.03	-9.29	-1.73	739.62	33.76	4.44
56519	38.50	6.17	-9.50	-628.76	8.32	-0.78	743.48	33.46	3.67
56520	39.95	6.17	-9.50	-1105.64	26.94	0.09	748.56	33.00	3.08
56521	41.41	6.17	-9.50	-1589.33	47.57	1.19	755.20	32.43	2.55
56522	42.87	6.17	-9.50	-2087.33	71.04	2.87	762.65	32.86	1.79
56523	44.33	6.17	-9.50	-2605.48	97.49	5.62	768.65	36.99	-0.03
56524	45.79	6.17	-9.50	-3144.26	125.50	10.21	768.62	50.36	-4.87
56525	47.24	6.17	-9.50	-3690.89	150.58	17.21	754.28	83.50	-16.95
56526	48.70	6.17	-9.50	-4204.01	163.37	27.76	711.30	154.11	-44.61
56527	50.16	6.17	-9.50	-4589.56	145.32	34.49	611.34	287.73	-102.65
56528	51.62	6.17	-9.50	-4662.42	86.78	120.74	403.12	549.37	-213.56
56529	53.08	6.17	-9.50	-4175.18	-63.87	-51.12	49.86	1015.22	-329.72

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
56530	54.54	6.17	-9.50	-2879.53	-362.88	-953.03	-288.74	388.41	-90.46
56531	23.61	7.26	-9.50	2548.67	719.56	1002.71	46.66	1117.97	617.04
56532	25.10	7.26	-9.50	3364.58	512.77	705.94	679.15	1420.50	788.46
56533	26.59	7.26	-9.50	3279.14	266.43	401.53	1217.30	1109.39	551.64
56534	28.07	7.26	-9.50	2876.89	122.81	294.48	1481.66	944.29	324.56
56535	29.56	7.26	-9.50	2368.48	33.25	179.06	1580.66	847.28	180.25
56536	31.05	7.26	-9.50	1831.81	-8.74	105.19	1601.25	786.80	95.61
56537	32.53	7.26	-9.50	1303.92	-21.37	60.15	1590.06	751.79	49.71
56538	34.02	7.26	-9.50	796.36	-19.33	34.66	1570.81	732.98	26.24
56539	35.51	7.26	-9.50	308.51	-11.06	20.69	1554.10	723.77	14.82
56540	36.99	7.26	-9.50	-164.91	-0.53	13.03	1544.26	720.07	9.43
56541	38.48	7.26	-9.50	-630.34	10.89	8.37	1542.95	719.63	6.74
56542	39.97	7.26	-9.50	-1094.36	23.16	4.44	1551.03	721.63	4.79
56543	41.46	7.26	-9.50	-1563.67	36.56	-0.77	1569.42	726.42	1.97
56544	42.94	7.26	-9.50	-2045.42	50.93	-9.86	1599.02	735.62	-4.03
56545	44.43	7.26	-9.50	-2547.10	64.62	-26.98	1639.87	752.53	-17.34
56546	45.92	7.26	-9.50	-3075.05	72.97	-58.72	1688.98	782.79	-45.61
56547	47.40	7.26	-9.50	-3629.90	66.17	-115.46	1735.93	835.34	-102.21
56548	48.89	7.26	-9.50	-4196.85	27.32	-209.38	1754.30	922.44	-208.41
56549	50.38	7.26	-9.50	-4729.13	-63.86	-358.21	1688.57	1057.89	-391.67
56550	51.86	7.26	-9.50	-5128.66	-208.35	-488.83	1432.15	1287.71	-686.51
56551	53.35	7.26	-9.50	-5130.90	-453.24	-898.98	854.25	1751.93	-1002.95
56552	54.84	7.26	-9.50	-3964.72	-653.73	-1707.04	167.65	1234.69	-689.06
56553	24.37	3.96	-10.50	6854.14	1553.87	1754.73	-220.52	1973.34	-284.00
56554	25.79	3.96	-10.50	5103.41	946.86	128.28	-178.65	861.82	-276.59
56555	27.20	3.96	-10.50	3890.52	671.84	110.55	-207.96	593.31	-226.08
56556	28.62	3.96	-10.50	3001.96	467.69	60.55	-204.51	432.38	-141.63
56557	30.03	3.96	-10.50	2303.21	325.34	34.25	-176.15	333.46	-81.49
56558	31.44	3.96	-10.50	1710.05	225.74	15.22	-136.01	279.49	-43.15
56559	32.86	3.96	-10.50	1174.70	156.59	5.48	-96.30	251.36	-20.51
56560	34.27	3.96	-10.50	669.29	108.20	0.54	-63.19	237.47	-8.14
56561	35.69	3.96	-10.50	178.48	73.76	-1.48	-38.69	231.04	-2.01
56562	37.10	3.96	-10.50	-305.72	48.29	-1.94	-22.68	228.27	0.64
56563	38.52	3.96	-10.50	-787.34	28.08	-1.64	-14.41	227.21	1.62
56564	39.93	3.96	-10.50	-1268.54	10.11	-1.15	-13.33	227.08	2.26
56565	41.35	3.96	-10.50	-1751.09	-8.45	-0.94	-19.44	228.00	3.76
56566	42.76	3.96	-10.50	-2237.63	-30.68	-1.65	-33.28	231.01	7.62
56567	44.18	3.96	-10.50	-2733.38	-60.46	-4.26	-55.40	238.54	16.12
56568	45.59	3.96	-10.50	-3248.74	-103.04	-10.48	-85.28	255.31	32.87
56569	47.01	3.96	-10.50	-3803.55	-165.65	-22.76	-119.61	289.80	63.27
56570	48.42	3.96	-10.50	-4434.09	-258.93	-47.36	-149.96	356.95	115.00
56571	49.83	3.96	-10.50	-5203.11	-396.79	-82.22	-161.46	482.77	197.69
56572	51.25	3.96	-10.50	-6224.66	-601.37	-143.10	-142.57	689.02	315.95
56573	52.66	3.96	-10.50	-7693.50	-885.21	-155.76	-95.63	1021.91	387.08
56574	54.08	3.96	-10.50	-9912.07	-1669.16	-2774.57	-169.15	2712.92	360.30
56575	24.17	5.07	-10.50	6837.09	1900.46	1389.58	-79.06	1649.73	-90.98
56576	25.60	5.07	-10.50	5204.03	1381.38	-55.83	-79.26	714.94	-49.12
56577	27.04	5.07	-10.50	4006.26	968.63	-10.09	-104.87	473.16	-71.60
56578	28.47	5.07	-10.50	3103.76	624.72	-5.99	-72.00	292.96	-52.83
56579	29.90	5.07	-10.50	2387.11	384.67	-2.23	-16.33	179.44	-31.06
56580	31.34	5.07	-10.50	1774.56	230.53	-3.14	40.97	119.95	-14.13
56581	32.77	5.07	-10.50	1221.01	136.87	-2.44	90.13	90.73	-3.43
56582	34.21	5.07	-10.50	700.11	81.51	-1.96	127.85	77.59	2.34
56583	35.64	5.07	-10.50	196.84	49.22	-1.49	154.32	72.40	4.70
56584	37.07	5.07	-10.50	-297.37	30.05	-1.04	171.14	70.63	4.97
56585	38.51	5.07	-10.50	-787.46	17.70	-0.60	179.94	69.98	4.19
56586	39.94	5.07	-10.50	-1276.68	7.83	-0.14	181.66	69.54	3.19
56587	41.38	5.07	-10.50	-1767.85	-3.40	0.36	176.32	69.37	2.77
56588	42.81	5.07	-10.50	-2264.67	-20.78	0.91	163.01	70.65	3.90
56589	44.24	5.07	-10.50	-2773.18	-51.61	1.55	140.27	76.18	7.85
56590	45.68	5.07	-10.50	-3304.11	-107.76	2.28	107.00	91.61	16.41
56591	47.11	5.07	-10.50	-3876.59	-207.59	3.41	64.05	127.22	31.76
56592	48.55	5.07	-10.50	-4524.94	-377.96	2.37	16.71	201.48	56.04
56593	49.98	5.07	-10.50	-5310.19	-648.91	6.64	-22.55	347.46	87.76
56594	51.41	5.07	-10.50	-6348.52	-1036.24	24.92	-28.47	578.63	115.69
56595	52.85	5.07	-10.50	-7803.08	-1486.91	99.94	41.08	850.76	89.90
56596	54.28	5.07	-10.50	-9838.67	-2113.21	-2288.31	42.96	2278.37	113.35
56597	23.91	6.17	-10.50	7016.66	1891.72	1366.52	244.83	1653.75	267.99
56598	25.37	6.17	-10.50	5369.63	1308.28	-60.46	228.88	685.34	336.98
56599	26.83	6.17	-10.50	4154.80	884.43	-0.40	237.50	464.58	229.43
56600	28.29	6.17	-10.50	3210.78	541.19	1.21	312.95	294.02	133.57
56601	29.75	6.17	-10.50	2456.55	311.16	3.10	397.37	185.27	72.05
56602	31.21	6.17	-10.50	1817.89	169.41	0.83	466.79	128.75	38.95
56603	32.66	6.17	-10.50	1247.00	88.50	0.67	517.18	101.56	21.84
56604	34.12	6.17	-10.50	714.93	44.92	0.56	551.11	89.79	13.19
56605	35.58	6.17	-10.50	204.37	22.71	0.56	572.79	85.51	8.75
56606	37.04	6.17	-10.50	-294.89	11.98	0.57	585.95	84.32	6.27
56607	38.50	6.17	-10.50	-788.88	6.89	0.57	593.22	84.04	4.62
56608	39.95	6.17	-10.50	-1281.51	3.73	0.58	595.99	83.77	3.23
56609	41.41	6.17	-10.50	-1776.21	-0.64	0.62	594.34	83.60	1.69
56610	42.87	6.17	-10.50	-2277.38	-10.41	0.69	587.07	84.66	-0.68
56611	44.33	6.17	-10.50	-2792.20	-32.61	0.78	571.67	89.69	-5.26
56612	45.79	6.17	-10.50	-3333.08	-79.31	0.75	544.50	104.20	-14.89
56613	47.24	6.17	-10.50	-3921.51	-170.13	0.75	501.68	138.32	-34.94
56614	48.70	6.17	-10.50	-4594.43	-333.63	-2.11	441.84	210.20	-75.28
56615	50.16	6.17	-10.50	-5415.08	-601.34	0.04	373.36	351.12	-153.32
56616	51.62	6.17	-10.50	-6486.84	-994.38	15.39	333.80	568.05	-277.45
56617	53.08	6.17	-10.50	-7931.66	-1453.65	112.98	402.49	806.11	-408.11
56618	54.54	6.17	-10.50	-9968.63	-2132.75	-2234.96	475.04	2269.34	-339.34
56619	23.61	7.26	-10.50	7514.45	1501.65	1618.36	285.47	1986.17	466.14
56620	25.10	7.26	-10.50	5692.96	725.83	123.09	329.76	835.78	509.52
56621	26.59	7.26	-10.50	4332.51	394.61	135.33	385.42	590.26	338.68
56622	28.07	7.26	-10.50	3292.00	212.50	84.09	471.75	438.58	191.49
56623	29.56	7.26	-10.50	2484.22	107.68	52.20	553.44	345.79	98.24
56624	31.05	7.26	-10.50	1818.61	48.05	28.17	616.37	297.15	48.08
56625	32.53	7.26	-10.50	1238.20	17.60	15.28	658.13	273.93	22.52
56626	34.02	7.26	-10.50	704.88	3.29	8.27	683.94	264.16	10.24
56627	35.51	7.26	-10.50	196.02	-2.45	4.77	699.21	260.91	4.71
56628	36.99	7.26	-10.50	-301.02	-3.96	3.08	708.04	260.33	2.37

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
56629	38.48	7.26	-10.50	-792.91	-3.52	2.23	713.04	260.51	1.39
56630	39.97	7.26	-10.50	-1283.27	-2.35	1.61	715.49	260.72	0.79
56631	41.46	7.26	-10.50	-1774.95	-1.41	0.68	715.50	261.08	-0.22
56632	42.94	7.26	-10.50	-2272.14	-2.11	-1.30	711.96	262.63	-2.79
56633	44.43	7.26	-10.50	-2782.85	-7.19	-5.52	702.27	267.82	-9.19
56634	45.92	7.26	-10.50	-3322.38	-21.94	-14.13	682.06	281.53	-23.91
56635	47.40	7.26	-10.50	-3918.24	-55.56	-30.13	645.72	312.55	-55.40
56636	48.89	7.26	-10.50	-4617.06	-123.53	-60.59	588.85	376.18	-118.61
56637	50.38	7.26	-10.50	-5488.96	-243.44	-101.11	519.54	496.76	-239.06
56638	51.86	7.26	-10.50	-6645.68	-447.82	-160.23	469.13	688.26	-430.58
56639	53.35	7.26	-10.50	-8209.11	-804.67	-266.57	506.28	975.37	-641.57
56640	54.84	7.26	-10.50	-10449.40	-1708.57	-2538.40	561.06	2692.15	-609.80
56641	23.35	8.10	-9.50	3752.82	599.00	1772.98	-201.09	2049.56	290.31
56642	24.86	8.10	-9.50	4154.01	270.46	1372.54	380.34	2382.52	406.10
56643	26.37	8.10	-9.50	3518.87	115.29	822.30	793.20	2049.36	196.24
56644	27.88	8.10	-9.50	2895.90	58.19	541.22	927.40	1859.77	57.30
56645	29.39	8.10	-9.50	2299.95	11.97	317.32	973.92	1728.29	2.71
56646	30.91	8.10	-9.50	1746.79	-6.47	176.58	972.92	1641.05	-17.35
56647	32.42	8.10	-9.50	1230.55	-11.86	93.78	956.62	1587.81	-21.22
56648	33.93	8.10	-9.50	742.48	-10.49	48.67	938.89	1558.20	-18.88
56649	35.44	8.10	-9.50	273.33	-6.67	25.37	925.29	1543.47	-14.73
56650	36.96	8.10	-9.50	-184.45	-2.14	13.74	917.42	1537.68	-10.44
56651	38.47	8.10	-9.50	-636.55	2.56	7.50	915.54	1537.45	-6.34
56652	39.98	8.10	-9.50	-1087.47	7.51	2.49	919.83	1541.54	-2.25
56653	41.49	8.10	-9.50	-1541.45	12.94	-4.94	930.87	1550.65	2.16
56654	43.01	8.10	-9.50	-2003.50	18.91	-19.57	949.64	1567.53	7.08
56655	44.52	8.10	-9.50	-2480.43	24.71	-49.10	976.97	1597.42	12.08
56656	46.03	8.10	-9.50	-2981.40	28.24	-106.31	1012.17	1648.62	15.16
56657	47.54	8.10	-9.50	-3517.68	24.38	-211.62	1049.80	1733.00	10.85
56658	49.06	8.10	-9.50	-4099.57	5.70	-391.53	1074.11	1864.29	-13.48
56659	50.57	8.10	-9.50	-4733.34	-45.05	-681.47	1046.80	2056.76	-80.82
56660	52.08	8.10	-9.50	-5399.79	-102.05	-1049.02	919.22	2335.82	-257.41
56661	53.59	8.10	-9.50	-6067.18	-284.74	-1859.07	471.26	2853.83	-531.75
56662	55.10	8.10	-9.50	-6761.14	-603.58	-2743.39	-160.07	2472.78	-316.37
56663	23.13	8.70	-9.50	5279.63	519.36	2058.59	-808.63	2730.10	-195.80
56664	24.66	8.70	-9.50	4300.43	9.31	1244.79	86.65	2796.58	116.43
56665	26.20	8.70	-9.50	3436.71	41.72	541.37	209.84	2400.16	-26.22
56666	27.73	8.70	-9.50	2747.02	12.51	252.09	286.14	2089.17	-69.60
56667	29.26	8.70	-9.50	2163.95	3.41	89.59	306.10	1882.28	-68.46
56668	30.79	8.70	-9.50	1644.83	-2.46	11.88	304.64	1761.01	-53.89
56669	32.33	8.70	-9.50	1161.78	-3.72	-20.49	296.28	1697.41	-39.11
56670	33.86	8.70	-9.50	698.91	-3.30	-29.64	287.75	1668.59	-27.17
56671	35.39	8.70	-9.50	246.63	-2.14	-28.15	281.33	1658.26	-18.45
56672	36.93	8.70	-9.50	-200.58	-0.81	-22.27	277.55	1656.48	-12.10
56673	38.46	8.70	-9.50	-645.79	0.55	-14.85	276.35	1657.93	-7.09
56674	39.99	8.70	-9.50	-1090.81	1.98	-7.19	277.71	1660.67	-2.37
56675	41.52	8.70	-9.50	-1537.13	3.56	-0.12	281.86	1665.37	3.11
56676	43.06	8.70	-9.50	-1986.93	5.30	4.97	289.25	1675.54	10.53
56677	44.59	8.70	-9.50	-2444.03	7.04	4.76	300.36	1698.47	21.19
56678	46.12	8.70	-9.50	-2915.34	8.09	-8.24	314.98	1746.99	36.24
56679	47.66	8.70	-9.50	-3412.58	7.30	-49.84	330.75	1841.72	55.40
56680	49.19	8.70	-9.50	-3954.60	1.25	-148.72	339.93	2011.76	75.23
56681	50.72	8.70	-9.50	-4575.49	-8.79	-359.19	324.13	2295.68	79.70
56682	52.25	8.70	-9.50	-5325.34	-37.72	-743.97	244.10	2732.78	29.24
56683	53.79	8.70	-9.50	-6271.93	-17.60	-1803.43	104.91	3361.47	-145.19
56684	55.32	8.70	-9.50	-7058.23	-545.77	-3215.13	-927.52	3420.55	293.41
56685	23.35	8.10	-10.50	8224.73	1101.11	1843.39	-128.03	2343.66	262.65
56686	24.86	8.10	-10.50	6099.73	185.90	286.88	222.23	1009.81	313.78
56687	26.37	8.10	-10.50	4461.69	13.43	222.64	340.55	730.84	148.74
56688	27.88	8.10	-10.50	3329.95	-6.41	127.36	375.24	584.56	59.95
56689	29.39	8.10	-10.50	2470.76	-18.71	71.79	423.84	495.05	17.29
56690	30.91	8.10	-10.50	1789.46	-18.15	35.77	459.24	448.46	0.25
56691	32.42	8.10	-10.50	1209.75	-15.52	16.83	482.73	427.23	-5.43
56692	33.93	8.10	-10.50	683.14	-12.26	7.41	496.98	419.43	-6.58
56693	35.44	8.10	-10.50	181.35	-9.42	3.23	505.34	417.81	-6.07
56694	36.96	8.10	-10.50	-310.11	-7.05	1.67	510.14	418.41	-5.10
56695	38.47	8.10	-10.50	-797.76	-4.96	1.28	512.83	419.26	-4.07
56696	39.98	8.10	-10.50	-1284.15	-2.89	1.18	514.14	419.62	-3.03
56697	41.49	8.10	-10.50	-1770.78	-0.52	0.65	514.14	419.65	-1.96
56698	43.01	8.10	-10.50	-2260.79	2.48	-1.34	512.26	420.43	-0.93
56699	44.52	8.10	-10.50	-2762.25	6.32	-6.56	507.04	424.49	-0.41
56700	46.03	8.10	-10.50	-3292.80	11.03	-18.33	495.93	436.80	-1.92
56701	47.54	8.10	-10.50	-3886.64	15.52	-42.03	475.38	466.35	-9.16
56702	49.06	8.10	-10.50	-4601.96	18.34	-87.93	443.48	528.00	-31.09
56703	50.57	8.10	-10.50	-5528.70	8.15	-157.73	403.14	643.51	-87.15
56704	52.08	8.10	-10.50	-6775.94	-7.63	-283.14	398.38	827.52	-201.67
56705	53.59	8.10	-10.50	-8622.45	-184.84	-353.69	343.97	1183.67	-406.87
56706	55.10	8.10	-10.50	-11209.60	-1249.86	-2832.45	56.49	3168.86	-371.96
56707	23.13	8.70	-10.50	9932.86	874.74	2075.77	-805.83	2829.99	-72.61
56708	24.66	8.70	-10.50	6270.50	-107.37	270.92	207.79	1223.62	135.20
56709	26.20	8.70	-10.50	4571.07	-5.88	180.69	120.24	888.84	0.89
56710	27.73	8.70	-10.50	3329.81	-27.65	70.62	138.09	672.23	-10.40
56711	29.26	8.70	-10.50	2430.89	-14.72	28.20	151.28	551.86	-16.34
56712	30.79	8.70	-10.50	1743.26	-10.45	4.02	164.10	494.39	-13.46
56713	32.33	8.70	-10.50	1172.32	-6.41	-5.16	172.55	473.90	-10.02
56714	33.86	8.70	-10.50	657.15	-4.18	-7.78	177.96	470.77	-7.27
56715	35.39	8.70	-10.50	164.86	-2.79	-7.35	181.22	474.06	-5.41
56716	36.93	8.70	-10.50	-320.04	-1.95	-5.74	183.10	478.17	-4.20
56717	38.46	8.70	-10.50	-803.26	-1.36	-3.73	184.06	480.50	-3.37
56718	39.99	8.70	-10.50	-1285.81	-0.81	-1.65	184.33	480.11	-2.64
56719	41.52	8.70	-10.50	-1767.50	-0.11	0.32	183.93	477.07	-1.76
56720	43.06	8.70	-10.50	-2249.93	0.98	1.80	182.65	472.59	-0.42
56721	44.59	8.70	-10.50	-2740.40	2.83	1.89	180.00	469.73	1.74
56722	46.12	8.70	-10.50	-3257.99	5.83	-1.67	175.07	475.19	5.03
56723	47.66	8.70	-10.50	-3842.69	11.23	-13.36	166.88	502.24	9.24
56724	49.19	8.70	-10.50	-4567.97	17.38	-44.48	154.23	575.35	12.72
56725	50.72	8.70	-10.50	-5546.23	34.85	-98.46	143.60	726.99	4.45
56726	52.25	8.70	-10.50	-6930.38	13.10	-246.73	135.09	1002.07	-7.92
56727	53.79	8.70	-10.50	-8860.15	146.21	-372.32	270.83	1464.66	-174.10

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
56728	55.32	8.70	-10.50	-13252.30	-1002.93	-3204.84	-846.75	3863.30	71.08
56729	56.42	-8.10	1.75	4863.47	-51.28	-1056.01	140.96	1003.80	-84.80
56730	56.65	-8.70	1.75	4935.34	-16.75	-710.07	42.77	754.53	-57.38
56731	57.53	-8.10	1.75	4891.78	-64.46	-1009.02	59.66	163.17	-131.64
56732	57.78	-8.70	1.75	4885.43	-22.15	-584.27	31.09	2.85	-97.13
56733	58.64	-8.10	1.75	4816.57	-56.49	-750.77	-7.11	-479.73	-126.98
56734	58.90	-8.70	1.75	4725.25	-4.51	-367.63	-7.02	-498.86	-76.02
56735	59.75	-8.10	1.75	4777.91	-42.28	-445.82	-121.46	-897.48	-36.19
56736	60.03	-8.70	1.75	4563.29	-60.87	-158.51	30.03	-820.53	-41.15
56737	60.87	-8.10	1.75	4590.38	209.00	-50.62	-111.02	-1162.58	-108.99
56738	61.16	-8.70	1.75	4915.09	229.34	107.04	-501.99	-1014.12	16.21
56739	56.38	-8.10	0.25	3991.65	97.51	-1676.10	-0.64	1073.12	-147.03
56740	56.61	-8.70	0.25	3913.15	111.25	-1702.01	49.82	862.60	6.31
56741	57.41	-8.10	0.25	3924.30	87.52	-1423.76	7.85	58.34	-185.59
56742	57.65	-8.70	0.25	3706.42	103.56	-1431.31	36.83	-62.39	-80.10
56743	58.44	-8.10	0.25	3772.79	52.10	-919.09	23.28	-534.81	-164.80
56744	58.69	-8.70	0.25	3515.14	68.00	-958.31	26.94	-548.77	-87.28
56745	59.46	-8.10	0.25	3710.16	21.97	-586.80	-17.32	-844.31	-80.60
56746	59.74	-8.70	0.25	3424.05	15.66	-559.29	71.94	-840.07	-67.22
56747	60.49	-8.10	0.25	3570.25	95.56	-281.20	67.64	-1079.94	-267.56
56748	60.78	-8.70	0.25	3823.04	185.67	-204.02	-360.70	-979.24	-68.33
56749	56.33	-8.10	-1.25	2835.60	-445.54	-2636.36	188.07	901.55	224.64
56750	56.57	-8.70	-1.25	2677.39	-524.49	-3082.29	51.26	804.19	-442.06
56751	57.28	-8.10	-1.25	2728.60	-411.23	-1787.36	26.97	-88.24	20.83
56752	57.52	-8.70	-1.25	2441.60	-533.55	-2397.24	-84.55	-239.66	-415.62
56753	58.23	-8.10	-1.25	2609.22	-260.33	-1010.85	-65.48	-525.49	-14.27
56754	58.48	-8.70	-1.25	2300.89	-314.45	-1569.34	-189.40	-696.09	-243.09
56755	59.17	-8.10	-1.25	2520.68	-148.35	-549.08	-97.40	-719.70	-21.32
56756	59.44	-8.70	-1.25	2208.18	-275.22	-1077.00	-211.67	-976.55	-227.18
56757	60.12	-8.10	-1.25	2330.77	-206.32	-351.78	-182.12	-863.65	-331.61
56758	60.40	-8.70	-1.25	2413.89	-247.65	-734.49	-535.15	-998.85	-370.42
56759	23.34	-8.10	1.75	-2307.08	19.76	649.14	291.93	2297.90	34.34
56760	23.13	-8.70	1.75	-2416.66	5.12	525.80	93.32	1962.46	22.59
56761	24.85	-8.10	1.75	-1984.66	4.61	482.02	328.44	2645.66	28.07
56762	24.66	-8.70	1.75	-2092.98	0.88	416.07	95.94	2320.65	8.89
56763	26.37	-8.10	1.75	-1655.33	-3.76	308.97	356.88	2899.68	2.97
56764	26.19	-8.70	1.75	-1738.09	0.40	291.61	104.11	2583.69	-1.44
56765	27.88	-8.10	1.75	-1335.39	-12.57	175.94	384.61	3078.25	-8.91
56766	27.73	-8.70	1.75	-1389.87	-3.01	200.77	113.36	2768.35	-7.11
56767	29.39	-8.10	1.75	-1008.74	-16.85	88.05	407.89	3210.80	-15.25
56768	29.26	-8.70	1.75	-1043.18	-5.05	145.98	123.51	2905.22	-8.64
56769	30.91	-8.10	1.75	-670.02	-17.99	32.98	426.01	3308.13	-17.65
56770	30.79	-8.70	1.75	-692.94	-5.68	110.18	131.64	3007.84	-8.90
56771	32.42	-8.10	1.75	-320.29	-16.97	1.13	439.21	3377.21	-17.52
56772	32.33	-8.70	1.75	-336.55	-5.42	83.03	137.60	3083.42	-8.34
56773	33.93	-8.10	1.75	37.72	-14.31	-14.29	448.35	3423.74	-15.35
56774	33.86	-8.70	1.75	25.69	-4.58	59.53	141.75	3136.75	-7.12
56775	35.44	-8.10	1.75	401.37	-10.38	-18.24	454.17	3452.39	-11.52
56776	35.39	-8.70	1.75	392.25	-3.36	37.63	144.47	3171.60	-5.28
56777	36.96	-8.10	1.75	768.49	-5.51	-14.80	457.23	3466.53	-6.43
56778	36.93	-8.70	1.75	761.48	-1.87	16.40	145.98	3190.79	-2.89
56779	38.47	-8.10	1.75	1137.39	-0.05	-7.69	457.83	3468.16	-0.57
56780	38.46	-8.70	1.75	1132.11	-0.21	-4.95	146.40	3196.03	-0.13
56781	39.98	-8.10	1.75	1506.62	5.60	-0.54	456.05	3457.80	5.52
56782	39.99	-8.70	1.75	1503.20	1.50	-27.25	145.75	3187.70	2.78
56783	41.49	-8.10	1.75	1874.77	11.05	3.11	451.78	3434.50	11.28
56784	41.52	-8.70	1.75	1873.88	3.16	-51.37	144.02	3164.67	5.55
56785	43.01	-8.10	1.75	2240.24	15.87	-0.22	444.73	3395.76	16.13
56786	43.06	-8.70	1.75	2242.93	4.65	-77.93	141.11	3124.30	7.94
56787	44.52	-8.10	1.75	2600.88	19.66	-13.90	434.40	3337.60	19.50
56788	44.59	-8.70	1.75	2608.34	5.89	-107.09	136.85	3062.67	9.70
56789	46.03	-8.10	1.75	2953.63	22.05	-41.20	420.01	3254.56	20.96
56790	46.12	-8.70	1.75	2967.04	6.75	-138.62	130.96	2974.86	10.67
56791	47.54	-8.10	1.75	3294.06	22.70	-85.70	400.53	3139.93	20.11
56792	47.66	-8.70	1.75	3314.98	7.09	-172.59	122.97	2855.35	10.80
56793	49.06	-8.10	1.75	3616.08	21.10	-152.50	374.66	2986.09	16.57
56794	49.19	-8.70	1.75	3647.89	6.64	-211.27	112.22	2698.05	9.99
56795	50.57	-8.10	1.75	3912.64	16.26	-250.43	341.24	2784.79	9.10
56796	50.72	-8.70	1.75	3963.17	4.72	-262.69	98.06	2495.47	7.96
56797	52.08	-8.10	1.75	4179.88	5.48	-395.43	300.13	2526.04	-4.45
56798	52.26	-8.70	1.75	4260.69	0.47	-346.42	82.59	2234.85	1.51
56799	53.60	-8.10	1.75	4428.45	-9.02	-599.41	254.87	2182.74	-35.91
56800	53.79	-8.70	1.75	4542.43	-2.56	-476.84	69.25	1885.38	-12.55
56801	55.11	-8.10	1.75	4657.22	-26.96	-837.57	204.23	1726.29	-53.00
56802	55.32	-8.70	1.75	4782.02	-4.75	-616.72	55.04	1411.10	-30.53
56803	23.34	-8.10	0.25	-1731.54	-39.17	1103.04	-28.40	2615.61	37.44
56804	23.13	-8.70	0.25	-1785.61	-36.74	1145.93	5.81	2487.24	-19.63
56805	24.86	-8.10	0.25	-1349.81	12.36	805.84	-63.42	2953.26	1.60
56806	24.66	-8.70	0.25	-1428.36	11.08	840.90	-1.14	2890.09	16.02
56807	26.37	-8.10	0.25	-1071.57	3.35	542.48	-71.34	3146.70	5.11
56808	26.20	-8.70	0.25	-1138.06	3.11	559.84	-14.33	3105.58	2.86
56809	27.88	-8.10	0.25	-823.08	4.26	371.17	-75.26	3301.62	0.09
56810	27.73	-8.70	0.25	-873.48	1.43	395.92	-12.20	3282.18	-0.97
56811	29.39	-8.10	0.25	-577.31	4.15	249.14	-76.57	3424.17	-4.08
56812	29.26	-8.70	0.25	-620.27	0.65	286.52	-10.70	3432.02	-6.66
56813	30.91	-8.10	0.25	-329.75	4.04	161.68	-77.66	3515.77	-7.08
56814	30.79	-8.70	0.25	-368.12	0.44	206.80	-9.36	3553.74	-10.08
56815	32.42	-8.10	0.25	-80.71	3.74	99.55	-78.55	3580.61	-8.22
56816	32.33	-8.70	0.25	-114.52	0.45	144.83	-8.56	3646.32	-11.26
56817	33.93	-8.10	0.25	168.65	3.13	56.34	-79.22	3623.74	-7.79
56818	33.86	-8.70	0.25	140.41	0.44	95.42	-8.09	3712.06	-10.46
56819	35.44	-8.10	0.25	417.71	2.25	26.76	-79.61	3649.91	-6.09
56820	35.39	-8.70	0.25	395.78	0.35	55.46	-7.76	3754.82	-8.09
56821	36.96	-8.10	0.25	666.52	1.17	5.96	-79.76	3662.77	-3.49
56822	36.93	-8.70	0.25	651.07	0.20	22.05	-7.55	3778.45	-4.61
56823	38.47	-8.10	0.25	915.52	-0.03	-10.78	-79.74	3664.51	-0.37
56824	38.46	-8.70	0.25	906.57	0.01	-8.24	-7.49	3785.66	-0.47
56825	39.98	-8.10	0.25	1165.32	-1.28	-28.15	-79.61	3655.75	2.92
56826	39.99	-8.70	0.25	1163.27	-0.19	-39.34	-7.62	3777.37	3.87

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
56827	41.49	-8.10	0.25	1416.67	-2.51	-50.82	-79.32	3635.54	6.02
56828	41.52	-8.70	0.25	1422.38	-0.41	-75.41	-7.93	3752.36	7.97
56829	43.01	-8.10	0.25	1670.35	-3.64	-83.40	-78.73	3601.26	8.53
56830	43.06	-8.70	0.25	1684.86	-0.62	-120.34	-8.30	3707.12	11.33
56831	44.52	-8.10	0.25	1927.02	-4.54	-130.31	-77.66	3548.44	10.04
56832	44.59	-8.70	0.25	1950.74	-0.76	-177.27	-8.63	3636.12	13.45
56833	46.03	-8.10	0.25	2186.76	-5.09	-195.78	-76.01	3470.74	10.09
56834	46.12	-8.70	0.25	2218.81	-0.76	-248.35	-8.92	3532.29	13.77
56835	47.54	-8.10	0.25	2448.34	-5.19	-283.93	-73.79	3360.06	8.26
56836	47.66	-8.70	0.25	2486.55	-0.60	-335.07	-9.35	3388.01	11.75
56837	49.06	-8.10	0.25	2708.50	-4.81	-399.45	-71.09	3207.27	4.01
56838	49.19	-8.70	0.25	2750.82	-0.43	-440.07	-10.29	3196.46	6.89
56839	50.57	-8.10	0.25	2962.14	-4.47	-549.70	-68.19	3003.40	-2.62
56840	50.72	-8.70	0.25	3008.93	-0.66	-572.12	-11.61	2954.30	-1.67
56841	52.08	-8.10	0.25	3203.52	-1.76	-748.22	-63.81	2742.54	-11.80
56842	52.25	-8.70	0.25	3263.45	-1.21	-754.75	-14.81	2661.62	-9.52
56843	53.59	-8.10	0.25	3436.16	-10.16	-1042.14	-55.07	2424.49	-11.22
56844	53.79	-8.70	0.25	3518.34	-10.00	-1063.38	-9.51	2313.31	-26.29
56845	55.11	-8.10	0.25	3708.81	25.07	-1417.35	-36.99	1974.84	-49.34
56846	55.32	-8.70	0.25	3779.72	26.70	-1466.40	21.87	1769.53	5.08
56847	23.34	-8.10	-1.25	-1003.74	196.19	1716.03	30.12	3157.95	-212.60
56848	23.13	-8.70	-1.25	-947.30	181.56	1845.24	109.63	3040.19	64.01
56849	24.86	-8.10	-1.25	-727.64	-29.28	1007.43	13.35	3289.11	34.22
56850	24.66	-8.70	-1.25	-800.53	-19.65	1084.29	-25.60	3205.59	-30.62
56851	26.37	-8.10	-1.25	-548.73	2.56	741.22	14.05	3447.98	1.33
56852	26.20	-8.70	-1.25	-599.77	1.26	796.41	4.92	3357.66	14.03
56853	27.88	-8.10	-1.25	-363.52	-1.03	547.91	16.21	3599.09	0.45
56854	27.73	-8.70	-1.25	-431.88	-0.27	595.40	1.21	3516.79	-0.48
56855	29.39	-8.10	-1.25	-185.98	-0.18	399.13	15.22	3716.91	-6.07
56856	29.26	-8.70	-1.25	-262.97	0.45	442.06	-0.01	3666.54	-4.60
56857	30.91	-8.10	-1.25	-18.50	0.29	282.17	14.25	3803.09	-9.24
56858	30.79	-8.70	-1.25	-94.51	1.06	316.43	-1.58	3788.74	-8.39
56859	32.42	-8.10	-1.25	137.95	0.43	191.08	13.39	3861.96	-10.37
56860	32.33	-8.70	-1.25	70.71	1.21	215.30	-2.94	3879.98	-9.60
56861	33.93	-8.10	-1.25	284.47	0.38	121.31	12.88	3899.80	-9.48
56862	33.86	-8.70	-1.25	230.55	1.09	136.25	-3.76	3942.56	-8.90
56863	35.44	-8.10	-1.25	423.63	0.27	67.88	12.72	3922.22	-7.20
56864	35.39	-8.70	-1.25	384.26	0.80	75.98	-4.10	3981.73	-6.79
56865	36.96	-8.10	-1.25	558.39	0.17	25.34	12.73	3933.28	-4.08
56866	36.93	-8.70	-1.25	532.95	0.45	29.34	-4.16	4002.92	-3.86
56867	38.47	-8.10	-1.25	691.59	0.11	-12.16	12.67	3935.38	-0.52
56868	38.46	-8.70	-1.25	679.25	0.11	-10.23	-4.22	4010.04	-0.51
56869	39.98	-8.10	-1.25	825.91	0.04	-50.70	12.41	3929.32	3.18
56870	39.99	-8.70	-1.25	826.89	-0.25	-50.16	-4.43	4004.71	2.98
56871	41.49	-8.10	-1.25	964.11	-0.08	-96.54	11.97	3914.28	6.77
56872	41.52	-8.70	-1.25	980.12	-0.66	-98.28	-4.75	3985.94	6.38
56873	43.01	-8.10	-1.25	1109.45	-0.27	-155.88	11.56	3887.74	9.96
56874	43.06	-8.70	-1.25	1143.06	-1.12	-162.35	-4.96	3949.88	9.38
56875	44.52	-8.10	-1.25	1265.95	-0.52	-234.73	11.46	3845.20	12.26
56876	44.59	-8.70	-1.25	1319.12	-1.55	-249.42	-4.71	3889.94	11.52
56877	46.03	-8.10	-1.25	1438.22	-0.71	-338.61	11.95	3779.73	13.04
56878	46.12	-8.70	-1.25	1510.29	-1.81	-365.01	-3.71	3797.19	12.09
56879	47.54	-8.10	-1.25	1630.83	-0.65	-472.24	13.06	3681.87	11.46
56880	47.66	-8.70	-1.25	1716.80	-1.77	-512.42	-1.89	3661.78	10.45
56881	49.06	-8.10	-1.25	1847.11	-0.48	-639.35	14.52	3539.91	7.34
56882	49.19	-8.70	-1.25	1937.43	-1.26	-693.49	0.63	3475.58	5.38
56883	50.57	-8.10	-1.25	2088.44	1.50	-844.01	16.47	3342.44	-1.71
56884	50.72	-8.70	-1.25	2170.52	-0.02	-910.08	2.99	3234.55	-0.33
56885	52.08	-8.10	-1.25	2355.94	-5.47	-1097.65	17.80	3076.98	-6.17
56886	52.25	-8.70	-1.25	2414.69	-3.25	-1182.44	8.72	2949.21	-23.98
56887	53.59	-8.10	-1.25	2640.30	30.42	-1422.32	5.36	2744.55	-59.80
56888	53.79	-8.70	-1.25	2707.52	20.72	-1549.23	-8.31	2630.25	11.86
56889	55.11	-8.10	-1.25	3026.41	-138.84	-2232.85	100.76	2378.46	227.02
56890	55.32	-8.70	-1.25	3003.17	-143.28	-2446.17	35.21	2232.18	-69.75
56891	17.58	-8.10	1.75	-3310.46	-192.33	-1267.91	-14.41	877.51	-307.05
56892	17.29	-8.70	1.75	-3541.61	-170.99	-1112.26	-347.72	802.05	-119.50
56893	18.70	-8.10	1.75	-3362.53	-90.56	-844.62	107.87	982.14	-145.91
56894	18.42	-8.70	1.75	-3098.78	4.87	-506.07	78.24	930.80	-81.13
56895	19.81	-8.10	1.75	-3170.70	-41.76	-180.90	206.43	1001.39	-28.30
56896	19.55	-8.70	1.75	-3012.49	-33.74	-53.48	83.54	904.85	0.63
56897	20.92	-8.10	1.75	-2948.43	9.18	394.48	223.46	1252.46	42.63
56898	20.67	-8.70	1.75	-2906.56	-0.86	318.14	101.46	1054.54	41.71
56899	22.03	-8.10	1.75	-2664.97	26.46	693.94	257.04	1772.88	41.77
56900	21.80	-8.70	1.75	-2713.92	11.30	540.05	94.74	1496.38	36.64
56901	17.96	-8.10	0.25	-2490.93	-54.69	-990.48	36.27	1066.00	-172.70
56902	17.67	-8.70	0.25	-2642.66	-109.12	-1138.14	-251.74	931.90	-53.88
56903	18.99	-8.10	0.25	-2463.71	36.52	-601.05	-36.17	992.48	-8.26
56904	18.71	-8.70	0.25	-2298.52	35.61	-610.89	4.64	1054.93	-59.62
56905	20.01	-8.10	0.25	-2368.20	-24.14	-13.49	5.35	1000.18	13.68
56906	19.76	-8.70	0.25	-2194.56	-28.90	24.54	-18.37	1107.63	-15.44
56907	21.04	-8.10	0.25	-2277.45	-56.07	694.62	0.78	1255.03	87.05
56908	20.80	-8.70	0.25	-2112.31	-62.47	709.66	-4.72	1292.44	12.40
56909	22.07	-8.10	0.25	-2111.17	-87.23	1169.79	1.41	1921.35	100.73
56910	21.84	-8.70	0.25	-2039.83	-99.36	1180.29	9.64	1839.43	-29.83
56911	18.33	-8.10	-1.25	-1770.28	-125.30	-907.95	-91.43	1224.62	-88.51
56912	18.05	-8.70	-1.25	-1876.65	-167.78	-1133.69	-107.74	1056.04	-71.16
56913	19.28	-8.10	-1.25	-1676.43	24.88	-448.96	-184.02	1189.38	10.46
56914	19.01	-8.70	-1.25	-1615.04	9.47	-611.10	0.87	1066.04	-71.01
56915	20.22	-8.10	-1.25	-1553.74	119.78	149.32	-179.84	1191.74	-25.08
56916	19.97	-8.70	-1.25	-1439.88	105.32	171.60	-36.05	1122.62	29.39
56917	21.17	-8.10	-1.25	-1448.51	284.72	976.43	-127.32	1374.34	-22.05
56918	20.93	-8.70	-1.25	-1270.85	324.38	1183.86	25.46	1331.71	207.87
56919	22.12	-8.10	-1.25	-1244.92	406.05	1898.66	24.16	2023.12	-172.14
56920	21.88	-8.70	-1.25	-1093.04	467.78	2128.54	139.75	1986.02	351.32
56921	23.35	-8.10	-2.70	-582.85	177.35	1519.95	62.75	3441.75	-423.97
56922	23.13	-8.70	-2.70	-364.94	181.76	1597.87	108.71	3297.29	115.68
56923	24.86	-8.10	-2.70	-296.07	-43.82	1174.03	17.90	3471.21	90.00
56924	24.66	-8.70	-2.70	-295.62	-34.79	1276.79	-9.08	3401.82	-27.46
56925	26.37	-8.10	-2.70	-117.68	4.35	918.60	10.04	3637.59	-6.71



Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
56926	26.20	-8.70	-2.70	-158.42	-0.12	1005.57	22.69	3543.79	21.64
56927	27.88	-8.10	-2.70	43.93	-0.90	712.31	8.21	3776.63	-2.27
56928	27.73	-8.70	-2.70	-52.47	-1.16	781.42	11.98	3703.71	-7.54
56929	29.39	-8.10	-2.70	173.41	1.37	536.29	1.68	3878.24	-10.11
56930	29.26	-8.70	-2.70	53.38	0.84	581.19	6.95	3847.54	-8.96
56931	30.91	-8.10	-2.70	271.46	2.08	389.13	-3.32	3946.86	-12.05
56932	30.79	-8.70	-2.70	153.03	2.07	408.25	1.66	3956.08	-12.53
56933	32.42	-8.10	-2.70	341.35	2.01	269.85	-6.74	3989.72	-11.91
56934	32.33	-8.70	-2.70	240.60	2.14	268.58	-1.88	4029.84	-12.16
56935	33.93	-8.10	-2.70	389.63	1.57	175.68	-8.43	4015.08	-9.86
56936	33.86	-8.70	-2.70	312.90	1.72	163.15	-3.58	4075.08	-10.14
56937	35.44	-8.10	-2.70	423.55	1.03	101.79	-8.92	4029.15	-6.99
56938	35.39	-8.70	-2.70	370.42	1.14	87.26	-4.04	4100.33	-7.18
56939	36.96	-8.10	-2.70	449.42	0.54	41.85	-8.90	4036.01	-3.84
56940	36.93	-8.70	-2.70	416.76	0.62	32.60	-3.98	4112.88	-3.94
56941	38.47	-8.10	-2.70	472.25	0.11	-11.35	-8.89	4038.02	-0.64
56942	38.46	-8.70	-2.70	457.39	0.17	-10.84	-3.95	4117.51	-0.66
56943	39.98	-8.10	-2.70	496.24	-0.31	-65.57	-9.14	4036.05	2.58
56944	39.99	-8.70	-2.70	498.86	-0.26	-53.82	-4.21	4116.39	2.65
56945	41.49	-8.10	-2.70	525.60	-0.82	-128.89	-9.62	4029.68	5.89
56946	41.52	-8.70	-2.70	548.33	-0.80	-107.51	-4.75	4109.04	6.05
56947	43.01	-8.10	-2.70	565.49	-1.46	-209.48	-10.01	4017.06	9.26
56948	43.06	-8.70	-2.70	613.27	-1.51	-183.42	-5.23	4092.13	9.52
56949	44.52	-8.10	-2.70	622.91	-2.22	-315.31	-9.69	3994.53	12.42
56950	44.59	-8.70	-2.70	700.94	-2.36	-293.02	-4.98	4059.14	12.79
56951	46.03	-8.10	-2.70	707.37	-2.95	-453.59	-7.85	3955.99	14.76
56952	46.12	-8.70	-2.70	817.54	-3.09	-446.44	-3.14	4000.15	15.11
56953	47.54	-8.10	-2.70	830.79	-3.20	-629.93	-3.73	3892.31	15.00
56954	47.66	-8.70	-2.70	967.03	-3.36	-650.16	1.01	3902.93	15.63
56955	49.06	-8.10	-2.70	1006.20	-3.32	-847.34	2.61	3791.08	12.85
56956	49.19	-8.70	-2.70	1150.55	-2.58	-904.30	7.90	3756.91	11.67
56957	50.57	-8.10	-2.70	1245.95	1.08	-1105.03	11.23	3640.28	3.90
56958	50.72	-8.70	-2.70	1369.08	0.02	-1202.97	15.13	3557.79	9.69
56959	52.08	-8.10	-2.70	1566.82	-10.47	-1401.83	23.20	3431.88	7.85
56960	52.25	-8.70	-2.70	1625.85	-4.13	-1540.94	28.14	3326.22	-22.75
56961	53.59	-8.10	-2.70	2001.01	28.94	-1752.51	9.44	3179.94	-97.82
56962	53.79	-8.70	-2.70	1953.05	24.27	-1935.28	52.48	3114.22	30.02
56963	55.10	-8.10	-2.70	2616.87	53.60	-2077.84	237.20	3121.81	484.92
56964	55.32	-8.70	-2.70	2436.73	11.57	-2213.51	-108.59	2984.75	-98.20
56965	23.35	-8.10	-4.10	-177.99	22.90	1298.77	93.25	3737.17	-490.69
56966	23.13	-8.70	-4.10	179.38	58.41	1416.94	58.81	3557.91	155.97
56967	24.86	-8.10	-4.10	101.19	-27.65	1265.97	48.98	3702.99	75.84
56968	24.66	-8.70	-4.10	193.48	-27.31	1368.33	38.41	3618.15	-64.51
56969	26.37	-8.10	-4.10	315.34	-0.50	1077.80	31.86	3795.67	-16.31
56970	26.20	-8.70	-4.10	256.08	-1.26	1178.24	33.21	3712.74	12.13
56971	27.88	-8.10	-4.10	461.39	-0.20	860.79	21.06	3894.86	-13.55
56972	27.73	-8.70	-4.10	315.01	0.58	923.42	16.76	3845.74	-18.84
56973	29.39	-8.10	-4.10	542.41	2.71	654.96	8.82	3958.65	-20.02
56974	29.26	-8.70	-4.10	369.49	3.41	671.78	4.74	3960.49	-19.09
56975	30.91	-8.10	-4.10	565.53	3.40	475.15	0.50	3994.05	-18.50
56976	30.79	-8.70	-4.10	407.12	4.27	453.37	-4.23	4031.94	-18.97
56977	32.42	-8.10	-4.10	543.52	2.87	328.01	-3.78	4010.42	-14.89
56978	32.33	-8.70	-4.10	418.77	3.61	283.81	-8.74	4067.85	-15.04
56979	33.93	-8.10	-4.10	491.12	2.01	212.65	-5.07	4016.63	-10.55
56980	33.86	-8.70	-4.10	402.64	2.53	163.18	-10.02	4081.28	-10.68
56981	35.44	-8.10	-4.10	420.53	1.20	123.61	-4.83	4018.32	-6.66
56982	35.39	-8.70	-4.10	362.82	1.51	82.31	-9.70	4083.81	-6.71
56983	36.96	-8.10	-4.10	340.52	0.58	52.97	-4.20	4018.81	-3.43
56984	36.93	-8.70	-4.10	306.43	0.74	28.65	-8.99	4083.07	-3.44
56985	38.47	-8.10	-4.10	257.10	0.10	-8.38	-3.87	4019.92	-0.67
56986	38.46	-8.70	-4.10	241.59	0.16	-10.84	-8.62	4083.39	-0.66
56987	39.98	-8.10	-4.10	174.76	-0.36	-70.10	-4.15	4022.45	1.96
56988	39.99	-8.70	-4.10	176.71	-0.39	-49.00	-8.92	4086.72	1.97
56989	41.49	-8.10	-4.10	97.82	-0.92	-142.24	-5.03	4026.51	4.86
56990	41.52	-8.70	-4.10	120.62	-1.07	-98.80	-9.88	4093.32	4.89
56991	43.01	-8.10	-4.10	31.84	-1.72	-235.18	-6.16	4031.40	8.43
56992	43.06	-8.70	-4.10	82.95	-2.04	-174.18	-11.14	4101.57	8.49
56993	44.52	-8.10	-4.10	-14.86	-2.79	-359.34	-6.77	4035.19	12.88
56994	44.59	-8.70	-4.10	74.29	-3.36	-290.39	-11.89	4107.03	13.03
56995	46.03	-8.10	-4.10	-29.66	-4.02	-524.35	-5.51	4034.01	18.05
56996	46.12	-8.70	-4.10	105.38	-4.85	-462.98	-10.68	4101.10	18.23
56997	47.54	-8.10	-4.10	5.47	-4.84	-737.28	-0.55	4021.01	22.68
56998	47.66	-8.70	-4.10	184.88	-5.94	-704.30	-5.58	4070.26	23.18
56999	49.06	-8.10	-4.10	113.39	-4.79	-999.61	9.52	3985.34	25.24
57000	49.19	-8.70	-4.10	315.94	-5.44	-1015.86	5.27	3998.88	24.42
57001	50.57	-8.10	-4.10	316.70	-0.28	-1301.53	24.48	3915.76	20.09
57002	50.72	-8.70	-4.10	493.89	-1.85	-1378.63	20.81	3878.32	25.52
57003	52.08	-8.10	-4.10	632.66	-1.02	-1619.65	45.02	3807.58	26.29
57004	52.25	-8.70	-4.10	708.04	1.16	-1748.65	38.68	3739.21	-1.96
57005	53.59	-8.10	-4.10	1081.64	10.48	-1884.14	42.89	3726.22	-57.37
57006	53.79	-8.70	-4.10	935.24	13.62	-2011.87	88.30	3648.73	93.09
57007	55.10	-8.10	-4.10	1535.60	184.70	-1873.08	177.77	3794.10	531.93
57008	55.32	-8.70	-4.10	1247.55	138.24	-2000.03	-132.19	3614.14	-174.44
57009	23.35	-8.10	-5.50	565.52	123.02	1275.21	46.45	3784.16	-421.15
57010	23.13	-8.70	-5.50	1087.78	138.60	1360.03	176.48	3578.99	188.74
57011	24.86	-8.10	-5.50	740.36	-40.28	1355.86	70.87	3840.01	35.40
57012	24.66	-8.70	-5.50	842.81	-53.78	1414.33	47.73	3709.97	-78.81
57013	26.37	-8.10	-5.50	886.39	-1.60	1225.42	27.41	3900.89	-47.51
57014	26.20	-8.70	-5.50	773.18	-11.28	1273.31	56.06	3836.55	-13.84
57015	27.88	-8.10	-5.50	976.53	3.66	994.00	2.77	3946.64	-39.83
57016	27.73	-8.70	-5.50	755.06	-0.96	981.82	22.37	3941.26	-40.56
57017	29.39	-8.10	-5.50	973.70	5.36	747.25	-17.31	3955.39	-36.42
57018	29.26	-8.70	-5.50	747.03	4.19	676.98	2.22	3997.70	-33.68
57019	30.91	-8.10	-5.50	892.27	4.83	529.67	-26.16	3943.48	-25.91
57020	30.79	-8.70	-5.50	708.55	4.80	426.73	-7.79	4003.27	-25.57
57021	32.42	-8.10	-5.50	758.66	3.31	356.07	-28.20	3924.49	-16.49
57022	32.33	-8.70	-5.50	628.27	3.62	247.68	-10.45	3982.94	-16.34
57023	33.93	-8.10	-5.50	594.59	2.00	225.26	-26.99	3906.32	-9.49
57024	33.86	-8.70	-5.50	509.92	2.27	130.74	-9.55	3955.70	-9.51

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
57025	35.44	-8.10	-5.50	414.66	1.07	128.98	-24.89	3892.76	-4.97
57026	35.39	-8.70	-5.50	363.15	1.23	59.42	-7.60	3932.43	-4.99
57027	36.96	-8.10	-5.50	227.64	0.48	56.30	-23.15	3885.40	-2.22
57028	36.93	-8.70	-5.50	198.31	0.56	17.17	-5.90	3917.85	-2.22
57029	38.47	-8.10	-5.50	38.58	0.12	-4.22	-22.33	3884.83	-0.47
57030	38.46	-8.70	-5.50	24.58	0.14	-10.45	-5.08	3913.63	-0.43
57031	39.98	-8.10	-5.50	-149.42	-0.18	-63.98	-22.68	3891.50	0.99
57032	39.99	-8.70	-5.50	-149.88	-0.22	-36.17	-5.35	3920.60	1.07
57033	41.49	-8.10	-5.50	-333.61	-0.59	-134.59	-24.23	3906.08	2.84
57034	41.52	-8.70	-5.50	-316.99	-0.71	-72.47	-6.76	3939.73	2.98
57035	43.01	-8.10	-5.50	-509.98	-1.29	-228.43	-26.79	3929.43	5.89
57036	43.06	-8.70	-5.50	-467.37	-1.54	-133.31	-9.09	3972.16	6.08
57037	44.52	-8.10	-5.50	-671.58	-2.43	-358.83	-29.77	3962.13	11.08
57038	44.59	-8.70	-5.50	-589.36	-2.85	-235.63	-11.71	4017.86	11.30
57039	46.03	-8.10	-5.50	-806.26	-4.05	-539.32	-31.76	4003.59	19.36
57040	46.12	-8.70	-5.50	-668.88	-4.59	-399.66	-13.10	4073.17	19.45
57041	47.54	-8.10	-5.50	-894.20	-5.90	-780.87	-29.99	4050.49	30.89
57042	47.66	-8.70	-5.50	-691.63	-6.14	-646.31	-10.32	4127.05	30.80
57043	49.06	-8.10	-5.50	-906.30	-6.86	-1086.47	-20.22	4094.46	44.45
57044	49.19	-8.70	-5.50	-649.57	-5.67	-987.83	1.19	4158.31	41.90
57045	50.57	-8.10	-5.50	-807.81	-4.19	-1438.69	2.17	4119.11	51.78
57046	50.72	-8.70	-5.50	-552.65	0.79	-1403.76	24.84	4136.32	52.44
57047	52.08	-8.10	-5.50	-584.56	3.47	-1779.70	32.50	4103.50	63.94
57048	52.25	-8.70	-5.50	-448.25	14.65	-1805.19	59.13	4054.86	29.60
57049	53.59	-8.10	-5.50	-290.60	28.86	-1996.04	64.27	4064.79	-13.89
57050	53.79	-8.70	-5.50	-406.55	45.47	-2019.87	69.09	3918.54	102.67
57051	55.10	-8.10	-5.50	-49.06	-18.41	-1917.10	56.94	3967.44	407.50
57052	55.32	-8.70	-5.50	-485.72	-30.73	-1962.54	80.74	3782.55	-243.81
57053	23.35	-8.10	-6.90	1492.12	147.31	1424.88	99.41	3597.76	-331.30
57054	23.13	-8.70	-6.90	2165.50	227.33	1506.62	353.33	3421.44	192.16
57055	24.86	-8.10	-6.90	1606.21	-98.12	1576.70	189.99	3773.67	16.92
57056	24.66	-8.70	-6.90	1623.98	-62.38	1518.94	69.18	3685.24	-149.19
57057	26.37	-8.10	-6.90	1662.33	-28.44	1430.16	113.40	3866.14	-77.76
57058	26.20	-8.70	-6.90	1425.33	0.49	1287.07	58.41	3906.24	-94.94
57059	27.88	-8.10	-6.90	1631.78	-6.93	1117.57	83.87	3862.04	-61.52
57060	27.73	-8.70	-6.90	1327.71	10.87	902.44	4.35	3973.94	-93.06
57061	29.39	-8.10	-6.90	1477.39	-0.68	798.58	65.98	3804.46	-42.85
57062	29.26	-8.70	-6.90	1222.49	10.25	558.18	-14.99	3935.86	-58.18
57063	30.91	-8.10	-6.90	1247.79	2.35	537.37	61.83	3740.21	-23.98
57064	30.79	-8.70	-6.90	1068.98	7.34	314.55	-18.34	3857.13	-32.82
57065	32.42	-8.10	-6.90	978.96	2.31	343.11	63.25	3684.09	-11.66
57066	32.33	-8.70	-6.90	866.06	4.35	160.25	-15.13	3778.39	-15.91
57067	33.93	-8.10	-6.90	692.75	1.72	207.38	66.27	3641.86	-4.63
57068	33.86	-8.70	-6.90	626.43	2.27	71.09	-10.35	3716.22	-6.62
57069	35.44	-8.10	-6.90	400.73	1.03	114.92	69.14	3614.19	-1.27
57070	35.39	-8.70	-6.90	363.49	1.05	24.07	-6.24	3674.46	-2.13
57071	36.96	-8.10	-6.90	108.15	0.47	50.32	71.21	3599.84	-0.03
57072	36.93	-8.70	-6.90	87.57	0.40	1.56	-3.47	3651.55	-0.40
57073	38.47	-8.10	-6.90	-183.27	0.00	-0.07	72.32	3597.53	0.14
57074	38.46	-8.70	-6.90	-194.24	0.07	-9.25	-2.19	3645.08	-0.03
57075	39.98	-8.10	-6.90	-473.44	-0.47	-48.43	72.45	3606.94	-0.01
57076	39.99	-8.70	-6.90	-476.85	-0.19	-18.30	-2.40	3654.11	-0.06
57077	41.49	-8.10	-6.90	-762.66	-1.06	-106.77	71.58	3629.21	0.17
57078	41.52	-8.70	-6.90	-755.59	-0.58	-34.85	-4.17	3680.13	0.32
57079	43.01	-8.10	-6.90	-1050.42	-1.86	-188.46	69.71	3666.93	1.56
57080	43.06	-8.70	-6.90	-1024.54	-1.37	-69.85	-7.59	3727.18	2.19
57081	44.52	-8.10	-6.90	-1334.00	-2.89	-309.66	67.00	3723.72	5.42
57082	44.59	-8.70	-6.90	-1274.82	-2.84	-138.35	-12.63	3800.78	7.25
57083	46.03	-8.10	-6.90	-1606.27	-3.90	-489.47	64.20	3803.04	13.70
57084	46.12	-8.70	-6.90	-1493.22	-5.36	-261.66	-18.57	3905.40	18.08
57085	47.54	-8.10	-6.90	-1852.44	-4.31	-747.86	63.32	3906.03	28.53
57086	47.66	-8.70	-6.90	-1662.33	-9.00	-468.13	-22.94	4038.98	38.24
57087	49.06	-8.10	-6.90	-2045.56	-1.27	-1097.91	68.92	4027.46	51.56
57088	49.19	-8.70	-6.90	-1764.91	-12.78	-788.61	-20.08	4183.52	69.29
57089	50.57	-8.10	-6.90	-2142.12	5.24	-1534.64	89.59	4149.50	75.57
57090	50.72	-8.70	-6.90	-1798.41	-14.07	-1241.55	1.06	4289.35	111.70
57091	52.08	-8.10	-6.90	-2084.10	32.63	-1987.72	125.05	4206.55	93.76
57092	52.25	-8.70	-6.90	-1801.10	-1.85	-1763.11	57.21	4264.31	119.25
57093	53.59	-8.10	-6.90	-1919.29	88.49	-2272.12	203.38	4122.09	-0.94
57094	53.79	-8.70	-6.90	-1906.56	51.38	-2137.32	81.23	4017.97	178.88
57095	55.10	-8.10	-6.90	-1730.73	-92.06	-2203.98	89.14	3844.90	290.73
57096	55.32	-8.70	-6.90	-2342.26	-176.87	-2233.33	345.69	3722.41	-265.87
57097	23.35	-8.10	-8.30	2489.69	382.35	1951.70	29.67	3109.99	-373.89
57098	23.13	-8.70	-8.30	3542.74	359.84	1794.00	561.67	3091.33	206.25
57099	24.86	-8.10	-8.30	2706.28	161.55	2231.18	-174.03	3750.50	-321.63
57100	24.66	-8.70	-8.30	2650.01	-22.21	1547.47	2.20	3460.60	-167.46
57101	26.37	-8.10	-8.30	2677.90	168.41	1775.25	-460.88	3926.56	-283.50
57102	26.20	-8.70	-8.30	2346.04	64.15	1074.34	-103.26	3636.18	-99.73
57103	27.88	-8.10	-8.30	2402.30	110.61	1227.98	-540.32	3860.46	-162.81
57104	27.73	-8.70	-8.30	2063.20	41.11	611.11	-183.84	3539.04	-59.65
57105	29.39	-8.10	-8.30	2020.19	60.75	795.37	-556.36	3746.58	-84.58
57106	29.26	-8.70	-8.30	1767.91	24.60	317.26	-196.93	3389.68	-19.99
57107	30.91	-8.10	-8.30	1604.17	31.20	485.58	-542.96	3634.52	-37.23
57108	30.79	-8.70	-8.30	1439.37	12.80	144.18	-190.59	3253.99	-1.22
57109	32.42	-8.10	-8.30	1184.35	14.13	282.81	-523.23	3544.60	-13.02
57110	32.33	-8.70	-8.30	1085.58	6.01	52.00	-179.26	3153.76	6.52
57111	33.93	-8.10	-8.30	772.49	5.72	157.27	-505.88	3481.39	-2.20
57112	33.86	-8.70	-8.30	716.98	2.50	8.53	-168.99	3088.35	7.91
57113	35.44	-8.10	-8.30	371.12	2.03	81.72	-493.58	3442.20	1.45
57114	35.39	-8.70	-8.30	341.37	0.96	-7.72	-161.62	3050.41	6.49
57115	36.96	-8.10	-8.30	-21.53	0.79	35.40	-486.51	3422.57	1.65
57116	36.93	-8.70	-8.30	-36.95	0.43	-10.05	-157.25	3032.13	3.96
57117	38.47	-8.10	-8.30	-408.81	0.70	3.42	-484.25	3419.05	0.32
57118	38.46	-8.70	-8.30	-416.09	0.38	-6.35	-155.58	3028.09	1.04
57119	39.98	-8.10	-8.30	-794.52	1.02	-25.53	-486.62	3430.45	-1.51
57120	39.99	-8.70	-8.30	-795.46	0.49	-1.72	-156.44	3036.15	-2.06
57121	41.49	-8.10	-8.30	-1182.65	1.16	-61.97	-493.96	3458.29	-3.05
57122	41.52	-8.70	-8.30	-1174.82	0.51	-0.54	-160.00	3057.75	-5.28
57123	43.01	-8.10	-8.30	-1577.20	0.28	-118.56	-507.20	3506.89	-3.12

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
57124	43.06	-8.70	-8.30	-1553.39	0.08	-8.49	-166.77	3098.06	-8.34
57125	44.52	-8.10	-8.30	-1981.80	-3.21	-213.09	-527.48	3583.04	0.64
57126	44.59	-8.70	-8.30	-1928.78	-1.45	-34.85	-177.41	3165.88	-10.38
57127	46.03	-8.10	-8.30	-2398.36	-12.08	-371.33	-555.25	3694.67	12.76
57128	46.12	-8.70	-8.30	-2295.64	-5.25	-95.62	-192.10	3272.72	-9.32
57129	47.54	-8.10	-8.30	-2823.85	-31.16	-628.04	-588.05	3847.46	40.89
57130	47.66	-8.70	-8.30	-2644.21	-12.92	-217.24	-209.02	3429.53	-1.02
57131	49.06	-8.10	-8.30	-3244.46	-65.33	-1023.08	-616.00	4038.03	96.83
57132	49.19	-8.70	-8.30	-2961.02	-26.81	-440.69	-221.41	3639.10	20.12
57133	50.57	-8.10	-8.30	-3624.21	-124.77	-1583.36	-612.36	4243.31	190.34
57134	50.72	-8.70	-8.30	-3233.51	-47.00	-821.45	-211.77	3877.82	64.90
57135	52.08	-8.10	-8.30	-3872.66	-192.53	-2325.44	-533.16	4404.37	335.06
57136	52.25	-8.70	-8.30	-3474.83	-75.05	-1446.99	-125.45	4068.85	110.90
57137	53.59	-8.10	-8.30	-3782.81	-199.60	-3036.41	-208.51	4251.22	392.72
57138	53.79	-8.70	-8.30	-3688.66	11.47	-2175.26	2.85	3917.46	180.30
57139	55.10	-8.10	-8.30	-3393.38	-388.83	-2943.18	-14.28	3422.16	358.65
57140	55.32	-8.70	-8.30	-4492.43	-358.90	-2700.17	622.92	3520.14	-305.05
57141	55.10	-2.50	1.75	4663.36	-56.64	-967.02	105.16	1284.56	-26.80
57142	55.18	-3.10	1.75	4666.82	-50.28	-958.54	-53.79	1215.17	17.32
57143	56.14	-2.50	1.75	4818.79	-37.97	-840.96	55.78	516.95	-40.36
57144	56.21	-3.10	1.75	4807.75	-27.34	-788.42	-4.35	454.60	0.01
57145	57.17	-2.50	1.75	4885.02	0.21	-497.84	33.07	-26.21	-35.02
57146	57.25	-3.10	1.75	4852.63	17.22	-430.55	19.01	-58.95	-13.74
57147	58.21	-2.50	1.75	4911.25	46.09	-63.66	-50.86	-365.43	23.24
57148	58.29	-3.10	1.75	4828.58	43.28	-27.46	94.16	-357.37	-38.01
57149	59.24	-2.50	1.75	4709.49	381.89	428.06	141.68	-718.26	11.16
57150	59.33	-3.10	1.75	4740.47	373.87	437.15	-272.74	-716.39	67.02
57151	55.06	-2.50	0.25	3823.92	107.64	-1770.91	-20.89	1468.63	-83.90
57152	55.14	-3.10	0.25	3814.72	107.83	-1798.15	30.74	1402.51	82.54
57153	56.02	-2.50	0.25	3794.12	83.92	-1448.06	-9.05	522.42	-76.93
57154	56.10	-3.10	0.25	3741.74	84.84	-1458.11	15.17	478.67	31.77
57155	56.98	-2.50	0.25	3718.33	35.33	-848.10	17.12	-7.28	-59.62
57156	57.06	-3.10	0.25	3642.31	36.07	-865.76	-10.06	-15.76	9.96
57157	57.94	-2.50	0.25	3732.28	-30.28	-381.38	-52.93	-321.29	-33.37
57158	58.02	-3.10	0.25	3610.47	-29.09	-374.87	73.01	-314.96	4.91
57159	58.90	-2.50	0.25	3766.70	267.34	16.36	196.34	-587.76	-85.72
57160	58.99	-3.10	0.25	3839.99	293.79	54.69	-331.36	-580.43	42.12
57161	55.02	-2.50	-1.25	2661.94	-589.94	-2959.69	89.54	1395.42	342.19
57162	55.10	-3.10	-1.25	2648.37	-597.48	-2998.01	5.83	1370.04	-348.57
57163	55.91	-2.50	-1.25	2544.40	-463.61	-2073.28	21.46	405.69	169.08
57164	55.98	-3.10	-1.25	2474.64	-482.28	-2175.12	-1.97	372.90	-249.31
57165	56.79	-2.50	-1.25	2507.29	-245.47	-1176.82	-3.08	13.91	86.12
57166	56.87	-3.10	-1.25	2426.36	-247.82	-1283.03	-21.74	-15.60	-131.33
57167	57.67	-2.50	-1.25	2551.45	-158.00	-605.84	-28.70	-206.89	44.36
57168	57.76	-3.10	-1.25	2448.37	-186.49	-716.83	-8.90	-271.03	-100.15
57169	58.56	-2.50	-1.25	2514.35	51.28	-208.37	55.59	-358.87	-65.51
57170	58.64	-3.10	-1.25	2551.56	36.28	-286.66	-284.51	-407.60	-120.15
57171	24.56	-2.50	1.75	-2043.21	68.45	698.07	194.50	2572.02	30.99
57172	24.50	-3.10	1.75	-2055.58	64.42	713.63	-123.73	2491.81	-26.57
57173	25.96	-2.50	1.75	-1716.07	56.37	573.52	222.00	2897.63	33.92
57174	25.90	-3.10	1.75	-1729.24	56.47	605.84	-151.43	2828.93	-35.21
57175	27.36	-2.50	1.75	-1385.96	49.17	423.93	238.85	3144.33	21.74
57176	27.30	-3.10	1.75	-1394.90	51.18	463.45	-167.36	3083.58	-29.89
57177	28.75	-2.50	1.75	-1077.73	38.08	298.44	254.60	3320.03	15.35
57178	28.70	-3.10	1.75	-1081.95	41.33	340.78	-179.85	3263.58	-25.18
57179	30.15	-2.50	1.75	-775.96	29.56	210.44	266.72	3453.78	10.52
57180	30.11	-3.10	1.75	-777.42	33.07	253.05	-187.51	3399.22	-20.04
57181	31.54	-2.50	1.75	-470.80	23.23	149.75	276.17	3556.70	7.40
57182	31.51	-3.10	1.75	-471.41	26.63	190.02	-192.82	3503.36	-16.08
57183	32.94	-2.50	1.75	-158.74	18.41	106.67	283.28	3634.32	5.23
57184	32.91	-3.10	1.75	-159.39	21.40	141.64	-196.48	3582.26	-12.80
57185	34.34	-2.50	1.75	160.35	14.49	74.23	288.45	3690.32	3.73
57186	34.32	-3.10	1.75	159.29	16.80	100.97	-198.93	3639.65	-9.79
57187	35.73	-2.50	1.75	485.14	11.02	47.92	291.92	3727.46	2.69
57188	35.72	-3.10	1.75	483.50	12.37	63.85	-200.45	3678.15	-6.75
57189	37.13	-2.50	1.75	813.87	7.77	24.72	293.83	3747.65	1.95
57190	37.12	-3.10	1.75	811.51	7.94	27.92	-201.23	3699.53	-3.55
57191	38.53	-2.50	1.75	1144.78	4.61	2.43	294.26	3751.91	1.35
57192	38.52	-3.10	1.75	1141.61	3.45	-8.30	-201.34	3704.72	-0.19
57193	39.92	-2.50	1.75	1476.22	1.49	-20.81	293.19	3740.24	0.77
57194	39.93	-3.10	1.75	1472.21	-1.05	-45.81	-200.81	3693.67	3.25
57195	41.32	-2.50	1.75	1806.51	-1.59	-46.59	290.55	3711.56	0.09
57196	41.33	-3.10	1.75	1801.68	-5.45	-85.36	-199.58	3665.30	6.69
57197	42.72	-2.50	1.75	2133.77	-4.62	-76.32	286.19	3663.71	-0.81
57198	42.73	-3.10	1.75	2128.17	-9.64	-127.51	-197.51	3617.50	10.01
57199	44.11	-2.50	1.75	2455.71	-7.62	-111.35	279.92	3593.54	-2.00
57200	44.13	-3.10	1.75	2449.38	-13.56	-172.78	-194.41	3547.25	13.16
57201	45.51	-2.50	1.75	2769.46	-10.68	-153.27	271.47	3497.04	-3.53
57202	45.54	-3.10	1.75	2762.40	-17.26	-222.07	-190.00	3450.78	16.16
57203	46.91	-2.50	1.75	3071.73	-14.05	-204.76	260.46	3369.54	-5.45
57204	46.94	-3.10	1.75	3063.94	-21.02	-277.60	-183.98	3323.71	19.28
57205	48.30	-2.50	1.75	3359.29	-18.26	-270.98	246.30	3205.74	-7.78
57206	48.34	-3.10	1.75	3351.26	-25.42	-344.41	-175.96	3160.92	22.99
57207	49.70	-2.50	1.75	3630.49	-24.11	-361.29	228.37	2999.22	-11.04
57208	49.75	-3.10	1.75	3624.20	-31.33	-432.23	-165.48	2955.50	28.14
57209	51.09	-2.50	1.75	3888.48	-33.09	-490.26	205.46	2739.66	-15.29
57210	51.15	-3.10	1.75	3887.73	-39.54	-555.98	-150.29	2694.77	33.66
57211	52.49	-2.50	1.75	4146.57	-41.25	-659.95	179.21	2398.45	-26.49
57212	52.55	-3.10	1.75	4153.32	-45.90	-716.24	-129.09	2346.74	39.96
57213	53.89	-2.50	1.75	4394.02	-50.91	-835.64	145.63	1956.55	-25.38
57214	53.95	-3.10	1.75	4404.48	-50.19	-868.67	-98.99	1887.67	33.30
57215	24.56	-2.50	0.25	-1582.26	-52.35	1229.49	-25.53	3033.52	24.30
57216	24.50	-3.10	0.25	-1600.03	-49.98	1268.09	22.96	2987.11	-34.57
57217	25.96	-2.50	0.25	-1194.26	4.60	951.28	-54.31	3358.59	-19.93
57218	25.90	-3.10	0.25	-1215.04	3.61	988.56	42.11	3335.85	11.93
57219	27.36	-2.50	0.25	-916.96	-6.51	681.58	-54.18	3530.68	-8.91
57220	27.30	-3.10	0.25	-929.34	-6.62	712.37	38.49	3515.77	2.03
57221	28.75	-2.50	0.25	-680.53	-5.33	506.00	-57.61	3672.58	-8.62
57222	28.70	-3.10	0.25	-686.15	-6.28	535.34	44.18	3661.91	2.88

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
57223	30.15	-2.50	0.25	-455.47	-4.73	380.13	-58.91	3795.96	-7.29
57224	30.11	-3.10	0.25	-459.43	-5.77	409.26	47.05	3790.12	1.24
57225	31.55	-2.50	0.25	-232.01	-4.01	285.27	-60.23	3898.90	-6.51
57226	31.51	-3.10	0.25	-236.18	-5.02	312.67	49.20	3899.09	0.30
57227	32.94	-2.50	0.25	-7.01	-3.28	210.16	-61.30	3980.08	-5.58
57228	32.91	-3.10	0.25	-11.72	-4.16	233.59	50.63	3986.38	-0.24
57229	34.34	-2.50	0.25	219.94	-2.64	147.98	-62.10	4039.96	-4.46
57230	34.32	-3.10	0.25	215.02	-3.32	165.44	51.58	4051.71	-0.34
57231	35.73	-2.50	0.25	448.45	-2.07	94.12	-62.64	4080.17	-3.10
57232	35.72	-3.10	0.25	443.73	-2.48	104.11	52.20	4096.28	-0.10
57233	37.13	-2.50	0.25	678.19	-1.57	44.96	-62.92	4102.57	-1.52
57234	37.12	-3.10	0.25	673.95	-1.65	46.51	52.55	4121.73	0.38
57235	38.53	-2.50	0.25	909.12	-1.11	-2.79	-62.95	4108.43	0.21
57236	38.52	-3.10	0.25	905.50	-0.82	-10.22	52.64	4129.22	1.01
57237	39.92	-2.50	0.25	1141.52	-0.67	-52.32	-62.74	4097.92	1.98
57238	39.93	-3.10	0.25	1138.55	-0.01	-68.86	52.49	4118.90	1.68
57239	41.32	-2.50	0.25	1375.73	-0.23	-106.72	-62.26	4069.84	3.71
57240	41.33	-3.10	0.25	1373.38	0.78	-132.13	52.06	4089.57	2.30
57241	42.72	-2.50	0.25	1611.96	0.21	-168.84	-61.47	4021.59	5.28
57242	42.73	-3.10	0.25	1610.04	1.55	-202.48	51.36	4038.57	2.78
57243	44.11	-2.50	0.25	1849.94	0.69	-241.23	-60.33	3949.21	6.62
57244	44.13	-3.10	0.25	1848.04	2.30	-281.94	50.33	3962.00	3.02
57245	45.51	-2.50	0.25	2088.70	1.22	-326.36	-58.79	3847.85	7.67
57246	45.54	-3.10	0.25	2086.12	3.03	-372.31	48.89	3855.17	2.97
57247	46.90	-2.50	0.25	2326.45	1.80	-427.18	-56.87	3712.40	8.47
57248	46.94	-3.10	0.25	2322.38	3.77	-475.77	46.87	3713.37	2.56
57249	48.30	-2.50	0.25	2560.92	2.44	-548.66	-54.61	3538.57	8.99
57250	48.34	-3.10	0.25	2555.12	4.47	-596.58	43.89	3533.02	1.82
57251	49.70	-2.50	0.25	2790.33	2.79	-700.70	-52.58	3323.94	9.98
57252	49.75	-3.10	0.25	2784.57	4.94	-744.63	39.82	3312.99	0.29
57253	51.09	-2.50	0.25	3015.53	4.90	-902.30	-49.38	3068.39	9.79
57254	51.15	-3.10	0.25	3016.98	6.14	-941.37	31.96	3053.71	1.80
57255	52.49	-2.50	0.25	3248.08	-5.65	-1206.66	-48.46	2768.29	22.86
57256	52.55	-3.10	0.25	3268.40	-3.30	-1245.95	27.88	2746.50	-6.23
57257	53.89	-2.50	0.25	3540.77	37.26	-1569.54	-37.89	2322.24	-19.46
57258	53.95	-3.10	0.25	3575.31	35.93	-1612.72	26.52	2268.66	43.31
57259	24.57	-2.50	-1.25	-818.21	265.26	1889.16	-38.68	3648.08	-181.07
57260	24.50	-3.10	-1.25	-813.20	254.20	1915.73	80.32	3596.51	108.35
57261	25.96	-2.50	-1.25	-606.73	-36.92	1143.55	24.56	3702.37	29.71
57262	25.90	-3.10	-1.25	-635.05	-31.45	1174.12	-41.23	3681.01	-37.81
57263	27.36	-2.50	-1.25	-469.25	4.61	877.54	7.30	3808.29	-4.08
57264	27.30	-3.10	-1.25	-475.89	3.70	902.40	-6.60	3786.38	3.93
57265	28.75	-2.50	-1.25	-323.73	0.77	689.99	13.70	3936.28	0.70
57266	28.71	-3.10	-1.25	-332.48	1.02	714.43	-10.96	3914.93	-3.56
57267	30.15	-2.50	-1.25	-174.86	0.42	543.79	14.16	4056.14	-1.58
57268	30.11	-3.10	-1.25	-186.57	0.57	567.59	-10.80	4042.14	-3.20
57269	31.55	-2.50	-1.25	-25.46	0.68	421.04	14.49	4158.17	-2.11
57270	31.51	-3.10	-1.25	-38.95	0.85	442.04	-11.13	4152.99	-3.69
57271	32.94	-2.50	-1.25	121.54	0.65	315.16	14.65	4238.14	-2.27
57272	32.91	-3.10	-1.25	107.92	0.81	331.91	-11.61	4241.48	-3.50
57273	34.34	-2.50	-1.25	264.39	0.60	222.93	14.68	4296.26	-1.94
57274	34.32	-3.10	-1.25	252.11	0.74	234.58	-11.96	4306.69	-2.92
57275	35.73	-2.50	-1.25	402.92	0.48	141.33	14.70	4334.86	-1.25
57276	35.72	-3.10	-1.25	392.91	0.57	147.62	-12.21	4350.58	-1.98
57277	37.13	-2.50	-1.25	538.32	0.33	66.73	14.71	4356.70	-0.34
57278	37.12	-3.10	-1.25	531.02	0.35	67.71	-12.35	4375.89	-0.82
57279	38.53	-2.50	-1.25	672.74	0.15	-5.30	14.68	4363.81	0.71
57280	38.52	-3.10	-1.25	668.34	0.09	-9.48	-12.40	4384.78	0.49
57281	39.92	-2.50	-1.25	808.97	-0.04	-79.69	14.62	4356.84	1.80
57282	39.93	-3.10	-1.25	807.51	-0.19	-88.97	-12.38	4377.98	1.83
57283	41.32	-2.50	-1.25	950.11	-0.24	-161.60	14.51	4334.69	2.86
57284	41.33	-3.10	-1.25	951.61	-0.47	-176.00	-12.28	4354.37	3.14
57285	42.72	-2.50	-1.25	1099.28	-0.42	-255.93	14.38	4294.40	3.80
57286	42.73	-3.10	-1.25	1103.63	-0.72	-275.54	-12.07	4310.80	4.31
57287	44.11	-2.50	-1.25	1259.34	-0.56	-366.91	14.23	4231.23	4.52
57288	44.13	-3.10	-1.25	1266.05	-0.91	-391.71	-11.72	4242.33	5.25
57289	45.51	-2.50	-1.25	1432.33	-0.64	-497.80	14.05	4139.08	4.90
57290	45.54	-3.10	-1.25	1440.36	-1.01	-527.31	-11.22	4142.71	5.80
57291	46.90	-2.50	-1.25	1619.06	-0.69	-650.80	13.72	4011.53	4.73
57292	46.94	-3.10	-1.25	1626.72	-1.07	-683.82	-10.61	4005.68	5.90
57293	48.30	-2.50	-1.25	1818.79	-0.67	-827.98	13.04	3843.36	4.23
57294	48.34	-3.10	-1.25	1824.15	-0.95	-862.47	-10.03	3826.93	5.01
57295	49.70	-2.50	-1.25	2029.74	-0.01	-1034.28	12.44	3632.96	1.06
57296	49.74	-3.10	-1.25	2031.51	-0.71	-1067.09	-10.43	3606.31	5.29
57297	51.09	-2.50	-1.25	2250.92	-7.83	-1287.72	6.33	3382.16	6.29
57298	51.15	-3.10	-1.25	2249.66	-6.48	-1316.76	-6.54	3351.93	-6.59
57299	52.49	-2.50	-1.25	2479.47	37.37	-1622.05	8.67	3105.38	-37.84
57300	52.55	-3.10	-1.25	2500.96	30.68	-1652.74	-30.30	3080.10	35.50
57301	53.89	-2.50	-1.25	2791.41	-206.61	-2494.32	20.79	2840.89	205.40
57302	53.95	-3.10	-1.25	2814.23	-196.10	-2500.63	-2.17	2782.69	-106.56
57303	19.21	-2.50	1.75	-3121.42	-292.75	-1557.90	152.18	1295.92	-235.24
57304	19.12	-3.10	1.75	-3130.35	-271.33	-1476.90	-276.38	1258.69	11.99
57305	20.24	-2.50	1.75	-3250.81	-114.41	-985.29	101.35	1502.85	-95.14
57306	20.16	-3.10	1.75	-3166.86	-85.05	-867.26	-40.95	1510.98	32.91
57307	21.28	-2.50	1.75	-3079.90	-40.23	-228.06	148.86	1476.04	-19.62
57308	21.20	-3.10	1.75	-3037.71	-40.73	-188.06	-54.99	1449.17	21.14
57309	22.31	-2.50	1.75	-2792.87	26.83	370.24	144.41	1647.82	22.66
57310	22.24	-3.10	1.75	-2778.65	21.18	366.41	-56.34	1590.66	2.58
57311	23.35	-2.50	1.75	-2434.61	64.84	694.71	168.02	2100.47	25.95
57312	23.27	-3.10	1.75	-2437.18	59.16	689.95	-88.58	2026.23	-10.89
57313	19.55	-2.50	0.25	-2440.29	-151.16	-1235.28	107.86	1502.81	-123.38
57314	19.46	-3.10	0.25	-2490.89	-173.53	-1283.07	-195.20	1440.96	7.46
57315	20.51	-2.50	0.25	-2336.88	52.06	-786.96	-39.56	1531.16	24.56
57316	20.43	-3.10	0.25	-2261.32	48.31	-781.77	37.13	1560.46	-39.28
57317	21.47	-2.50	0.25	-2227.55	-18.39	-94.68	12.17	1588.15	11.30
57318	21.39	-3.10	0.25	-2166.93	-19.12	-69.47	-15.46	1621.03	-11.30
57319	22.43	-2.50	0.25	-2109.81	-57.02	701.77	-1.15	1799.24	47.20
57320	22.35	-3.10	0.25	-2056.11	-57.12	721.71	-0.76	1804.19	-19.51
57321	23.39	-2.50	0.25	-1941.19	-99.69	1241.11	-6.14	2397.28	71.78

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
57322	23.31	-3.10	0.25	-1918.04	-102.57	1264.36	14.83	2361.28	-62.50
57323	19.89	-2.50	-1.25	-1830.75	-205.62	-1137.41	-53.81	1693.63	-52.57
57324	19.81	-3.10	-1.25	-1867.98	-214.99	-1202.85	-34.87	1626.21	-8.94
57325	20.78	-2.50	-1.25	-1651.89	10.38	-628.75	-160.54	1710.05	44.88
57326	20.69	-3.10	-1.25	-1618.53	9.88	-664.77	110.64	1671.66	-52.07
57327	21.66	-2.50	-1.25	-1442.88	97.76	81.53	-140.00	1756.98	-24.98
57328	21.58	-3.10	-1.25	-1400.35	92.07	102.71	87.89	1739.83	24.50
57329	22.54	-2.50	-1.25	-1271.83	292.73	1060.57	-129.30	1913.47	-85.17
57330	22.47	-3.10	-1.25	-1207.69	299.36	1129.19	102.20	1901.82	140.85
57331	23.43	-2.50	-1.25	-1074.23	514.43	2080.57	-47.79	2546.37	-255.00
57332	23.35	-3.10	-1.25	-1025.37	533.17	2137.12	108.03	2533.40	295.23
57333	24.50	-3.10	-2.70	-315.11	310.94	1661.05	111.34	3784.55	225.20
57334	25.90	-3.10	-2.70	-244.20	-53.16	1302.92	-34.93	3799.15	-45.03
57335	27.30	-3.10	-2.70	-147.23	4.10	1077.74	14.20	3927.67	16.30
57336	28.71	-3.10	-2.70	-57.11	-0.08	892.33	5.26	4071.78	-4.03
57337	30.11	-3.10	-2.70	37.24	-0.13	722.04	5.44	4205.24	-2.03
57338	31.51	-3.10	-2.70	128.99	0.65	563.51	4.53	4313.22	-3.54
57339	32.91	-3.10	-2.70	211.78	0.74	419.88	3.72	4392.92	-3.31
57340	34.32	-3.10	-2.70	282.45	0.71	293.66	3.22	4447.17	-2.72
57341	35.72	-3.10	-2.70	341.28	0.54	183.83	2.93	4481.34	-1.76
57342	37.12	-3.10	-2.70	391.22	0.29	86.18	2.80	4500.59	-0.63
57343	38.52	-3.10	-2.70	436.87	0.00	-5.75	2.74	4508.62	0.58
57344	39.93	-3.10	-2.70	483.86	-0.31	-99.73	2.70	4507.04	1.81
57345	41.33	-3.10	-2.70	538.36	-0.65	-204.04	2.70	4495.13	3.04
57346	42.73	-3.10	-2.70	606.82	-0.99	-326.78	2.77	4469.68	4.20
57347	44.13	-3.10	-2.70	695.52	-1.31	-475.02	3.00	4424.90	5.21
57348	45.54	-3.10	-2.70	809.86	-1.53	-653.51	3.47	4352.80	5.83
57349	46.94	-3.10	-2.70	953.44	-1.65	-863.39	4.21	4244.46	6.05
57350	48.34	-3.10	-2.70	1127.43	-1.54	-1101.43	5.40	4093.18	4.31
57351	49.74	-3.10	-2.70	1332.05	-0.38	-1362.19	4.88	3898.86	6.22
57352	51.15	-3.10	-2.70	1570.84	-10.95	-1646.16	11.65	3677.66	-16.29
57353	52.55	-3.10	-2.70	1870.40	35.62	-1969.70	5.32	3469.88	47.85
57354	53.95	-3.10	-2.70	2282.83	-93.94	-2282.63	-93.56	3426.35	-239.41
57355	24.57	-2.50	-2.70	-387.88	316.73	1632.46	-41.30	3848.49	-352.66
57356	25.96	-2.50	-2.70	-235.18	-59.82	1272.84	25.56	3818.52	71.29
57357	27.36	-2.50	-2.70	-143.53	6.16	1049.32	-7.69	3955.76	-11.22
57358	28.75	-2.50	-2.70	-40.31	-0.07	866.42	-0.22	4094.38	0.75
57359	30.15	-2.50	-2.70	61.26	0.07	700.26	-2.24	4216.42	-3.72
57360	31.55	-2.50	-2.70	155.14	0.74	547.32	-3.24	4313.12	-3.62
57361	32.94	-2.50	-2.70	236.21	0.78	409.34	-4.05	4383.16	-3.58
57362	34.34	-2.50	-2.70	302.83	0.72	287.85	-4.62	4430.26	-2.87
57363	35.73	-2.50	-2.70	356.64	0.52	181.44	-4.94	4459.61	-1.87
57364	37.13	-2.50	-2.70	401.36	0.26	86.01	-5.09	4475.95	-0.71
57365	38.53	-2.50	-2.70	441.87	-0.03	-4.52	-5.15	4482.58	0.53
57366	39.92	-2.50	-2.70	483.72	-0.35	-97.39	-5.17	4480.89	1.79
57367	41.32	-2.50	-2.70	532.92	-0.70	-200.33	-5.13	4470.20	3.04
57368	42.72	-2.50	-2.70	595.85	-1.05	-320.91	-4.99	4447.57	4.22
57369	44.11	-2.50	-2.70	679.06	-1.38	-465.75	-4.67	4407.73	5.24
57370	45.51	-2.50	-2.70	788.72	-1.63	-639.49	-4.08	4343.33	5.97
57371	46.90	-2.50	-2.70	929.84	-1.76	-843.63	-3.17	4245.83	5.93
57372	48.30	-2.50	-2.70	1105.22	-1.93	-1075.93	-2.26	4107.81	5.92
57373	49.70	-2.50	-2.70	1316.14	0.07	-1332.03	0.24	3927.69	0.71
57374	51.09	-2.50	-2.70	1568.73	-13.95	-1612.64	-2.38	3714.80	12.95
57375	52.49	-2.50	-2.70	1879.64	41.57	-1935.88	-3.01	3497.27	-78.40
57376	53.88	-2.50	-2.70	2333.35	-91.43	-2265.91	136.02	3512.58	386.56
57377	24.50	-3.10	-4.10	-21.50	130.40	1403.45	42.43	3969.63	269.36
57378	25.90	-3.10	-4.10	25.46	-25.44	1389.79	-7.35	3957.83	-67.73
57379	27.30	-3.10	-4.10	108.67	3.95	1253.95	7.47	4053.29	14.02
57380	28.71	-3.10	-4.10	184.47	1.23	1063.42	-0.01	4190.14	-7.47
57381	30.11	-3.10	-4.10	253.51	1.34	857.69	-1.93	4312.14	-5.10
57382	31.51	-3.10	-4.10	304.34	1.78	657.32	-3.80	4398.08	-5.75
57383	32.91	-3.10	-4.10	329.21	1.62	478.34	-4.95	4450.31	-4.67
57384	34.32	-3.10	-4.10	327.30	1.30	327.18	-5.49	4478.19	-3.42
57385	35.72	-3.10	-4.10	302.67	0.88	202.01	-5.68	4491.50	-2.07
57386	37.12	-3.10	-4.10	261.96	0.45	96.03	-5.71	4497.73	-0.75
57387	38.52	-3.10	-4.10	212.94	0.00	-0.20	-5.71	4501.71	0.51
57388	39.93	-3.10	-4.10	163.87	-0.46	-97.44	-5.75	4505.74	1.77
57389	41.33	-3.10	-4.10	123.52	-0.96	-207.08	-5.82	4509.79	3.05
57390	42.73	-3.10	-4.10	101.31	-1.51	-340.63	-5.86	4511.26	4.39
57391	44.13	-3.10	-4.10	107.33	-2.11	-508.94	-5.76	4504.61	5.80
57392	45.54	-3.10	-4.10	151.69	-2.67	-720.40	-5.28	4480.83	7.11
57393	46.94	-3.10	-4.10	242.87	-3.09	-977.83	-4.18	4427.86	8.25
57394	48.34	-3.10	-4.10	384.84	-3.19	-1273.65	-2.05	4333.73	7.67
57395	49.74	-3.10	-4.10	574.03	-2.07	-1585.57	0.02	4195.32	10.11
57396	51.15	-3.10	-4.10	800.58	-7.63	-1879.32	5.23	4039.37	-10.95
57397	52.55	-3.10	-4.10	1055.80	9.11	-2078.62	24.01	3938.40	77.93
57398	53.95	-3.10	-4.10	1301.59	59.63	-2024.02	-102.40	3956.67	-287.76
57399	24.57	-2.50	-4.10	-150.31	123.81	1361.95	25.09	4051.74	-424.26
57400	25.96	-2.50	-4.10	-0.91	-27.70	1353.19	29.66	3979.94	76.77
57401	27.36	-2.50	-4.10	117.96	4.11	1220.18	8.83	4078.79	-11.89
57402	28.75	-2.50	-4.10	216.11	0.64	1038.60	9.85	4208.79	-0.07
57403	30.15	-2.50	-4.10	294.07	0.92	842.81	6.52	4316.66	-5.08
57404	31.55	-2.50	-4.10	344.55	1.39	651.36	4.38	4390.94	-4.80
57405	32.94	-2.50	-4.10	363.81	1.29	478.67	3.00	4434.95	-4.33
57406	34.34	-2.50	-4.10	354.25	1.06	330.57	2.24	4457.82	-3.24
57407	35.73	-2.50	-4.10	321.79	0.73	205.61	1.90	4468.33	-2.01
57408	37.13	-2.50	-4.10	273.80	0.37	97.78	1.78	4473.14	-0.74
57409	38.53	-2.50	-4.10	218.04	-0.01	-1.53	1.74	4476.53	0.51
57410	39.92	-2.50	-4.10	162.39	-0.40	-102.28	1.72	4480.52	1.76
57411	41.32	-2.50	-4.10	115.11	-0.83	-215.07	1.71	4485.08	3.03
57412	42.72	-2.50	-4.10	85.19	-1.31	-350.56	1.80	4487.92	4.32
57413	44.11	-2.50	-4.10	82.63	-1.82	-518.63	2.10	4484.09	5.60
57414	45.51	-2.50	-4.10	118.21	-2.29	-726.76	2.86	4465.61	6.75
57415	46.90	-2.50	-4.10	202.31	-2.61	-977.24	4.37	4421.59	7.24
57416	48.30	-2.50	-4.10	342.42	-2.78	-1263.02	6.62	4340.39	7.45
57417	49.70	-2.50	-4.10	539.43	-1.13	-1563.49	10.40	4217.73	2.47
57418	51.09	-2.50	-4.10	789.45	-8.17	-1847.42	13.89	4070.09	15.04
57419	52.49	-2.50	-4.10	1095.07	10.22	-2045.65	7.83	3971.21	-75.67
57420	53.88	-2.50	-4.10	1401.54	71.20	-1990.22	139.25	4062.48	457.60

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
57421	24.50	-3.10	-5.50	542.30	188.02	1328.52	117.54	3937.27	259.89
57422	25.90	-3.10	-5.50	431.40	-34.38	1464.93	10.04	4034.62	-57.84
57423	27.30	-3.10	-5.50	440.73	1.04	1411.76	35.38	4164.06	14.19
57424	28.71	-3.10	-5.50	494.20	3.20	1205.76	22.36	4295.02	-6.63
57425	30.11	-3.10	-5.50	539.01	3.62	945.08	16.72	4379.20	-5.25
57426	31.51	-3.10	-5.50	541.52	3.46	695.55	12.91	4411.60	-5.84
57427	32.91	-3.10	-5.50	495.45	2.56	485.68	10.78	4410.94	-4.64
57428	34.32	-3.10	-5.50	406.84	1.71	320.28	9.77	4395.08	-3.33
57429	35.72	-3.10	-5.50	286.12	1.03	192.82	9.33	4376.81	-1.99
57430	37.12	-3.10	-5.50	144.21	0.53	92.02	9.17	4363.92	-0.71
57431	38.52	-3.10	-5.50	-8.79	0.15	5.06	9.12	4360.73	0.50
57432	39.93	-3.10	-5.50	-163.50	-0.21	-81.33	9.12	4369.42	1.70
57433	41.33	-3.10	-5.50	-310.45	-0.65	-180.88	9.15	4390.73	2.91
57434	42.73	-3.10	-5.50	-439.06	-1.26	-307.97	9.31	4423.78	4.18
57435	44.13	-3.10	-5.50	-536.78	-2.11	-477.58	9.75	4465.15	5.54
57436	45.54	-3.10	-5.50	-589.04	-3.18	-703.79	10.82	4507.10	6.87
57437	46.94	-3.10	-5.50	-580.79	-4.31	-995.68	13.13	4535.51	8.08
57438	48.34	-3.10	-5.50	-501.55	-4.68	-1348.64	17.42	4529.11	7.48
57439	49.74	-3.10	-5.50	-356.03	-3.35	-1726.61	23.71	4462.78	8.76
57440	51.15	-3.10	-5.50	-186.97	0.08	-2041.72	35.62	4334.08	-11.99
57441	52.55	-3.10	-5.50	-73.69	29.66	-2163.09	21.18	4181.83	63.17
57442	53.95	-3.10	-5.50	-104.06	-109.94	-2016.09	66.49	4021.89	-277.76
57443	24.57	-2.50	-5.50	378.51	186.98	1298.76	-38.74	4031.15	-393.81
57444	25.96	-2.50	-5.50	395.63	-34.01	1440.63	25.40	4063.93	48.64
57445	27.36	-2.50	-5.50	461.18	4.37	1390.60	-8.43	4181.92	-28.00
57446	28.75	-2.50	-5.50	546.01	5.05	1197.78	-10.21	4300.97	-12.90
57447	30.15	-2.50	-5.50	597.08	4.80	951.13	-15.17	4371.97	-13.30
57448	31.55	-2.50	-5.50	593.25	4.28	710.83	-17.33	4396.77	-9.52
57449	32.94	-2.50	-5.50	536.46	3.12	504.24	-18.00	4392.80	-6.58
57450	34.34	-2.50	-5.50	436.83	2.10	337.22	-18.00	4376.15	-4.07
57451	35.73	-2.50	-5.50	306.35	1.27	204.74	-17.75	4358.13	-2.18
57452	37.13	-2.50	-5.50	156.10	0.63	96.83	-17.51	4345.74	-0.71
57453	38.53	-2.50	-5.50	-4.26	0.12	1.66	-17.40	4342.91	0.51
57454	39.92	-2.50	-5.50	-166.00	-0.36	-93.35	-17.48	4351.68	1.65
57455	41.32	-2.50	-5.50	-320.44	-0.92	-201.23	-17.75	4372.75	2.87
57456	42.72	-2.50	-5.50	-457.75	-1.65	-335.61	-18.20	4405.34	4.37
57457	44.11	-2.50	-5.50	-565.99	-2.64	-510.38	-18.71	4446.38	6.36
57458	45.51	-2.50	-5.50	-630.55	-3.86	-738.10	-19.02	4489.03	9.06
57459	46.90	-2.50	-5.50	-634.88	-5.22	-1026.10	-18.61	4520.82	12.36
57460	48.30	-2.50	-5.50	-564.01	-6.01	-1368.64	-16.68	4522.60	16.71
57461	49.70	-2.50	-5.50	-413.57	-5.25	-1731.43	-11.79	4471.01	17.16
57462	51.09	-2.50	-5.50	-213.09	-3.82	-2034.18	-8.67	4357.68	33.79
57463	52.49	-2.50	-5.50	-40.78	29.76	-2155.82	13.78	4226.15	-42.18
57464	53.88	-2.50	-5.50	24.79	-111.75	-2003.45	-11.51	4130.84	406.11
57465	24.50	-3.10	-6.90	1205.54	224.51	1465.45	143.64	3694.07	195.45
57466	25.90	-3.10	-6.90	912.12	-85.16	1681.14	-89.38	3980.69	-129.01
57467	27.30	-3.10	-6.90	908.59	-34.02	1599.21	-58.67	4254.73	-47.32
57468	28.71	-3.10	-6.90	964.76	-19.28	1282.96	-70.69	4377.81	-48.22
57469	30.11	-3.10	-6.90	961.65	-11.57	934.72	-69.54	4379.20	-29.89
57470	31.51	-3.10	-6.90	879.38	-5.17	641.71	-65.75	4322.24	-18.58
57471	32.91	-3.10	-6.90	728.47	-1.67	419.66	-61.71	4247.92	-10.35
57472	34.32	-3.10	-6.90	527.36	0.14	261.09	-58.23	4178.82	-5.29
57473	35.72	-3.10	-6.90	293.01	0.75	150.39	-55.71	4125.68	-2.24
57474	37.12	-3.10	-6.90	38.59	0.59	71.03	-54.12	4092.68	-0.45
57475	38.52	-3.10	-6.90	-226.20	0.01	7.79	-53.39	4081.27	0.70
57476	39.93	-3.10	-6.90	-493.78	-0.71	-53.39	-53.47	4092.36	1.64
57477	41.33	-3.10	-6.90	-757.01	-1.32	-126.54	-54.41	4127.33	2.81
57478	42.73	-3.10	-6.90	-1007.42	-1.51	-227.08	-56.33	4187.99	4.71
57479	44.13	-3.10	-6.90	-1233.43	-0.88	-373.00	-59.38	4275.37	8.05
57480	45.54	-3.10	-6.90	-1418.77	1.07	-584.96	-63.65	4387.01	13.79
57481	46.94	-3.10	-6.90	-1542.05	4.97	-883.88	-68.75	4512.18	23.37
57482	48.34	-3.10	-6.90	-1579.35	12.20	-1282.37	-73.87	4624.46	37.01
57483	49.74	-3.10	-6.90	-1514.89	20.92	-1767.88	-76.08	4671.30	58.67
57484	51.15	-3.10	-6.90	-1365.87	39.67	-2240.83	-66.02	4559.82	61.35
57485	52.55	-3.10	-6.90	-1278.43	86.16	-2459.68	-97.92	4224.47	150.74
57486	53.95	-3.10	-6.90	-1520.28	-212.94	-2328.39	156.01	3815.34	-206.90
57487	24.57	-2.50	-6.90	997.65	210.28	1448.70	-34.57	3797.72	-315.28
57488	25.96	-2.50	-6.90	901.73	-94.72	1692.49	124.00	4022.52	98.29
57489	27.36	-2.50	-6.90	961.89	-44.49	1620.78	80.30	4263.23	7.23
57490	28.75	-2.50	-6.90	1041.47	-27.30	1321.42	77.65	4365.72	9.69
57491	30.15	-2.50	-6.90	1033.10	-17.96	983.10	70.25	4356.98	1.84
57492	31.55	-2.50	-6.90	936.32	-9.64	690.71	65.94	4298.38	-0.15
57493	32.94	-2.50	-6.90	770.41	-4.80	462.47	63.55	4225.55	-1.31
57494	34.34	-2.50	-6.90	556.54	-1.92	293.86	62.19	4158.68	-1.47
57495	35.73	-2.50	-6.90	311.96	-0.49	171.16	61.49	4107.44	-1.10
57496	37.13	-2.50	-6.90	49.27	0.04	78.91	61.19	4075.75	-0.38
57497	38.53	-2.50	-6.90	-222.58	0.06	2.40	61.18	4065.03	0.52
57498	39.92	-2.50	-6.90	-496.81	-0.09	-72.20	61.42	4076.21	1.45
57499	41.32	-2.50	-6.90	-767.11	-0.11	-158.76	61.93	4110.61	2.28
57500	42.72	-2.50	-6.90	-1025.89	0.36	-272.48	62.80	4169.93	2.83
57501	44.11	-2.50	-6.90	-1262.54	1.78	-430.81	64.21	4255.10	2.93
57502	45.51	-2.50	-6.90	-1461.62	4.77	-653.28	66.48	4363.91	2.33
57503	46.90	-2.50	-6.90	-1601.72	10.00	-958.64	70.07	4486.74	0.48
57504	48.30	-2.50	-6.90	-1656.30	19.22	-1356.18	76.03	4600.14	-2.70
57505	49.70	-2.50	-6.90	-1600.44	29.60	-1830.50	85.18	4658.34	-12.56
57506	51.09	-2.50	-6.90	-1431.61	51.14	-2284.71	90.10	4572.27	-14.09
57507	52.49	-2.50	-6.90	-1285.53	95.91	-2493.58	132.94	4281.39	-112.65
57508	53.88	-2.50	-6.90	-1347.10	-204.41	-2330.93	-58.10	3923.50	303.39
57509	24.50	-3.10	-8.30	1620.97	404.66	1966.90	436.91	3257.20	287.50
57510	25.90	-3.10	-8.30	1592.49	263.51	2199.77	359.97	4100.51	117.70
57511	27.30	-3.10	-8.30	1772.57	250.47	1732.58	364.81	4415.16	106.44
57512	28.71	-3.10	-8.30	1753.63	177.22	1186.88	313.67	4361.85	60.33
57513	30.11	-3.10	-8.30	1593.58	110.71	766.44	275.49	4202.76	37.31
57514	31.51	-3.10	-8.30	1337.74	62.39	468.14	245.69	4027.46	19.51
57515	32.91	-3.10	-8.30	1023.24	30.61	272.06	223.74	3875.28	8.89
57516	34.32	-3.10	-8.30	675.81	12.20	150.25	208.45	3758.67	2.97
57517	35.72	-3.10	-8.30	311.40	3.17	77.66	198.36	3678.24	0.32
57518	37.12	-3.10	-8.30	-61.26	0.12	34.63	192.30	3630.56	-0.38
57519	38.52	-3.10	-8.30	-437.95	0.30	6.31	189.48	3612.31	-0.09

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
57520	39.93	-3.10	-8.30	-816.84	1.45	-19.31	189.53	3622.26	0.39
57521	41.33	-3.10	-8.30	-1196.81	1.39	-53.68	192.54	3662.09	0.33
57522	42.73	-3.10	-8.30	-1575.84	-2.39	-110.15	199.07	3736.40	-1.18
57523	44.13	-3.10	-8.30	-1949.18	-13.05	-206.55	210.13	3852.00	-5.33
57524	45.54	-3.10	-8.30	-2306.82	-34.80	-367.62	227.12	4015.64	-13.79
57525	46.94	-3.10	-8.30	-2630.06	-72.68	-626.28	251.83	4229.01	-28.58
57526	48.34	-3.10	-8.30	-2888.07	-131.17	-1022.05	285.68	4479.05	-53.12
57527	49.74	-3.10	-8.30	-3034.33	-213.45	-1590.40	330.11	4719.28	-86.55
57528	51.15	-3.10	-8.30	-3004.82	-304.96	-2366.86	389.16	4840.32	-149.88
57529	52.55	-3.10	-8.30	-2688.91	-338.06	-3138.95	383.76	4484.47	-191.93
57530	53.95	-3.10	-8.30	-2588.31	-469.55	-3110.82	487.56	3407.94	-380.61
57531	24.57	-2.50	-8.30	1469.64	411.22	2013.46	-187.97	3266.01	-407.17
57532	25.96	-2.50	-8.30	1600.59	302.28	2337.47	-203.12	4058.01	-222.17
57533	27.36	-2.50	-8.30	1830.28	287.78	1890.95	-313.57	4380.66	-201.95
57534	28.75	-2.50	-8.30	1819.65	207.31	1337.62	-333.13	4351.88	-124.96
57535	30.15	-2.50	-8.30	1649.50	132.98	894.76	-336.50	4218.10	-76.16
57536	31.55	-2.50	-8.30	1380.41	78.70	569.66	-331.35	4063.55	-42.04
57537	32.94	-2.50	-8.30	1054.05	42.11	347.77	-324.55	3926.17	-21.58
57538	34.34	-2.50	-8.30	696.93	19.91	202.52	-318.80	3819.53	-9.86
57539	35.73	-2.50	-8.30	324.67	7.79	108.76	-314.83	3745.57	-3.61
57540	37.13	-2.50	-8.30	-54.57	2.12	46.24	-312.69	3701.93	-0.49
57541	38.53	-2.50	-8.30	-437.12	-0.03	-0.58	-312.32	3686.03	1.09
57542	39.92	-2.50	-8.30	-821.63	-1.12	-44.35	-313.72	3697.02	2.24
57543	41.32	-2.50	-8.30	-1207.44	-3.49	-97.18	-317.06	3736.59	4.00
57544	42.72	-2.50	-8.30	-1593.08	-9.80	-173.13	-322.72	3809.01	7.65
57545	44.11	-2.50	-8.30	-1974.48	-23.46	-290.90	-331.18	3920.33	15.05
57546	45.51	-2.50	-8.30	-2342.43	-48.89	-476.06	-342.76	4076.15	29.13
57547	46.90	-2.50	-8.30	-2678.90	-91.56	-761.88	-357.00	4276.65	54.10
57548	48.30	-2.50	-8.30	-2952.58	-156.08	-1186.24	-370.87	4507.43	96.25
57549	49.70	-2.50	-8.30	-3112.39	-246.70	-1777.84	-376.69	4723.23	158.01
57550	51.09	-2.50	-8.30	-3078.13	-345.27	-2558.34	-363.14	4820.45	255.49
57551	52.49	-2.50	-8.30	-2715.43	-377.69	-3293.00	-240.14	4457.44	299.65
57552	53.88	-2.50	-8.30	-2461.84	-476.59	-3159.73	-257.66	3417.61	459.54
57553	55.18	3.10	1.75	4664.45	-42.74	-908.55	48.32	1205.80	6.43
57554	55.10	2.50	1.75	4648.70	-65.60	-1030.29	-110.52	1288.20	50.86
57555	56.21	3.10	1.75	4801.40	-18.99	-745.10	-2.45	438.16	24.95
57556	56.14	2.50	1.75	4800.34	-46.85	-904.87	-61.25	507.18	65.39
57557	57.25	3.10	1.75	4841.05	24.48	-405.79	-28.46	-89.03	35.61
57558	57.17	2.50	1.75	4861.63	-7.38	-559.93	-38.99	-51.00	57.69
57559	58.29	3.10	1.75	4812.29	49.87	-33.74	-108.06	-406.60	54.11
57560	58.21	2.50	1.75	4886.37	39.27	-127.73	43.19	-405.87	-5.51
57561	59.33	3.10	1.75	4719.37	376.72	387.30	253.68	-769.02	-51.50
57562	59.24	2.50	1.75	4696.36	382.30	368.01	-155.41	-770.40	12.94
57563	55.14	3.10	0.25	3796.61	109.49	-1809.11	-31.60	1396.03	-57.24
57564	55.06	2.50	0.25	3824.59	107.26	-1788.87	20.19	1465.05	109.74
57565	56.10	3.10	0.25	3723.11	85.37	-1481.68	-13.25	467.65	-6.47
57566	56.02	2.50	0.25	3790.72	84.40	-1465.25	11.08	501.99	103.87
57567	57.06	3.10	0.25	3624.96	36.66	-902.69	10.82	-36.88	11.03
57568	56.98	2.50	0.25	3708.22	36.14	-871.35	-15.97	-43.02	83.29
57569	58.02	3.10	0.25	3593.41	-26.07	-427.69	-73.59	-347.63	8.54
57570	57.94	2.50	0.25	3720.22	-28.46	-415.78	51.80	-371.20	48.39
57571	58.99	3.10	0.25	3820.34	291.41	-17.81	328.51	-618.38	-32.58
57572	58.90	2.50	0.25	3757.24	268.05	-25.87	-198.75	-650.11	102.64
57573	55.10	3.10	-1.25	2617.09	-611.26	-3085.75	-7.00	1370.70	386.93
57574	55.02	2.50	-1.25	2681.30	-580.43	-2917.98	-91.84	1382.11	-306.94
57575	55.98	3.10	-1.25	2449.57	-497.21	-2270.54	9.92	359.40	280.47
57576	55.91	2.50	-1.25	2554.79	-460.94	-2038.39	-16.23	384.36	-143.63
57577	56.87	3.10	-1.25	2404.53	-263.31	-1379.64	30.97	-42.86	157.10
57578	56.79	2.50	-1.25	2509.54	-246.24	-1159.57	8.70	-16.30	-67.49
57579	57.76	3.10	-1.25	2426.02	-202.84	-816.28	22.45	-312.14	122.60
57580	57.67	2.50	-1.25	2548.27	-160.99	-610.63	35.37	-247.20	-32.58
57581	58.64	3.10	-1.25	2529.52	15.67	-379.55	303.04	-456.43	137.30
57582	58.56	2.50	-1.25	2500.75	38.52	-239.85	-41.76	-411.08	77.34
57583	24.50	3.10	1.75	-2062.31	70.78	754.18	119.09	2511.86	40.92
57584	24.56	2.50	1.75	-2056.94	64.42	665.61	-201.19	2580.29	-17.74
57585	25.90	3.10	1.75	-1734.15	62.20	643.53	146.84	2849.20	47.01
57586	25.96	2.50	1.75	-1729.86	52.57	545.67	-228.67	2904.60	-23.22
57587	27.30	3.10	1.75	-1398.71	55.82	497.28	162.82	3103.54	38.76
57588	27.36	2.50	1.75	-1399.51	46.13	400.31	-245.50	3152.03	-13.86
57589	28.70	3.10	1.75	-1085.37	45.05	371.05	175.28	3282.98	31.46
57590	28.75	2.50	1.75	-1090.84	35.56	277.97	-261.38	3329.50	-9.90
57591	30.11	3.10	1.75	-781.07	36.04	280.37	183.06	3418.17	24.51
57592	30.15	2.50	1.75	-788.35	27.40	192.10	-273.49	3465.40	-6.71
57593	31.51	3.10	1.75	-475.43	29.03	215.04	188.62	3522.14	19.42
57594	31.54	2.50	1.75	-482.45	21.23	132.59	-282.82	3570.39	-4.54
57595	32.91	3.10	1.75	-163.67	23.37	164.89	192.56	3601.12	15.48
57596	32.94	2.50	1.75	-169.75	16.40	89.83	-289.77	3649.83	-2.85
57597	34.32	3.10	1.75	154.93	18.40	122.88	195.28	3658.74	12.10
57598	34.34	2.50	1.75	149.85	12.32	57.02	-294.77	3707.36	-1.52
57599	35.72	3.10	1.75	479.22	13.66	84.76	197.05	3697.51	8.86
57600	35.73	2.50	1.75	475.02	8.60	29.79	-298.09	3745.71	-0.47
57601	37.12	3.10	1.75	807.48	8.93	48.06	198.03	3719.12	5.57
57602	37.13	2.50	1.75	804.03	5.01	5.27	-299.88	3766.84	0.41
57603	38.52	3.10	1.75	1137.97	4.17	11.27	198.32	3724.41	2.19
57604	38.53	2.50	1.75	1135.15	1.47	-18.68	-300.18	3771.79	1.22
57605	39.93	3.10	1.75	1469.10	-0.57	-26.65	197.93	3713.26	-1.24
57606	39.92	2.50	1.75	1466.74	-2.06	-43.82	-298.99	3760.61	2.05
57607	41.33	3.10	1.75	1799.27	-5.17	-66.41	196.81	3684.48	-4.62
57608	41.32	2.50	1.75	1797.13	-5.56	-71.74	-296.22	3732.21	3.03
57609	42.73	3.10	1.75	2126.64	-9.50	-108.52	194.83	3635.86	-7.81
57610	42.72	2.50	1.75	2124.42	-9.03	-103.84	-291.73	3684.48	4.27
57611	44.13	3.10	1.75	2448.91	-13.47	-153.36	191.78	3564.27	-10.69
57612	44.11	2.50	1.75	2446.28	-12.47	-141.47	-285.30	3614.27	5.91
57613	45.54	3.10	1.75	2763.17	-17.07	-201.65	187.41	3465.79	-13.19
57614	45.51	2.50	1.75	2759.78	-15.98	-186.25	-276.67	3517.64	8.08
57615	46.94	3.10	1.75	3066.10	-20.50	-255.32	181.36	3335.91	-15.36
57616	46.91	2.50	1.75	3061.52	-19.86	-240.88	-265.50	3389.98	10.99
57617	48.34	3.10	1.75	3354.74	-24.28	-319.14	173.19	3169.48	-17.38
57618	48.30	2.50	1.75	3348.29	-24.67	-310.63	-251.26	3226.05	14.97

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
57619	49.75	3.10	1.75	3628.46	-29.14	-402.57	162.32	2959.71	-19.75
57620	49.70	2.50	1.75	3618.60	-31.27	-404.97	-233.44	3019.36	20.86
57621	51.15	3.10	1.75	3891.51	-35.95	-520.55	146.51	2694.51	-21.28
57622	51.09	2.50	1.75	3876.06	-41.07	-538.59	-210.84	2759.15	28.86
57623	52.55	3.10	1.75	4155.36	-40.57	-674.07	124.92	2342.69	-23.16
57624	52.49	2.50	1.75	4134.02	-50.25	-713.76	-184.58	2415.93	44.19
57625	53.95	3.10	1.75	4403.67	-43.79	-820.72	94.55	1881.34	-12.80
57626	53.89	2.50	1.75	4381.84	-59.91	-894.57	-150.92	1969.27	46.55
57627	24.50	3.10	0.25	-1617.41	-50.49	1276.12	-19.54	3013.05	48.77
57628	24.56	2.50	0.25	-1589.88	-51.88	1226.03	29.41	3038.12	-10.17
57629	25.90	3.10	0.25	-1227.42	2.29	1000.18	-38.47	3361.62	-1.17
57630	25.96	2.50	0.25	-1205.55	6.10	948.36	58.39	3362.17	30.91
57631	27.30	3.10	0.25	-937.33	-7.63	727.41	-36.45	3540.66	5.24
57632	27.36	2.50	0.25	-931.59	-5.64	677.13	56.65	3534.85	16.34
57633	28.70	3.10	0.25	-692.51	-7.20	552.39	-43.23	3685.65	2.34
57634	28.75	2.50	0.25	-696.09	-4.62	500.41	59.05	3678.68	14.02
57635	30.11	3.10	0.25	-465.48	-6.51	427.27	-46.61	3813.15	2.72
57636	30.15	2.50	0.25	-470.67	-4.17	373.51	59.88	3804.36	11.38
57637	31.51	3.10	0.25	-242.37	-5.62	330.80	-48.94	3921.74	2.87
57638	31.55	2.50	0.25	-246.30	-3.50	277.65	61.05	3909.63	9.77
57639	32.91	3.10	0.25	-18.11	-4.65	251.32	-50.39	4008.88	2.93
57640	32.94	2.50	0.25	-20.27	-2.78	201.41	62.13	3992.92	8.32
57641	34.32	3.10	0.25	208.54	-3.72	182.46	-51.29	4074.20	2.80
57642	34.34	2.50	0.25	207.63	-2.11	137.94	63.02	4054.58	6.91
57643	35.72	3.10	0.25	437.30	-2.81	120.28	-51.84	4118.82	2.50
57644	35.73	2.50	0.25	436.93	-1.49	82.62	63.65	4096.23	5.40
57645	37.12	3.10	0.25	667.74	-1.92	61.73	-52.10	4144.32	2.06
57646	37.13	2.50	0.25	667.27	-0.92	31.85	64.03	4119.78	3.79
57647	38.52	3.10	0.25	899.68	-1.05	4.02	-52.11	4151.79	1.55
57648	38.53	2.50	0.25	898.62	-0.39	-17.65	64.16	4126.53	2.10
57649	39.93	3.10	0.25	1133.34	-0.20	-55.66	-51.86	4141.29	1.05
57650	39.92	2.50	0.25	1131.29	0.13	-69.07	64.04	4116.71	0.41
57651	41.33	3.10	0.25	1369.02	0.61	-120.00	-51.34	4111.49	0.65
57652	41.32	2.50	0.25	1365.67	0.65	-125.49	63.65	4089.15	-1.17
57653	42.73	3.10	0.25	1606.81	1.39	-191.44	-50.52	4059.63	0.47
57654	42.72	2.50	0.25	1601.95	1.18	-189.73	62.97	4041.23	-2.52
57655	44.13	3.10	0.25	1846.24	2.13	-272.04	-49.37	3981.66	0.63
57656	44.11	2.50	0.25	1839.84	1.75	-264.28	61.93	3968.97	-3.52
57657	45.54	3.10	0.25	2086.01	2.81	-363.55	-47.82	3872.73	1.24
57658	45.51	2.50	0.25	2078.31	2.37	-351.39	60.46	3867.48	-4.05
57659	46.94	3.10	0.25	2324.10	3.44	-468.23	-45.80	3727.97	2.49
57660	46.90	2.50	0.25	2315.53	3.09	-453.70	58.50	3731.65	-4.03
57661	48.34	3.10	0.25	2558.37	3.98	-590.49	-43.09	3543.71	4.51
57662	48.30	2.50	0.25	2549.31	3.89	-575.76	55.93	3557.18	-3.29
57663	49.75	3.10	0.25	2788.15	4.19	-740.44	-39.86	3318.81	8.01
57664	49.70	2.50	0.25	2778.42	4.51	-726.95	53.03	3341.68	-2.30
57665	51.15	3.10	0.25	3018.05	5.29	-939.65	-33.79	3053.91	9.69
57666	51.09	2.50	0.25	3004.91	6.87	-926.09	48.03	3085.03	1.09
57667	52.55	3.10	0.25	3261.87	-4.69	-1247.90	-32.20	2742.10	23.19
57668	52.49	2.50	0.25	3242.28	-2.75	-1226.46	44.51	2782.49	-6.45
57669	53.95	3.10	0.25	3560.55	35.96	-1617.19	-30.05	2261.26	-21.40
57670	53.89	2.50	0.25	3540.24	38.46	-1587.91	34.53	2332.10	40.73
57671	24.50	3.10	-1.25	-841.96	252.71	1889.64	-67.89	3612.13	-92.46
57672	24.57	2.50	-1.25	-811.83	271.30	1916.64	52.23	3662.74	197.43
57673	25.90	3.10	-1.25	-649.94	-30.18	1166.62	47.68	3701.14	44.11
57674	25.96	2.50	-1.25	-615.98	-37.87	1157.66	-18.69	3711.12	-23.82
57675	27.30	3.10	-1.25	-485.82	3.70	903.41	9.59	3806.35	0.80
57676	27.36	2.50	-1.25	-484.71	4.67	887.47	-4.47	3816.98	8.78
57677	28.71	3.10	-1.25	-340.63	1.20	721.44	12.39	3935.41	7.55
57678	28.75	2.50	-1.25	-341.34	0.58	696.48	-12.41	3945.96	3.24
57679	30.11	3.10	-1.25	-194.16	0.64	577.93	11.40	4063.17	6.61
57680	30.15	2.50	-1.25	-192.58	0.28	547.62	-13.70	4067.49	4.96
57681	31.51	3.10	-1.25	-46.49	0.92	454.00	11.27	4174.45	6.64
57682	31.55	2.50	-1.25	-42.29	0.54	422.46	-14.48	4171.39	5.05
57683	32.91	3.10	-1.25	100.24	0.87	344.32	11.54	4263.24	6.16
57684	32.94	2.50	-1.25	106.00	0.52	314.33	-14.86	4253.12	4.93
57685	34.32	3.10	-1.25	244.25	0.80	246.69	11.84	4328.67	5.41
57686	34.34	2.50	-1.25	250.11	0.47	220.00	-14.96	4312.73	4.44
57687	35.72	3.10	-1.25	384.95	0.64	158.95	12.11	4372.72	4.41
57688	35.73	2.50	-1.25	389.67	0.36	136.45	-14.96	4352.52	3.72
57689	37.12	3.10	-1.25	523.11	0.41	77.95	12.31	4398.15	3.26
57690	37.13	2.50	-1.25	525.80	0.19	60.00	-14.90	4375.33	2.84
57691	38.52	3.10	-1.25	660.66	0.14	-0.58	12.44	4407.11	2.03
57692	38.53	2.50	-1.25	660.66	0.00	-13.82	-14.80	4383.24	1.88
57693	39.93	3.10	-1.25	800.33	-0.14	-81.64	12.50	4400.26	0.80
57694	39.92	2.50	-1.25	797.08	-0.21	-90.03	-14.66	4376.95	0.93
57695	41.33	3.10	-1.25	945.24	-0.43	-170.52	12.47	4376.39	-0.33
57696	41.32	2.50	-1.25	938.26	-0.43	-173.82	-14.48	4355.36	0.06
57697	42.73	3.10	-1.25	1098.45	-0.69	-272.25	12.31	4332.27	-1.27
57698	42.72	2.50	-1.25	1087.41	-0.63	-270.08	-14.30	4315.45	-0.63
57699	44.13	3.10	-1.25	1262.46	-0.89	-391.02	11.97	4262.81	-1.89
57700	44.11	2.50	-1.25	1247.41	-0.79	-382.98	-14.13	4252.33	-1.01
57701	45.54	3.10	-1.25	1438.75	-0.99	-529.75	11.40	4161.63	-2.03
57702	45.51	2.50	-1.25	1420.33	-0.90	-515.50	-14.02	4159.70	-0.97
57703	46.94	3.10	-1.25	1627.29	-1.04	-690.04	10.54	4022.39	-1.62
57704	46.90	2.50	-1.25	1606.96	-0.96	-669.39	-13.93	4030.86	-0.29
57705	48.34	3.10	-1.25	1826.65	-0.92	-873.37	9.33	3840.73	-0.10
57706	48.30	2.50	-1.25	1806.68	-0.94	-846.01	-13.85	3860.42	0.83
57707	49.74	3.10	-1.25	2034.77	-0.49	-1083.95	8.41	3616.52	0.37
57708	49.70	2.50	-1.25	2018.16	-0.35	-1049.34	-14.53	3646.69	4.74
57709	51.15	3.10	-1.25	2250.66	-6.57	-1341.95	1.92	3357.93	13.31
57710	51.09	2.50	-1.25	2241.77	-7.77	-1296.10	-10.95	3391.79	0.53
57711	52.55	3.10	-1.25	2492.81	32.75	-1688.07	19.90	3081.08	-26.34
57712	52.49	2.50	-1.25	2478.04	35.84	-1620.30	-18.42	3110.77	46.80
57713	53.95	3.10	-1.25	2780.36	-199.16	-2561.82	-18.37	2788.12	132.02
57714	53.89	2.50	-1.25	2812.70	-197.44	-2468.36	-43.03	2835.14	-180.27
57715	23.35	2.50	1.75	-2450.17	60.44	656.41	-174.60	2113.33	-10.21
57716	23.27	3.10	1.75	-2444.88	66.17	729.73	84.49	2047.16	27.69
57717	22.31	2.50	1.75	-2811.03	22.06	326.62	-150.56	1670.16	-5.48



Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
57718	22.24	3.10	1.75	-2789.55	28.49	397.57	53.51	1616.98	15.39
57719	21.28	2.50	1.75	-3101.52	-44.59	-275.98	-154.34	1512.36	35.31
57720	21.20	3.10	1.75	-3053.49	-34.42	-175.88	54.77	1487.88	-5.88
57721	20.24	2.50	1.75	-3273.65	-117.68	-1040.39	-106.41	1555.70	105.36
57722	20.16	3.10	1.75	-3185.72	-81.65	-886.59	43.52	1567.84	-24.65
57723	19.21	2.50	1.75	-3140.39	-294.09	-1617.86	-157.54	1355.67	245.32
57724	19.12	3.10	1.75	-3143.18	-269.49	-1532.95	278.36	1322.59	-11.13
57725	23.39	2.50	0.25	-1947.21	-100.17	1234.41	8.66	2409.06	-54.36
57726	23.31	3.10	0.25	-1936.96	-101.89	1263.70	-12.59	2385.29	79.30
57727	22.43	2.50	0.25	-2116.59	-56.75	689.41	2.23	1823.16	-28.38
57728	22.35	3.10	0.25	-2075.04	-56.88	705.19	1.72	1831.66	36.74
57729	21.47	2.50	0.25	-2237.31	-18.01	-118.51	-10.62	1626.48	5.89
57730	21.39	3.10	0.25	-2185.49	-18.42	-103.15	17.08	1658.15	25.88
57731	20.51	2.50	0.25	-2348.34	53.45	-826.87	41.10	1584.10	-13.70
57732	20.43	3.10	0.25	-2277.97	50.05	-832.62	-36.57	1609.15	49.03
57733	19.55	2.50	0.25	-2458.68	-153.82	-1286.94	-110.90	1566.89	135.55
57734	19.46	3.10	0.25	-2499.33	-172.96	-1350.30	192.73	1498.07	-3.49
57735	23.43	2.50	-1.25	-1066.09	520.96	2114.36	49.11	2563.64	278.44
57736	23.35	3.10	-1.25	-1050.24	524.73	2086.75	-108.04	2549.65	-270.66
57737	22.54	2.50	-1.25	-1266.63	294.21	1082.73	124.85	1937.19	102.66
57738	22.47	3.10	-1.25	-1228.19	288.47	1060.92	-109.99	1929.50	-118.68
57739	21.66	2.50	-1.25	-1441.99	96.26	84.84	133.97	1789.98	38.36
57740	21.58	3.10	-1.25	-1419.55	79.94	22.74	-98.51	1781.73	-4.41
57741	20.78	2.50	-1.25	-1655.77	7.41	-646.73	151.92	1753.34	-35.14
57742	20.69	3.10	-1.25	-1638.79	-4.95	-755.00	-126.69	1728.33	72.63
57743	19.89	2.50	-1.25	-1848.37	-217.96	-1179.15	36.25	1749.65	65.07
57744	19.81	3.10	-1.25	-1883.57	-232.37	-1292.53	11.65	1691.49	25.63
57745	24.57	2.50	-2.70	-375.92	323.64	1656.15	54.03	3868.84	350.33
57746	25.96	2.50	-2.70	-241.20	-60.63	1294.16	-19.42	3832.95	-72.19
57747	27.36	2.50	-2.70	-157.90	6.58	1067.76	11.28	3969.20	13.29
57748	28.75	2.50	-2.70	-58.23	-0.02	881.96	2.26	4108.19	1.62
57749	30.15	2.50	-2.70	42.62	0.14	712.66	3.29	4231.46	6.17
57750	31.55	2.50	-2.70	137.32	0.78	556.49	3.68	4329.47	6.03
57751	32.94	2.50	-2.70	219.80	0.82	415.49	4.15	4400.57	5.99
57752	34.34	2.50	-2.70	287.82	0.76	291.35	4.58	4448.45	5.30
57753	35.73	2.50	-2.70	342.71	0.57	182.71	4.87	4478.38	4.35
57754	37.13	2.50	-2.70	388.08	0.31	85.37	5.06	4495.21	3.26
57755	38.53	2.50	-2.70	428.84	0.01	-6.86	5.18	4502.31	2.12
57756	39.92	2.50	-2.70	470.64	-0.32	-101.34	5.25	4501.14	0.97
57757	41.32	2.50	-2.70	519.66	-0.67	-205.93	5.24	4490.95	-0.13
57758	42.72	2.50	-2.70	582.45	-1.02	-328.28	5.08	4468.70	-1.13
57759	44.11	2.50	-2.70	665.75	-1.36	-475.00	4.68	4428.88	-1.91
57760	45.51	2.50	-2.70	775.92	-1.59	-650.61	3.91	4363.73	-2.38
57761	46.90	2.50	-2.70	918.08	-1.70	-856.21	2.65	4264.16	-2.15
57762	48.30	2.50	-2.70	1095.10	-1.79	-1088.83	1.14	4122.21	-2.14
57763	49.70	2.50	-2.70	1308.46	0.21	-1342.98	-2.53	3936.01	2.67
57764	51.09	2.50	-2.70	1565.29	-13.20	-1618.00	-2.20	3714.94	-10.63
57765	52.49	2.50	-2.70	1885.22	40.40	-1930.90	-5.93	3488.70	75.71
57766	53.88	2.50	-2.70	2362.48	-80.18	-2247.67	-156.89	3492.68	-393.60
57767	24.50	3.10	-2.70	-348.24	308.92	1635.93	-100.15	3785.39	-229.21
57768	25.90	3.10	-2.70	-264.16	-52.07	1288.56	41.56	3807.90	44.34
57769	27.30	3.10	-2.70	-161.56	3.78	1073.02	-10.60	3940.40	-14.36
57770	28.71	3.10	-2.70	-68.56	-0.10	894.00	-3.24	4087.90	6.42
57771	30.11	3.10	-2.70	27.31	-0.26	727.51	-4.41	4223.73	4.47
57772	31.51	3.10	-2.70	119.74	0.56	570.83	-4.13	4333.30	5.96
57773	32.91	3.10	-2.70	202.71	0.67	427.72	-3.66	4414.00	5.72
57774	34.32	3.10	-2.70	273.26	0.66	301.14	-3.31	4468.87	5.16
57775	35.72	3.10	-2.70	331.88	0.49	190.41	-3.05	4503.42	4.25
57776	37.12	3.10	-2.70	381.64	0.25	91.49	-2.88	4522.96	3.19
57777	38.52	3.10	-2.70	427.28	-0.04	-2.04	-2.76	4531.24	2.08
57778	39.93	3.10	-2.70	474.50	-0.36	-97.98	-2.67	4529.90	0.96
57779	41.33	3.10	-2.70	529.58	-0.71	-204.73	-2.63	4518.17	-0.12
57780	42.73	3.10	-2.70	599.02	-1.07	-330.55	-2.72	4492.77	-1.09
57781	44.13	3.10	-2.70	689.13	-1.41	-482.63	-3.03	4447.81	-1.86
57782	45.54	3.10	-2.70	805.28	-1.64	-665.86	-3.69	4375.17	-2.23
57783	46.94	3.10	-2.70	950.90	-1.77	-881.39	-4.76	4265.88	-2.26
57784	48.34	3.10	-2.70	1126.73	-1.71	-1126.01	-6.58	4113.22	-0.52
57785	49.74	3.10	-2.70	1332.11	-0.39	-1394.30	-7.22	3917.21	-2.84
57786	51.15	3.10	-2.70	1568.73	-11.48	-1686.95	-16.34	3694.58	18.48
57787	52.55	3.10	-2.70	1859.48	37.46	-2020.85	-15.15	3485.46	-50.66
57788	53.95	3.10	-2.70	2246.44	-97.10	-2341.34	75.35	3447.36	231.85
57789	24.57	2.50	-4.10	-146.26	124.28	1372.49	-23.96	4065.80	425.19
57790	25.96	2.50	-4.10	-6.65	-27.58	1372.25	-25.64	3993.49	-79.84
57791	27.36	2.50	-4.10	104.06	4.25	1242.36	-5.62	4094.40	11.68
57792	28.75	2.50	-4.10	198.35	0.66	1059.97	-7.91	4226.34	0.90
57793	30.15	2.50	-4.10	275.81	0.92	861.35	-5.58	4335.75	6.48
57794	31.55	2.50	-4.10	327.45	1.38	666.43	-4.08	4410.82	6.61
57795	32.94	2.50	-4.10	348.29	1.28	490.47	-3.04	4454.96	6.45
57796	34.34	2.50	-4.10	340.07	1.04	339.68	-2.43	4477.63	5.58
57797	35.73	2.50	-4.10	308.46	0.71	212.61	-2.11	4487.87	4.51
57798	37.13	2.50	-4.10	260.78	0.34	103.14	-1.95	4492.51	3.37
57799	38.53	2.50	-4.10	204.85	-0.04	2.48	-1.85	4495.92	2.21
57800	39.92	2.50	-4.10	148.72	-0.44	-99.54	-1.78	4500.15	1.05
57801	41.32	2.50	-4.10	100.83	-0.89	-213.67	-1.78	4505.13	-0.13
57802	42.72	2.50	-4.10	70.46	-1.38	-350.77	-1.93	4508.43	-1.34
57803	44.11	2.50	-4.10	67.97	-1.90	-520.91	-2.41	4504.87	-2.51
57804	45.51	2.50	-4.10	104.56	-2.37	-731.66	-3.45	4485.96	-3.56
57805	46.90	2.50	-4.10	191.02	-2.69	-985.30	-5.35	4440.10	-4.06
57806	48.30	2.50	-4.10	335.01	-2.82	-1274.40	-8.07	4354.64	-4.58
57807	49.70	2.50	-4.10	537.14	-1.11	-1577.41	-12.41	4224.53	-0.71
57808	51.09	2.50	-4.10	793.11	-8.13	-1861.83	-16.73	4066.66	-15.90
57809	52.49	2.50	-4.10	1105.10	10.32	-2058.30	-11.27	3958.31	68.86
57810	53.88	2.50	-4.10	1414.77	71.29	-2000.90	-139.02	4043.29	-461.12
57811	24.50	3.10	-4.10	-51.97	130.15	1392.62	-40.95	3968.41	-269.49
57812	25.90	3.10	-4.10	-0.60	-24.78	1383.32	11.35	3962.06	64.85
57813	27.30	3.10	-4.10	88.76	4.18	1252.29	-4.14	4061.87	-14.43
57814	28.71	3.10	-4.10	169.18	1.32	1065.58	2.04	4203.38	8.23
57815	30.11	3.10	-4.10	241.08	1.36	861.82	2.94	4328.95	6.45
57816	31.51	3.10	-4.10	293.43	1.80	661.86	4.15	4417.26	7.51

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
57817	32.91	3.10	-4.10	318.87	1.64	482.29	4.95	4470.90	6.75
57818	34.32	3.10	-4.10	316.92	1.33	330.04	5.34	4499.59	5.74
57819	35.72	3.10	-4.10	291.92	0.92	203.51	5.51	4513.37	4.56
57820	37.12	3.10	-4.10	250.76	0.48	96.02	5.58	4519.99	3.38
57821	38.52	3.10	-4.10	201.36	0.03	-1.96	5.64	4524.40	2.22
57822	39.93	3.10	-4.10	152.11	-0.44	-101.30	5.72	4529.00	1.06
57823	41.33	3.10	-4.10	111.86	-0.96	-213.61	5.79	4533.75	-0.14
57824	42.73	3.10	-4.10	90.10	-1.53	-350.66	5.77	4536.04	-1.38
57825	44.13	3.10	-4.10	96.97	-2.15	-523.52	5.49	4530.20	-2.68
57826	45.54	3.10	-4.10	142.56	-2.71	-740.71	4.73	4507.09	-3.88
57827	46.94	3.10	-4.10	235.18	-3.12	-1004.98	3.24	4454.43	-5.01
57828	48.34	3.10	-4.10	378.52	-3.17	-1308.18	0.64	4360.01	-4.75
57829	49.74	3.10	-4.10	568.23	-1.97	-1626.98	-1.99	4220.68	-8.28
57830	51.15	3.10	-4.10	793.09	-7.36	-1925.55	-8.06	4063.01	9.96
57831	52.55	3.10	-4.10	1042.82	9.66	-2124.95	-27.46	3957.98	-84.48
57832	53.95	3.10	-4.10	1282.18	60.70	-2061.84	103.09	3972.36	283.12
57833	24.57	2.50	-5.50	376.02	187.52	1307.57	39.62	4036.64	398.21
57834	25.96	2.50	-5.50	384.65	-34.52	1460.89	-22.77	4072.64	-50.53
57835	27.36	2.50	-5.50	444.65	4.19	1416.30	10.72	4197.93	26.45
57836	28.75	2.50	-5.50	528.23	4.90	1223.27	11.50	4322.00	12.18
57837	30.15	2.50	-5.50	580.72	4.78	973.52	15.68	4395.07	13.64
57838	31.55	2.50	-5.50	578.92	4.31	729.62	17.41	4419.79	10.72
57839	32.94	2.50	-5.50	523.77	3.19	520.01	17.90	4414.73	8.41
57840	34.34	2.50	-5.50	425.11	2.21	350.77	17.85	4396.75	6.33
57841	35.73	2.50	-5.50	294.93	1.40	216.77	17.63	4377.57	4.72
57842	37.13	2.50	-5.50	144.39	0.79	107.83	17.45	4364.35	3.43
57843	38.53	2.50	-5.50	-16.71	0.29	11.87	17.41	4361.09	2.33
57844	39.92	2.50	-5.50	-179.53	-0.18	-83.88	17.53	4369.83	1.25
57845	41.32	2.50	-5.50	-335.17	-0.73	-192.70	17.80	4391.21	0.05
57846	42.72	2.50	-5.50	-473.54	-1.46	-328.48	18.15	4424.42	-1.46
57847	44.11	2.50	-5.50	-582.22	-2.44	-505.43	18.45	4466.23	-3.48
57848	45.51	2.50	-5.50	-645.97	-3.67	-736.56	18.40	4509.48	-6.23
57849	46.90	2.50	-5.50	-647.40	-5.00	-1029.66	17.52	4541.02	-9.59
57850	48.30	2.50	-5.50	-570.83	-5.73	-1379.34	15.18	4540.51	-14.11
57851	49.70	2.50	-5.50	-412.19	-4.78	-1750.91	10.43	4482.88	-15.23
57852	51.09	2.50	-5.50	-204.08	-3.11	-2062.13	8.77	4359.13	-33.52
57853	52.49	2.50	-5.50	-30.45	30.92	-2188.59	-10.58	4216.20	38.78
57854	53.88	2.50	-5.50	24.40	-113.23	-2033.77	19.31	4109.99	-402.00
57855	24.50	3.10	-5.50	510.92	186.40	1324.18	-115.50	3935.49	-255.54
57856	25.90	3.10	-5.50	402.85	-34.09	1467.77	-7.72	4039.37	56.17
57857	27.30	3.10	-5.50	417.65	0.85	1418.32	-33.24	4173.08	-15.62
57858	28.71	3.10	-5.50	476.49	2.99	1212.94	-21.22	4308.94	6.08
57859	30.11	3.10	-5.50	525.20	3.43	950.61	-16.38	4396.84	5.73
57860	31.51	3.10	-5.50	529.77	3.28	698.48	-12.99	4431.40	7.17
57861	32.91	3.10	-5.50	484.40	2.39	486.01	-11.04	4431.82	6.56
57862	34.32	3.10	-5.50	395.62	1.57	318.33	-10.06	4416.44	5.63
57863	35.72	3.10	-5.50	274.26	0.90	188.92	-9.58	4398.41	4.53
57864	37.12	3.10	-5.50	131.51	0.42	86.40	-9.35	4385.79	3.40
57865	38.52	3.10	-5.50	-22.35	0.05	-2.26	-9.24	4383.07	2.26
57866	39.93	3.10	-5.50	-177.82	-0.29	-90.58	-9.19	4392.55	1.09
57867	41.33	3.10	-5.50	-325.35	-0.72	-192.56	-9.23	4415.02	-0.13
57868	42.73	3.10	-5.50	-454.30	-1.31	-322.98	-9.48	4449.63	-1.45
57869	44.13	3.10	-5.50	-552.09	-2.13	-497.17	-10.15	4492.88	-2.88
57870	45.54	3.10	-5.50	-604.12	-3.16	-729.55	-11.61	4536.82	-4.31
57871	46.94	3.10	-5.50	-595.34	-4.20	-1029.27	-14.42	4566.85	-5.62
57872	48.34	3.10	-5.50	-515.30	-4.42	-1391.05	-19.16	4560.93	-5.21
57873	49.74	3.10	-5.50	-368.72	-2.86	-1776.68	-25.34	4492.72	-7.13
57874	51.15	3.10	-5.50	-198.56	0.88	-2094.62	-35.73	4358.76	11.81
57875	52.55	3.10	-5.50	-83.02	29.56	-2210.98	-17.80	4196.48	-65.95
57876	53.95	3.10	-5.50	-107.68	-109.11	-2051.66	-59.84	4027.91	279.17
57877	24.57	2.50	-6.90	991.32	213.37	1462.63	40.13	3793.60	317.10
57878	25.96	2.50	-6.90	881.84	-94.18	1719.98	-121.79	4028.03	-101.58
57879	27.36	2.50	-6.90	941.58	-43.25	1651.65	-80.75	4281.91	-10.25
57880	28.75	2.50	-6.90	1025.85	-26.52	1349.14	-79.09	4390.86	-11.11
57881	30.15	2.50	-6.90	1021.60	-17.45	1006.49	-71.87	4382.83	-1.67
57882	31.55	2.50	-6.90	927.16	-9.43	710.79	-67.52	4322.40	1.45
57883	32.94	2.50	-6.90	762.21	-4.85	480.48	-65.04	4247.12	3.32
57884	34.34	2.50	-6.90	548.37	-2.19	310.76	-63.56	4178.00	3.90
57885	35.73	2.50	-6.90	303.20	-0.93	187.57	-62.73	4125.00	3.76
57886	37.13	2.50	-6.90	39.50	-0.56	95.17	-62.30	4092.09	3.15
57887	38.53	2.50	-6.90	-233.72	-0.67	18.63	-62.16	4080.67	2.27
57888	39.92	2.50	-6.90	-509.61	-0.95	-56.10	-62.29	4091.61	1.27
57889	41.32	2.50	-6.90	-781.76	-1.08	-143.11	-62.72	4126.26	0.32
57890	42.72	2.50	-6.90	-1042.44	-0.73	-257.88	-63.57	4186.33	-0.46
57891	44.11	2.50	-6.90	-1280.67	0.57	-418.28	-65.06	4272.82	-0.84
57892	45.51	2.50	-6.90	-1480.36	3.43	-644.47	-67.58	4383.52	-0.58
57893	46.90	2.50	-6.90	-1619.05	8.53	-956.06	-71.61	4508.64	1.04
57894	48.30	2.50	-6.90	-1668.69	17.57	-1363.49	-78.11	4623.95	4.36
57895	49.70	2.50	-6.90	-1603.08	27.81	-1852.28	-87.36	4681.42	15.17
57896	51.09	2.50	-6.90	-1421.60	48.93	-2323.48	-90.39	4587.24	18.67
57897	52.49	2.50	-6.90	-1271.06	94.29	-2543.81	-127.55	4278.71	116.44
57898	53.88	2.50	-6.90	-1352.37	-211.22	-2378.27	73.23	3896.64	-290.79
57899	24.50	3.10	-6.90	1168.63	222.53	1467.37	-136.72	3689.07	-191.92
57900	25.90	3.10	-6.90	883.14	-83.93	1697.54	92.08	3986.05	125.94
57901	27.30	3.10	-6.90	886.15	-33.21	1619.44	59.27	4268.67	44.24
57902	28.71	3.10	-6.90	949.08	-18.07	1298.12	70.22	4397.73	46.39
57903	30.11	3.10	-6.90	949.72	-10.50	942.13	68.76	4401.33	29.63
57904	31.51	3.10	-6.90	868.89	-4.19	642.57	64.90	4344.86	19.50
57905	32.91	3.10	-6.90	717.99	-0.83	415.62	60.88	4270.30	12.07
57906	34.32	3.10	-6.90	516.08	0.85	253.61	57.47	4200.79	7.56
57907	35.72	3.10	-6.90	280.54	1.33	140.49	55.04	4147.32	4.88
57908	37.12	3.10	-6.90	24.79	1.04	59.38	53.56	4114.25	3.32
57909	38.52	3.10	-6.90	-241.37	0.33	-5.29	52.94	4103.13	2.32
57910	39.93	3.10	-6.90	-510.29	-0.53	-67.89	53.14	4114.96	1.45
57911	41.33	3.10	-6.90	-774.84	-1.30	-142.79	54.16	4151.23	0.27
57912	42.73	3.10	-6.90	-1026.57	-1.68	-245.81	56.12	4213.84	-1.71
57913	44.13	3.10	-6.90	-1253.89	-1.28	-395.47	59.13	4303.84	-5.23
57914	45.54	3.10	-6.90	-1440.45	0.42	-613.11	63.24	4418.65	-11.21
57915	46.94	3.10	-6.90	-1564.70	4.06	-920.33	68.02	4547.03	-21.00

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
57916	48.34	3.10	-6.90	-1602.24	11.11	-1330.15	72.77	4661.40	-34.59
57917	49.74	3.10	-6.90	-1536.14	19.64	-1829.36	75.11	4706.91	-55.49
57918	51.15	3.10	-6.90	-1381.08	39.12	-2312.58	67.23	4586.24	-57.19
57919	52.55	3.10	-6.90	-1284.68	84.93	-2528.83	104.58	4233.12	-147.27
57920	53.95	3.10	-6.90	-1510.01	-210.58	-2379.63	-142.60	3811.25	213.44
57921	24.57	2.50	-8.30	1451.12	412.54	2033.18	201.61	3253.85	400.46
57922	25.96	2.50	-8.30	1572.97	297.76	2373.74	209.05	4070.63	214.56
57923	27.36	2.50	-8.30	1813.52	284.68	1924.20	315.78	4408.94	198.13
57924	28.75	2.50	-8.30	1812.12	204.89	1363.42	335.74	4381.95	124.14
57925	30.15	2.50	-8.30	1645.61	131.36	916.40	339.92	4245.41	76.71
57926	31.55	2.50	-8.30	1377.32	77.98	589.70	335.42	4087.58	43.48
57927	32.94	2.50	-8.30	1050.49	42.31	367.60	329.07	3947.34	23.66
57928	34.34	2.50	-8.30	692.42	20.98	222.85	323.63	3838.48	12.41
57929	35.73	2.50	-8.30	319.00	9.65	129.87	319.84	3762.89	6.50
57930	37.13	2.50	-8.30	-61.53	4.69	68.14	317.78	3718.10	3.61
57931	38.53	2.50	-8.30	-445.52	3.18	21.96	317.36	3701.44	2.20
57932	39.92	2.50	-8.30	-831.67	2.70	-21.45	318.60	3711.98	1.12
57933	41.32	2.50	-8.30	-1219.41	0.89	-74.36	321.67	3751.42	-0.68
57934	42.72	2.50	-8.30	-1607.31	-4.90	-151.12	326.91	3824.11	-4.52
57935	44.11	2.50	-8.30	-1991.27	-18.08	-270.79	334.76	3936.30	-12.30
57936	45.51	2.50	-8.30	-2361.79	-43.12	-459.59	345.47	4093.91	-27.01
57937	46.90	2.50	-8.30	-2700.20	-85.51	-751.65	358.51	4297.52	-52.81
57938	48.30	2.50	-8.30	-2973.71	-149.95	-1186.15	370.75	4532.95	-95.68
57939	49.70	2.50	-8.30	-3128.49	-240.66	-1793.63	374.63	4754.36	-157.20
57940	51.09	2.50	-8.30	-3079.58	-339.16	-2597.55	359.84	4852.86	-250.54
57941	52.49	2.50	-8.30	-2697.56	-369.75	-3352.27	243.33	4471.19	-287.90
57942	53.88	2.50	-8.30	-2454.86	-478.55	-3217.12	279.71	3388.02	-434.03
57943	24.50	3.10	-8.30	1577.84	401.70	1992.26	-421.35	3236.25	-294.51
57944	25.90	3.10	-8.30	1560.39	261.56	2253.22	-355.88	4110.61	-130.80
57945	27.30	3.10	-8.30	1759.80	247.22	1773.78	-366.92	4443.25	-113.38
57946	28.71	3.10	-8.30	1746.75	173.47	1206.97	-315.41	4390.29	-62.37
57947	30.11	3.10	-8.30	1587.09	106.84	772.12	-275.83	4228.72	-36.98
57948	31.51	3.10	-8.30	1329.96	58.70	463.98	-244.91	4050.69	-17.90
57949	32.91	3.10	-8.30	1013.58	27.32	261.51	-222.15	3896.28	-6.57
57950	34.32	3.10	-8.30	664.20	9.41	135.66	-206.31	3778.08	-0.30
57951	35.72	3.10	-8.30	297.97	0.95	60.57	-195.87	3696.66	2.49
57952	37.12	3.10	-8.30	-76.37	-1.52	16.02	-189.65	3648.51	3.19
57953	38.52	3.10	-8.30	-454.66	-0.72	-13.27	-186.82	3630.29	2.79
57954	39.93	3.10	-8.30	-835.15	1.08	-39.58	-187.01	3640.83	2.12
57955	41.33	3.10	-8.30	-1216.86	1.72	-74.63	-190.33	3681.90	1.91
57956	42.73	3.10	-8.30	-1597.90	-1.27	-132.12	-197.40	3758.28	3.03
57957	44.13	3.10	-8.30	-1973.66	-11.08	-230.39	-209.29	3876.97	6.67
57958	45.54	3.10	-8.30	-2334.20	-31.93	-395.08	-227.54	4044.92	14.58
57959	46.94	3.10	-8.30	-2660.76	-69.01	-660.61	-254.06	4263.81	28.98
57960	48.34	3.10	-8.30	-2922.02	-127.01	-1068.82	-290.39	4520.08	53.89
57961	49.74	3.10	-8.30	-3069.92	-209.48	-1658.24	-337.93	4765.63	89.87
57962	51.15	3.10	-8.30	-3034.50	-302.19	-2470.40	-398.65	4886.96	161.35
57963	52.55	3.10	-8.30	-2689.74	-339.01	-3273.84	-382.84	4502.20	217.00
57964	53.95	3.10	-8.30	-2568.03	-469.94	-3214.42	-464.88	3378.10	409.81
57965	56.42	8.10	1.75	4833.58	-69.60	-1145.13	-142.05	1014.36	112.23
57966	57.53	8.10	1.75	4851.95	-85.44	-1119.29	-56.00	136.64	162.93
57967	58.64	8.10	1.75	4760.59	-78.97	-886.03	17.50	-554.35	160.28
57968	59.75	8.10	1.75	4708.33	-64.92	-617.98	133.42	-1027.89	67.26
57969	60.87	8.10	1.75	4528.90	200.34	-243.86	111.08	-1325.61	161.95
57970	56.65	8.70	1.75	4912.03	-22.68	-709.30	-43.03	753.15	73.50
57971	57.78	8.70	1.75	4853.85	-29.52	-598.84	-28.93	-26.31	116.14
57972	58.90	8.70	1.75	4683.07	-13.55	-409.24	11.65	-569.46	94.75
57973	60.03	8.70	1.75	4511.46	-68.26	-245.75	-27.00	-943.57	60.81
57974	61.16	8.70	1.75	4852.99	224.47	-62.83	495.14	-1158.07	6.39
57975	56.38	8.10	0.25	3979.78	101.62	-1738.19	-0.38	1080.76	171.92
57976	57.41	8.10	0.25	3907.15	92.70	-1505.94	-6.48	26.10	215.26
57977	58.44	8.10	0.25	3743.64	57.70	-1028.68	-22.69	-610.63	196.43
57978	59.46	8.10	0.25	3672.99	32.29	-734.56	15.28	-967.40	101.96
57979	60.49	8.10	0.25	3523.58	92.92	-458.93	-63.15	-1248.19	314.34
57980	56.61	8.70	0.25	3878.89	118.82	-1775.53	-51.13	858.08	17.18
57981	57.65	8.70	0.25	3668.03	110.32	-1535.92	-36.07	-98.64	106.39
57982	58.69	8.70	0.25	3471.18	75.61	-1095.32	-28.37	-624.31	112.32
57983	59.74	8.70	0.25	3377.55	26.31	-732.27	-73.29	-957.51	86.91
57984	60.78	8.70	0.25	3784.02	187.62	-420.69	359.84	-1112.34	87.20
57985	56.33	8.10	-1.25	2843.36	-450.72	-2661.39	-194.83	897.97	-199.33
57986	57.28	8.10	-1.25	2729.08	-429.98	-1833.98	-28.47	-127.53	-2.52
57987	58.23	8.10	-1.25	2597.99	-284.32	-1087.89	65.30	-600.10	28.44
57988	59.17	8.10	-1.25	2497.87	-174.41	-665.12	99.80	-831.64	30.07
57989	60.12	8.10	-1.25	2284.67	-264.43	-519.03	209.29	-1016.98	373.17
57990	56.57	8.70	-1.25	2634.31	-554.17	-3251.91	-56.84	811.37	485.92
57991	57.52	8.70	-1.25	2401.72	-573.80	-2602.39	90.03	-277.58	459.55
57992	58.48	8.70	-1.25	2254.85	-356.64	-1801.10	199.85	-777.20	285.20
57993	59.44	8.70	-1.25	2152.77	-326.04	-1344.91	234.34	-1103.28	277.03
57994	60.40	8.70	-1.25	2364.35	-317.27	-1016.74	575.67	-1150.46	430.88
57995	55.11	8.10	1.75	4631.88	-42.60	-907.52	-208.20	1758.87	76.08
57996	55.32	8.70	1.75	4761.44	-9.51	-608.12	-55.72	1423.80	43.61
57997	53.60	8.10	1.75	4403.30	-22.77	-655.32	-260.20	2225.52	54.57
57998	53.79	8.70	1.75	4525.77	-6.17	-465.65	-70.65	1905.59	22.82
57999	52.08	8.10	1.75	4155.51	-5.34	-439.34	-306.18	2573.44	18.02
58000	52.26	8.70	1.75	4247.21	-2.59	-334.42	-84.16	2261.39	5.54
58001	50.57	8.10	1.75	3889.51	7.81	-285.48	-347.37	2833.86	0.22
58002	50.72	8.70	1.75	3951.74	2.29	-250.71	-99.47	2527.68	-3.74
58003	49.06	8.10	1.75	3594.25	14.51	-181.12	-380.84	3035.54	-10.19
58004	49.19	8.70	1.75	3636.86	4.68	-199.66	-113.59	2735.20	-7.65
58005	47.54	8.10	1.75	3273.16	17.40	-109.72	-406.83	3189.24	-15.56
58006	47.66	8.70	1.75	3303.29	5.51	-161.27	-124.45	2896.37	-9.58
58007	46.03	8.10	1.75	2933.15	17.57	-62.03	-426.43	3303.47	-17.46
58008	46.12	8.70	1.75	2954.16	5.41	-127.41	-132.62	3018.69	-10.04
58009	44.52	8.10	1.75	2580.36	15.63	-32.63	-440.93	3385.99	-16.56
58010	44.59	8.70	1.75	2594.05	4.69	-95.79	-138.68	3108.33	-9.36
58011	43.01	8.10	1.75	2219.34	12.07	-17.67	-451.34	3443.53	-13.42
58012	43.06	8.70	1.75	2227.20	3.53	-66.41	-143.08	3171.01	-7.70
58013	41.49	8.10	1.75	1853.26	7.33	-13.66	-458.43	3481.54	-8.63
58014	41.52	8.70	1.75	1856.79	2.05	-39.55	-146.10	3211.78	-5.31

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
58015	39.98	8.10	1.75	1484.37	1.86	-17.11	-462.70	3504.02	-2.80
58016	39.99	8.70	1.75	1484.88	0.39	-15.12	-147.91	3234.74	-2.48
58017	38.47	8.10	1.75	1114.33	-3.88	-24.41	-464.47	3513.45	3.43
58018	38.46	8.70	1.75	1112.75	-1.35	7.47	-148.60	3242.68	0.50
58019	36.96	8.10	1.75	744.63	-9.47	-31.95	-463.84	3510.81	9.45
58020	36.93	8.70	1.75	741.31	-3.04	29.05	-148.23	3236.87	3.34
58021	35.44	8.10	1.75	376.74	-14.51	-36.13	-460.75	3495.57	14.74
58022	35.39	8.70	1.75	371.52	-4.59	50.47	-146.76	3217.09	5.82
58023	33.93	8.10	1.75	12.36	-18.66	-33.23	-454.88	3465.78	18.83
58024	33.86	8.70	1.75	4.68	-5.89	72.47	-144.10	3181.76	7.78
58025	32.42	8.10	1.75	-346.37	-21.64	-19.21	-445.71	3418.07	21.37
58026	32.33	8.70	1.75	-357.57	-6.82	96.03	-139.99	3128.24	9.17
58027	30.91	8.10	1.75	-696.83	-23.12	10.79	-432.45	3347.83	22.10
58028	30.79	8.70	1.75	-713.73	-7.22	123.21	-134.09	3052.97	10.06
58029	29.39	8.10	1.75	-1036.36	-22.68	63.52	-414.26	3249.42	20.69
58030	29.26	8.70	1.75	-1063.73	-6.80	159.09	-125.97	2951.37	10.43
58031	27.88	8.10	1.75	-1363.91	-19.43	148.42	-390.85	3116.02	16.03
58032	27.73	8.70	1.75	-1410.65	-5.00	214.15	-115.71	2816.35	10.03
58033	26.37	8.10	1.75	-1684.78	-11.96	277.58	-362.99	2937.15	6.72
58034	26.19	8.70	1.75	-1760.29	-1.92	305.53	-106.31	2634.09	6.15
58035	24.85	8.10	1.75	-2015.15	-5.45	444.90	-334.90	2683.96	-15.15
58036	24.66	8.70	1.75	-2117.80	-1.79	430.40	-98.20	2373.49	-1.96
58037	23.34	8.10	1.75	-2338.21	8.52	603.88	-299.17	2339.84	-18.13
58038	23.13	8.70	1.75	-2444.51	1.75	539.01	-96.23	2017.93	-13.70
58039	55.11	8.10	0.25	3692.79	28.81	-1460.83	33.57	2007.70	66.90
58040	55.32	8.70	0.25	3746.77	30.19	-1514.64	-25.48	1780.24	15.42
58041	53.59	8.10	0.25	3413.38	-6.23	-1074.26	51.62	2465.22	23.75
58042	53.79	8.70	0.25	3491.29	-9.08	-1094.97	4.75	2332.73	41.99
58043	52.08	8.10	0.25	3176.16	0.66	-775.12	62.71	2786.89	19.57
58044	52.25	8.70	0.25	3244.36	-0.55	-772.79	12.43	2687.61	19.60
58045	50.57	8.10	0.25	2933.56	-2.80	-573.13	68.70	3049.42	7.70
58046	50.72	8.70	0.25	2993.26	-0.55	-581.47	10.89	2987.27	8.46
58047	49.06	8.10	0.25	2680.27	-3.64	-420.09	72.39	3254.10	-0.57
58048	49.19	8.70	0.25	2735.85	-0.43	-443.33	10.43	3235.29	-2.16
58049	47.54	8.10	0.25	2420.97	-4.28	-302.17	75.42	3407.13	-5.86
58050	47.66	8.70	0.25	2470.88	-0.64	-334.19	9.85	3431.45	-8.33
58051	46.03	8.10	0.25	2160.22	-4.32	-212.00	77.70	3517.66	-8.32
58052	46.12	8.70	0.25	2201.82	-0.78	-244.57	9.52	3579.15	-11.15
58053	44.52	8.10	0.25	1901.08	-3.83	-144.91	79.31	3594.95	-8.62
58054	44.59	8.70	0.25	1932.23	-0.76	-171.43	9.20	3685.25	-11.27
58055	43.01	8.10	0.25	1644.74	-2.95	-96.76	80.28	3647.18	-7.27
58056	43.06	8.70	0.25	1664.85	-0.59	-113.03	8.79	3757.57	-9.36
58057	41.49	8.10	0.25	1391.12	-1.81	-63.30	80.76	3680.72	-4.78
58058	41.52	8.70	0.25	1401.04	-0.36	-67.09	8.32	3803.34	-6.04
58059	39.98	8.10	0.25	1139.60	-0.56	-40.07	80.94	3700.05	-1.65
58060	39.99	8.70	0.25	1140.81	-0.12	-30.36	7.91	3828.31	-1.90
58061	38.47	8.10	0.25	889.43	0.71	-22.43	80.96	3707.80	1.72
58062	38.46	8.70	0.25	883.24	0.09	1.12	7.68	3836.15	2.54
58063	36.96	8.10	0.25	639.93	1.93	-5.73	80.87	3704.93	4.95
58064	36.93	8.70	0.25	627.09	0.27	31.52	7.65	3828.27	6.80
58065	35.44	8.10	0.25	390.52	3.03	14.74	80.63	3690.82	7.68
58066	35.39	8.70	0.25	371.42	0.42	64.78	7.78	3803.90	10.45
58067	33.93	8.10	0.25	140.80	3.94	43.68	80.14	3663.34	9.54
58068	33.86	8.70	0.25	115.99	0.49	104.25	8.02	3760.45	13.03
58069	32.42	8.10	0.25	-109.25	4.59	85.96	79.39	3618.92	10.20
58070	32.33	8.70	0.25	-138.66	0.48	152.70	8.44	3694.26	14.12
58071	30.91	8.10	0.25	-358.95	4.96	146.91	78.48	3552.90	9.40
58072	30.79	8.70	0.25	-391.63	0.45	213.02	9.25	3601.72	13.37
58073	29.39	8.10	0.25	-607.00	5.20	233.12	77.53	3460.40	6.94
58074	29.26	8.70	0.25	-642.95	0.65	290.16	10.76	3480.82	10.64
58075	27.88	8.10	0.25	-852.86	5.58	354.07	76.69	3337.42	3.66
58076	27.73	8.70	0.25	-895.67	1.48	395.73	12.80	3332.97	6.07
58077	26.37	8.10	0.25	-1100.48	5.11	524.72	73.80	3182.78	0.23
58078	26.20	8.70	0.25	-1161.30	3.52	554.50	16.07	3159.85	4.22
58079	24.86	8.10	0.25	-1376.21	15.30	787.93	67.57	2990.75	7.00
58080	24.66	8.70	0.25	-1456.29	11.83	828.54	4.44	2948.30	-5.35
58081	23.34	8.10	0.25	-1755.40	-37.22	1081.07	32.47	2655.12	-25.70
58082	23.13	8.70	0.25	-1819.51	-35.02	1123.86	-2.45	2548.93	34.54
58083	55.11	8.10	-1.25	3029.67	-128.23	-2246.73	-122.00	2401.96	-208.28
58084	55.32	8.70	-1.25	2950.98	-145.72	-2555.91	-53.96	2262.34	93.07
58085	53.59	8.10	-1.25	2620.42	30.17	-1438.93	-13.97	2778.36	67.74
58086	53.79	8.70	-1.25	2679.03	24.16	-1611.57	-1.19	2655.79	-4.68
58087	52.08	8.10	-1.25	2327.47	-5.33	-1114.16	-22.29	3115.67	11.50
58088	52.25	8.70	-1.25	2394.61	-3.32	-1224.58	-13.37	2980.68	29.13
58089	50.57	8.10	-1.25	2056.50	1.23	-860.24	-18.76	3384.75	5.88
58090	50.72	8.70	-1.25	2153.49	0.12	-936.99	-5.10	3271.18	4.15
58091	49.06	8.10	-1.25	1814.30	-0.79	-654.56	-15.54	3584.60	-4.10
58092	49.19	8.70	-1.25	1920.56	-1.41	-710.03	-1.45	3516.89	-2.38
58093	47.54	8.10	-1.25	1598.30	-0.97	-486.08	-13.39	3727.93	-8.89
58094	47.66	8.70	-1.25	1698.69	-1.92	-521.44	1.81	3706.98	-8.09
58095	46.03	8.10	-1.25	1406.46	-0.98	-350.91	-11.93	3826.44	-10.90
58096	46.12	8.70	-1.25	1490.29	-1.95	-368.60	4.00	3845.33	-10.14
58097	44.52	8.10	-1.25	1235.04	-0.74	-245.50	-11.31	3892.03	-10.37
58098	44.59	8.70	-1.25	1297.12	-1.65	-249.12	5.13	3940.01	-9.80
58099	43.01	8.10	-1.25	1079.27	-0.45	-165.24	-11.39	3934.33	-8.17
58100	43.06	8.70	-1.25	1119.24	-1.17	-159.36	5.38	4001.00	-7.76
58101	41.49	8.10	-1.25	934.40	-0.22	-104.69	-11.87	3960.34	-4.99
58102	41.52	8.70	-1.25	954.80	-0.67	-93.53	5.11	4037.39	-4.77
58103	39.98	8.10	-1.25	796.39	-0.08	-57.90	-12.39	3974.63	-1.34
58104	39.99	8.70	-1.25	800.43	-0.24	-44.34	4.69	4055.99	-1.33
58105	38.47	8.10	-1.25	661.99	-0.01	-18.66	-12.75	3979.74	2.44
58106	38.46	8.70	-1.25	651.95	0.13	-3.89	4.39	4060.77	2.25
58107	36.96	8.10	-1.25	528.47	0.05	19.24	-12.89	3976.50	6.11
58108	36.93	8.70	-1.25	505.09	0.48	35.74	4.24	4052.89	5.70
58109	35.44	8.10	-1.25	393.22	0.13	61.87	-12.95	3964.17	9.37
58110	35.39	8.70	-1.25	356.11	0.81	82.00	4.10	4030.79	8.77
58111	33.93	8.10	-1.25	253.47	0.22	115.07	-13.14	3940.39	11.81
58112	33.86	8.70	-1.25	202.39	1.08	141.33	3.72	3990.62	11.04
58113	32.42	8.10	-1.25	106.36	0.23	184.25	-13.66	3901.23	12.90

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
58114	32.33	8.70	-1.25	42.95	1.17	218.65	2.89	3927.05	11.93
58115	30.91	8.10	-1.25	-50.47	0.06	274.47	-14.42	3841.28	12.02
58116	30.79	8.70	-1.25	-121.39	0.99	316.92	1.62	3834.95	10.94
58117	29.39	8.10	-1.25	-217.88	-0.45	390.43	-15.12	3754.53	9.15
58118	29.26	8.70	-1.25	-288.45	0.34	438.01	0.35	3712.22	7.42
58119	27.88	8.10	-1.25	-394.38	-1.33	538.42	-15.45	3637.02	2.97
58120	27.73	8.70	-1.25	-455.61	-0.27	584.58	-0.21	3562.67	3.61
58121	26.37	8.10	-1.25	-576.63	2.51	731.95	-11.91	3487.48	2.57
58122	26.20	8.70	-1.25	-622.26	1.06	775.54	-2.44	3405.05	-10.49
58123	24.86	8.10	-1.25	-748.58	-30.19	999.96	-8.54	3331.96	-29.54
58124	24.66	8.70	-1.25	-824.76	-18.08	1050.83	32.02	3256.90	35.67
58125	23.34	8.10	-1.25	-1009.01	206.55	1719.95	-16.37	3208.68	227.88
58126	23.13	8.70	-1.25	-981.19	183.33	1786.65	-99.66	3090.42	-49.75
58127	17.58	8.10	1.75	-3356.98	-198.97	-1462.80	5.38	1073.79	358.37
58128	18.70	8.10	1.75	-3420.35	-111.29	-1012.78	-128.55	1152.03	173.33
58129	19.81	8.10	1.75	-3221.00	-60.31	-302.00	-225.88	1119.78	55.98
58130	20.92	8.10	1.75	-2988.21	-6.79	307.94	-236.81	1330.56	-18.70
58131	22.03	8.10	1.75	-2699.03	13.18	632.62	-266.40	1825.96	-21.79
58132	17.29	8.70	1.75	-3575.63	-172.39	-1281.73	347.13	983.97	138.12
58133	18.42	8.70	1.75	-3136.49	-3.13	-594.95	-84.70	1095.97	98.42
58134	19.55	8.70	1.75	-3048.62	-41.40	-93.97	-92.06	1022.11	14.24
58135	20.67	8.70	1.75	-2939.03	-6.55	307.41	-107.35	1136.37	-27.47
58136	21.80	8.70	1.75	-2742.97	7.14	546.17	-98.35	1558.84	-25.34
58137	17.96	8.10	0.25	-2531.21	-57.96	-1169.78	-41.69	1263.89	220.13
58138	18.99	8.10	0.25	-2494.91	44.51	-747.13	38.95	1146.91	26.30
58139	20.01	8.10	0.25	-2395.54	-20.25	-114.14	-4.09	1111.31	12.86
58140	21.04	8.10	0.25	-2298.88	-52.88	630.86	0.23	1329.98	-64.95
58141	22.07	8.10	0.25	-2132.08	-85.54	1132.66	1.14	1971.24	-83.84
58142	17.67	8.70	0.25	-2664.25	-105.86	-1348.99	250.06	1103.71	70.70
58143	18.71	8.70	0.25	-2335.77	43.68	-775.36	-2.32	1214.75	78.03
58144	19.76	8.70	0.25	-2233.02	-22.94	-96.31	21.23	1230.59	36.61
58145	20.80	8.70	0.25	-2148.29	-57.82	630.01	6.24	1382.26	8.20
58146	21.84	8.70	0.25	-2074.75	-95.39	1136.14	-7.15	1907.33	47.70
58147	18.33	8.10	-1.25	-1815.43	-178.86	-1076.20	65.18	1407.52	132.05
58148	19.28	8.10	-1.25	-1696.67	5.26	-564.24	182.98	1333.00	-2.39
58149	20.22	8.10	-1.25	-1563.57	103.14	76.58	181.24	1300.84	37.68
58150	21.17	8.10	-1.25	-1451.01	275.75	941.34	129.84	1452.60	36.69
58151	22.12	8.10	-1.25	-1245.11	409.88	1895.65	-18.44	2078.57	192.11
58152	18.05	8.70	-1.25	-1921.65	-232.79	-1408.81	62.98	1243.52	129.80
58153	19.01	8.70	-1.25	-1665.72	-34.48	-861.44	-27.05	1233.64	117.79
58154	19.97	8.70	-1.25	-1479.67	72.73	-29.93	21.77	1249.34	6.61
58155	20.93	8.70	-1.25	-1302.98	297.91	1026.08	-35.06	1421.57	-174.44
58156	21.88	8.70	-1.25	-1123.85	454.86	2022.03	-139.98	2043.79	-324.19
58157	55.10	8.10	-2.70	2635.11	68.48	-2093.47	-259.06	3142.43	-499.72
58158	55.32	8.70	-2.70	2385.96	10.90	-2307.16	92.50	3035.26	88.68
58159	53.59	8.10	-2.70	1990.30	29.25	-1766.95	-18.21	3205.84	96.43
58160	53.79	8.70	-2.70	1924.12	28.18	-2011.20	-62.84	3157.53	-33.15
58161	52.08	8.10	-2.70	1542.61	-9.70	-1416.18	-28.22	3464.42	-6.63
58162	52.25	8.70	-2.70	1604.93	-4.31	-1595.38	-33.70	3369.26	24.17
58163	50.57	8.10	-2.70	1215.03	1.25	-1118.87	-13.91	3678.13	-2.18
58164	50.72	8.70	-2.70	1350.94	0.16	-1241.61	-17.97	3602.45	-7.95
58165	49.06	8.10	-2.70	972.29	-3.35	-860.08	-3.79	3832.63	-11.09
58166	49.19	8.70	-2.70	1132.15	-2.82	-930.70	-9.26	3804.16	-9.86
58167	47.54	8.10	-2.70	795.93	-3.32	-641.12	3.44	3936.31	-13.28
58168	47.66	8.70	-2.70	946.81	-3.63	-667.09	-1.39	3952.55	-13.88
58169	46.03	8.10	-2.70	672.68	-3.07	-462.95	8.07	4001.48	-13.07
58170	46.12	8.70	-2.70	794.83	-3.34	-456.21	3.29	4051.47	-13.39
58171	44.52	8.10	-2.70	588.88	-2.31	-322.76	10.14	4040.77	-10.72
58172	44.59	8.70	-2.70	675.74	-2.55	-297.57	5.36	4111.39	-11.07
58173	43.01	8.10	-2.70	532.23	-1.51	-215.09	10.50	4063.51	-7.52
58174	43.06	8.70	-2.70	585.95	-1.63	-184.38	5.66	4144.66	-7.76
58175	41.49	8.10	-2.70	492.98	-0.83	-132.84	10.05	4075.95	-4.09
58176	41.52	8.70	-2.70	519.41	-0.87	-106.16	5.12	4161.36	-4.24
58177	39.98	8.10	-2.70	463.98	-0.30	-68.12	9.48	4081.81	-0.72
58178	39.99	8.70	-2.70	468.82	-0.31	-51.13	4.49	4168.19	-0.78
58179	38.47	8.10	-2.70	440.05	0.13	-12.77	9.15	4083.01	2.57
58180	38.46	8.70	-2.70	426.60	0.14	-7.52	4.13	4168.57	2.60
58181	36.96	8.10	-2.70	417.01	0.56	41.28	9.09	4080.01	5.85
58182	36.93	8.70	-2.70	385.47	0.59	35.97	4.10	4163.04	5.97
58183	35.44	8.10	-2.70	390.72	1.05	101.77	9.07	4071.96	9.11
58184	35.39	8.70	-2.70	338.81	1.10	90.14	4.12	4149.43	9.32
58185	33.93	8.10	-2.70	356.28	1.58	175.87	8.58	4056.59	12.10
58186	33.86	8.70	-2.70	281.11	1.66	164.91	3.66	4122.84	12.40
58187	32.42	8.10	-2.70	307.59	2.00	269.80	6.94	4029.90	14.26
58188	32.33	8.70	-2.70	208.87	2.05	268.33	2.00	4075.94	14.55
58189	30.91	8.10	-2.70	237.65	2.06	388.32	3.64	3985.90	14.49
58190	30.79	8.70	-2.70	121.78	1.95	404.67	-1.41	4000.07	15.01
58191	29.39	8.10	-2.70	140.37	1.35	534.16	-1.08	3916.66	12.53
58192	29.26	8.70	-2.70	23.27	0.67	572.39	-6.40	3889.02	11.39
58193	27.88	8.10	-2.70	13.15	-0.89	708.47	-7.03	3815.37	4.38
58194	27.73	8.70	-2.70	-80.65	-1.24	764.83	-10.83	3742.41	9.74
58195	26.37	8.10	-2.70	-143.53	4.72	913.12	-7.60	3678.10	8.28
58196	26.20	8.70	-2.70	-184.29	-0.42	978.16	-20.31	3579.60	-20.47
58197	24.86	8.10	-2.70	-311.74	-44.84	1167.88	-13.54	3514.83	-92.41
58198	24.66	8.70	-2.70	-320.88	-33.78	1234.87	15.33	3435.08	25.77
58199	23.35	8.10	-2.70	-580.01	190.65	1516.74	-50.84	3490.17	421.30
58200	23.13	8.70	-2.70	-392.18	186.60	1546.43	-103.31	3322.77	-123.35
58201	55.10	8.10	-4.10	1544.54	189.72	-1906.27	-181.40	3826.22	-544.43
58202	55.32	8.70	-4.10	1212.93	141.44	-2066.08	132.81	3667.59	169.69
58203	53.59	8.10	-4.10	1075.80	11.75	-1910.00	-48.80	3754.90	51.56
58204	53.79	8.70	-4.10	905.23	15.84	-2075.06	-94.89	3701.62	-100.76
58205	52.08	8.10	-4.10	612.77	-0.31	-1640.17	-49.65	3839.14	-28.66
58206	52.25	8.70	-4.10	685.27	2.02	-1802.78	-43.50	3791.85	-0.46
58207	50.57	8.10	-4.10	288.03	-0.10	-1318.55	-27.18	3951.89	-20.57
58208	50.72	8.70	-4.10	474.07	-1.61	-1420.97	-23.59	3931.39	-26.14
58209	49.06	8.10	-4.10	79.99	-4.88	-1013.45	-10.79	4025.37	-24.90
58210	49.19	8.70	-4.10	295.53	-5.54	-1047.03	-6.53	4053.01	-24.11
58211	47.54	8.10	-4.10	-30.03	-5.02	-747.90	0.23	4063.92	-21.79
58212	47.66	8.70	-4.10	162.00	-6.14	-725.84	5.33	4125.16	-22.31

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
58213	46.03	8.10	-4.10	-65.65	-4.20	-531.76	5.71	4078.85	-16.76
58214	46.12	8.70	-4.10	79.43	-5.04	-476.91	10.97	4156.12	-16.94
58215	44.52	8.10	-4.10	-50.49	-2.93	-363.74	7.18	4081.16	-11.30
58216	44.59	8.70	-4.10	45.53	-3.49	-298.73	12.40	4161.60	-11.43
58217	43.01	8.10	-4.10	-3.13	-1.80	-236.91	6.59	4077.87	-6.64
58218	43.06	8.70	-4.10	52.03	-2.09	-178.71	11.66	4155.35	-6.69
58219	41.49	8.10	-4.10	63.49	-0.97	-141.72	5.38	4073.04	-2.95
58220	41.52	8.70	-4.10	88.25	-1.07	-100.90	10.31	4146.17	-2.97
58221	39.98	8.10	-4.10	140.86	-0.38	-67.73	4.40	4068.71	0.02
58222	39.99	8.70	-4.10	143.46	-0.37	-49.70	9.25	4138.63	0.02
58223	38.47	8.10	-4.10	223.33	0.09	-4.51	4.04	4065.64	2.69
58224	38.46	8.70	-4.10	207.82	0.19	-10.90	8.86	4134.37	2.69
58225	36.96	8.10	-4.10	306.59	0.57	58.04	4.33	4063.78	5.48
58226	36.93	8.70	-4.10	272.29	0.78	28.68	9.19	4133.10	5.50
58227	35.44	8.10	-4.10	386.19	1.20	129.64	4.96	4062.32	8.77
58228	35.39	8.70	-4.10	328.28	1.55	81.92	9.91	4132.72	8.83
58229	33.93	8.10	-4.10	456.26	2.00	219.32	5.26	4059.45	12.74
58230	33.86	8.70	-4.10	367.55	2.56	161.85	10.30	4128.73	12.87
58231	32.42	8.10	-4.10	508.25	2.86	334.83	4.08	4051.87	17.15
58232	32.33	8.70	-4.10	382.98	3.65	280.82	9.12	4113.20	17.30
58233	30.91	8.10	-4.10	530.29	3.40	481.33	-0.06	4034.04	20.76
58234	30.79	8.70	-4.10	370.65	4.32	447.64	4.76	4074.23	21.23
58235	29.39	8.10	-4.10	508.15	2.72	659.28	-8.19	3997.33	22.07
58236	29.26	8.70	-4.10	332.76	3.48	661.71	-4.02	3998.55	21.11
58237	27.88	8.10	-4.10	429.74	-0.16	861.62	-20.16	3932.77	14.92
58238	27.73	8.70	-4.10	278.81	0.71	906.97	-15.71	3878.44	20.23
58239	26.37	8.10	-4.10	288.71	-0.24	1073.35	-30.43	3833.63	16.26
58240	26.20	8.70	-4.10	221.28	-0.75	1153.57	-31.79	3739.71	-12.76
58241	24.86	8.10	-4.10	82.48	-27.68	1254.15	-47.48	3741.08	-80.62
58242	24.66	8.70	-4.10	160.21	-27.25	1336.05	-36.46	3641.26	60.98
58243	23.35	8.10	-4.10	-190.86	24.83	1278.15	-96.31	3776.05	494.33
58244	23.13	8.70	-4.10	153.58	62.51	1379.83	-62.49	3575.83	-157.51
58245	55.10	8.10	-5.50	-53.33	-14.21	-1959.05	-56.48	4005.52	-412.09
58246	55.32	8.70	-5.50	-513.40	-28.22	-2014.47	-79.47	3834.84	246.79
58247	53.59	8.10	-5.50	-300.74	29.01	-2033.62	-66.61	4100.45	9.07
58248	53.79	8.70	-5.50	-433.34	46.58	-2071.63	-71.88	3971.43	-108.42
58249	52.08	8.10	-5.50	-604.33	4.16	-1810.28	-35.01	4139.04	-68.24
58250	52.25	8.70	-5.50	-470.78	15.72	-1853.44	-62.01	4112.00	-33.47
58251	50.57	8.10	-5.50	-835.65	-4.04	-1462.70	-3.46	4157.33	-54.32
58252	50.72	8.70	-5.50	-573.89	1.20	-1444.48	-26.72	4195.82	-54.99
58253	49.06	8.10	-5.50	-939.30	-6.87	-1104.08	20.12	4135.80	-45.48
58254	49.19	8.70	-5.50	-672.72	-5.72	-1019.33	-1.78	4218.70	-43.01
58255	47.54	8.10	-5.50	-929.78	-5.94	-792.34	30.61	4094.36	-30.70
58256	47.66	8.70	-5.50	-718.32	-6.35	-669.12	10.54	4186.85	-30.77
58257	46.03	8.10	-5.50	-842.67	-4.05	-545.22	32.65	4049.14	-18.26
58258	46.12	8.70	-5.50	-699.17	-4.81	-415.51	13.66	4131.38	-18.55
58259	44.52	8.10	-5.50	-707.83	-2.37	-360.06	30.67	4008.62	-9.39
58260	44.59	8.70	-5.50	-622.44	-3.02	-246.44	12.30	4074.10	-9.82
58261	43.01	8.10	-5.50	-545.64	-1.19	-225.96	27.57	3976.31	-3.88
58262	43.06	8.70	-5.50	-502.22	-1.66	-140.78	9.58	4026.51	-4.27
58263	41.49	8.10	-5.50	-368.60	-0.46	-129.30	24.85	3953.01	-0.68
58264	41.52	8.70	-5.50	-352.75	-0.79	-77.86	7.10	3992.50	-1.02
58265	39.98	8.10	-5.50	-183.93	-0.04	-56.55	23.18	3938.27	1.22
58266	39.99	8.70	-5.50	-186.00	-0.27	-40.38	5.57	3972.10	0.94
58267	38.47	8.10	-5.50	4.30	0.27	4.88	22.75	3931.29	2.66
58268	38.46	8.70	-5.50	-11.61	0.10	-14.09	5.21	3964.14	2.43
58269	36.96	8.10	-5.50	193.26	0.62	66.80	23.55	3931.43	4.37
58270	36.93	8.70	-5.50	162.02	0.52	13.67	6.02	3967.48	4.19
58271	35.44	8.10	-5.50	379.89	1.19	140.71	25.35	3938.20	7.09
58272	35.39	8.70	-5.50	326.49	1.19	55.73	7.77	3981.13	6.95
58273	33.93	8.10	-5.50	559.22	2.12	238.07	27.60	3950.90	11.60
58274	33.86	8.70	-5.50	472.34	2.24	126.56	9.86	4003.15	11.47
58275	32.42	8.10	-5.50	722.66	3.44	369.65	29.00	3967.82	18.63
58276	32.33	8.70	-5.50	589.04	3.63	242.63	10.94	4028.43	18.34
58277	30.91	8.10	-5.50	855.89	4.99	543.21	27.14	3984.99	28.05
58278	30.79	8.70	-5.50	666.95	4.86	420.25	8.46	4045.55	27.57
58279	29.39	8.10	-5.50	937.65	5.57	759.03	18.37	3994.42	38.44
58280	29.26	8.70	-5.50	702.78	4.28	668.06	-1.50	4035.04	35.49
58281	27.88	8.10	-5.50	942.08	3.89	1001.07	-1.94	3982.71	41.28
58282	27.73	8.70	-5.50	708.89	-0.87	968.88	-21.83	3971.97	41.78
58283	26.37	8.10	-5.50	854.93	-1.13	1223.76	-27.33	3933.88	48.05
58284	26.20	8.70	-5.50	727.46	-11.04	1254.68	-56.42	3860.47	13.59
58285	24.86	8.10	-5.50	712.15	-40.72	1341.23	-72.44	3870.10	-37.61
58286	24.66	8.70	-5.50	801.35	-54.84	1388.73	-49.75	3730.77	77.81
58287	23.35	8.10	-5.50	536.99	122.35	1246.79	-53.21	3815.86	431.52
58288	23.13	8.70	-5.50	1057.59	139.88	1326.80	-180.08	3593.10	-183.52
58289	55.10	8.10	-6.90	-1742.41	-85.90	-2252.06	-91.28	3883.49	-292.26
58290	55.32	8.70	-6.90	-2366.83	-173.31	-2281.29	-347.29	3774.65	270.81
58291	53.59	8.10	-6.90	-1935.73	88.99	-2320.86	-206.40	4162.05	-2.93
58292	53.79	8.70	-6.90	-1927.92	51.60	-2183.43	-84.30	4070.66	-185.38
58293	52.08	8.10	-6.90	-2107.56	34.21	-2031.01	-127.63	4247.52	-98.10
58294	52.25	8.70	-6.90	-1820.28	-1.64	-1805.73	-58.39	4324.61	-125.19
58295	50.57	8.10	-6.90	-2171.86	5.54	-1568.65	-91.17	4192.86	-79.07
58296	50.72	8.70	-6.90	-1820.22	-14.26	-1277.48	-0.98	4354.31	-116.38
58297	49.06	8.10	-6.90	-2079.67	-1.73	-1120.86	-69.75	4073.01	-53.46
58298	49.19	8.70	-6.90	-1791.81	-13.18	-816.64	21.04	4249.26	-71.57
58299	47.54	8.10	-6.90	-1888.80	-5.16	-760.26	-63.82	3952.93	-28.86
58300	47.66	8.70	-6.90	-1694.40	-9.37	-489.12	24.13	4102.59	-38.39
58301	46.03	8.10	-6.90	-1643.26	-4.87	-493.15	-64.70	3850.41	-12.91
58302	46.12	8.70	-6.90	-1529.08	-5.64	-277.39	19.60	3965.66	-16.77
58303	44.52	8.10	-6.90	-1370.66	-3.87	-306.81	-67.66	3771.03	-3.98
58304	44.59	8.70	-6.90	-1312.81	-3.02	-150.54	13.36	3857.73	-5.11
58305	43.01	8.10	-6.90	-1086.31	-2.79	-181.04	-70.55	3713.96	0.20
58306	43.06	8.70	-6.90	-1063.33	-1.47	-79.84	8.03	3781.44	0.35
58307	41.49	8.10	-6.90	-797.71	-1.94	-96.24	-72.59	3675.93	1.68
58308	41.52	8.70	-6.90	-794.36	-0.65	-43.53	4.38	3732.45	2.34
58309	39.98	8.10	-6.90	-507.78	-1.30	-35.80	-73.58	3653.43	1.86
58310	39.99	8.70	-6.90	-515.17	-0.23	-26.22	2.46	3705.11	2.70
58311	38.47	8.10	-6.90	-217.16	-0.78	14.08	-73.54	3643.89	1.63

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
58312	38.46	8.70	-6.90	-232.02	0.04	-16.74	2.17	3695.24	2.56
58313	36.96	8.10	-6.90	74.37	-0.24	65.70	-72.46	3646.15	1.70
58314	36.93	8.70	-6.90	50.17	0.38	-5.72	3.44	3701.13	2.81
58315	35.44	8.10	-6.90	366.71	0.40	131.52	-70.36	3660.46	2.82
58316	35.39	8.70	-6.90	325.98	1.05	16.89	6.29	3723.55	4.39
58317	33.93	8.10	-6.90	658.12	1.17	225.34	-67.38	3687.93	6.10
58318	33.86	8.70	-6.90	587.97	2.31	63.97	10.58	3764.70	8.77
58319	32.42	8.10	-6.90	943.39	1.87	362.60	-64.18	3729.47	13.10
58320	32.33	8.70	-6.90	825.34	4.46	153.24	15.64	3825.79	18.03
58321	30.91	8.10	-6.90	1211.02	1.99	558.18	-62.57	3783.92	25.47
58322	30.79	8.70	-6.90	1024.32	7.58	307.69	19.14	3902.33	35.05
58323	29.39	8.10	-6.90	1439.33	-1.07	819.39	-66.65	3844.83	44.46
58324	29.26	8.70	-6.90	1172.40	10.60	551.21	15.85	3976.87	60.67
58325	27.88	8.10	-6.90	1592.70	-7.67	1134.82	-84.91	3896.86	63.10
58326	27.73	8.70	-6.90	1272.18	11.17	893.94	-4.02	4008.06	95.90
58327	26.37	8.10	-6.90	1623.11	-29.54	1437.51	-115.41	3893.83	79.40
58328	26.20	8.70	-6.90	1368.07	0.62	1273.64	-59.74	3931.73	97.62
58329	24.86	8.10	-6.90	1567.49	-100.40	1566.73	-193.21	3795.21	-17.17
58330	24.66	8.70	-6.90	1572.25	-63.82	1495.14	-72.78	3704.50	151.65
58331	23.35	8.10	-6.90	1452.74	144.50	1393.40	-107.31	3621.84	343.87
58332	23.13	8.70	-6.90	2126.97	227.36	1468.94	-356.22	3431.23	-183.68
58333	55.10	8.10	-8.30	-3408.06	-384.31	-3000.61	13.21	3456.25	-360.15
58334	55.32	8.70	-8.30	-4511.90	-354.27	-2745.66	-624.00	3575.86	313.22
58335	53.59	8.10	-8.30	-3802.61	-205.81	-3105.98	209.77	4295.02	-405.10
58336	53.79	8.70	-8.30	-3706.91	9.94	-2214.63	-5.51	3971.40	-185.32
58337	52.08	8.10	-8.30	-3900.53	-198.95	-2389.94	542.59	4457.81	-347.75
58338	52.25	8.70	-8.30	-3493.15	-77.12	-1480.54	128.31	4129.63	-115.69
58339	50.57	8.10	-8.30	-3658.58	-128.44	-1630.52	626.52	4302.35	-198.34
58340	50.72	8.70	-8.30	-3258.16	-48.52	-848.63	217.67	3941.45	-68.19
58341	49.06	8.10	-8.30	-3282.36	-65.54	-1050.20	630.63	4097.91	-99.81
58342	49.19	8.70	-8.30	-2993.59	-27.28	-462.32	227.90	3701.51	-21.26
58343	47.54	8.10	-8.30	-2862.65	-28.92	-638.29	601.24	3905.39	-40.32
58344	47.66	8.70	-8.30	-2682.55	-12.51	-234.85	214.76	3488.17	1.36
58345	46.03	8.10	-8.30	-2436.45	-8.45	-369.55	566.64	3749.84	-10.17
58346	46.12	8.70	-8.30	-2336.90	-4.31	-110.83	196.80	3327.17	10.40
58347	44.52	8.10	-8.30	-2018.45	1.09	-203.58	537.37	3635.74	2.90
58348	44.59	8.70	-8.30	-1970.84	-0.24	-48.75	181.22	3216.87	11.69
58349	43.01	8.10	-8.30	-1612.28	4.82	-104.41	516.04	3557.80	7.00
58350	43.06	8.70	-8.30	-1595.00	1.39	-21.68	169.95	3146.63	9.63
58351	41.49	8.10	-8.30	-1216.29	5.71	-45.16	502.16	3508.10	6.97
58352	41.52	8.70	-8.30	-1215.41	1.84	-13.28	162.79	3104.78	6.44
58353	39.98	8.10	-8.30	-826.96	5.45	-7.22	494.48	3479.75	5.30
58354	39.99	8.70	-8.30	-834.83	1.79	-14.09	159.01	3082.28	3.05
58355	38.47	8.10	-8.30	-440.35	4.93	22.57	492.03	3468.33	3.27
58356	38.46	8.70	-8.30	-454.30	1.62	-18.37	158.07	3073.76	-0.24
58357	36.96	8.10	-8.30	-52.50	4.78	55.14	494.43	3472.26	1.68
58358	36.93	8.70	-8.30	-74.27	1.61	-21.69	159.78	3077.61	-3.37
58359	35.44	8.10	-8.30	340.34	5.76	102.13	501.86	3492.66	1.59
58360	35.39	8.70	-8.30	304.43	2.07	-18.91	164.32	3095.85	-6.14
58361	33.93	8.10	-8.30	741.44	9.20	178.75	514.76	3532.83	4.97
58362	33.86	8.70	-8.30	679.53	3.57	-2.02	172.00	3133.84	-7.82
58363	32.42	8.10	-8.30	1152.39	17.47	306.21	532.95	3596.93	15.66
58364	32.33	8.70	-8.30	1046.12	7.10	42.39	182.75	3199.24	-6.65
58365	30.91	8.10	-8.30	1570.34	34.71	512.08	553.59	3686.93	40.14
58366	30.79	8.70	-8.30	1395.64	14.05	135.98	194.65	3298.97	1.07
58367	29.39	8.10	-8.30	1983.05	65.00	825.84	567.43	3796.77	88.54
58368	29.26	8.70	-8.30	1717.09	26.18	310.76	201.29	3432.73	20.26
58369	27.88	8.10	-8.30	2359.99	116.14	1261.28	550.23	3903.97	168.77
58370	27.73	8.70	-8.30	2003.25	43.09	605.37	187.54	3577.03	60.97
58371	26.37	8.10	-8.30	2629.11	175.12	1804.00	466.63	3956.59	291.64
58372	26.20	8.70	-8.30	2278.70	66.20	1064.41	104.58	3664.25	102.23
58373	24.86	8.10	-8.30	2655.20	167.05	2239.38	173.78	3763.99	328.50
58374	24.66	8.70	-8.30	2585.04	-21.33	1523.03	-4.67	3477.27	170.77
58375	23.35	8.10	-8.30	2443.33	382.24	1921.97	-37.09	3120.24	387.23
58376	23.13	8.70	-8.30	3490.22	358.99	1747.56	-562.96	3095.08	-197.23
58377	16.72	-8.70	4.00	-6321.06	-300.78	-840.93	-296.70	971.63	-122.81
58378	17.97	-8.70	4.00	-4675.71	82.11	35.43	62.82	161.55	6.14
58379	19.23	-8.70	4.00	-4354.23	-1.51	-26.53	18.11	64.22	18.07
58380	20.48	-8.70	4.00	-4229.43	-8.89	22.14	61.55	63.08	5.48
58381	21.73	-8.70	4.00	-4049.79	-12.62	51.92	92.44	206.18	-18.25
58382	17.02	-8.10	4.00	-5823.55	-407.36	-835.21	-31.93	926.11	-268.62
58383	18.26	-8.10	4.00	-4732.23	30.84	0.21	59.99	89.86	-59.38
58384	19.49	-8.10	4.00	-4410.36	-5.06	-43.54	104.11	78.85	-4.27
58385	20.73	-8.10	4.00	-4262.71	-33.71	24.57	177.09	88.47	2.10
58386	21.97	-8.10	4.00	-4031.15	-39.06	57.47	267.35	199.70	-7.91
58387	16.98	-8.70	3.00	-4539.51	-228.99	-1009.35	-417.30	794.23	-99.11
58388	18.17	-8.70	3.00	-3969.51	9.02	-253.17	115.56	619.62	-0.89
58389	19.37	-8.70	3.00	-3736.47	-28.27	-21.36	109.68	386.71	35.85
58390	20.57	-8.70	3.00	-3584.09	-9.97	89.71	137.08	458.07	0.78
58391	21.76	-8.70	3.00	-3365.06	-6.72	168.65	149.89	749.55	-37.58
58392	17.27	-8.10	3.00	-4076.77	-289.96	-1005.68	-128.01	654.61	-284.05
58393	18.45	-8.10	3.00	-4144.88	-102.97	-418.80	232.18	521.14	-109.90
58394	19.63	-8.10	3.00	-3821.26	-34.72	-105.92	343.56	386.53	1.75
58395	20.81	-8.10	3.00	-3594.06	-11.61	104.93	405.02	499.60	10.81
58396	21.99	-8.10	3.00	-3305.70	-9.25	218.86	488.05	751.04	0.38
58397	17.39	-7.27	4.00	-5698.08	-608.86	-831.25	122.73	896.87	-349.44
58398	18.60	-7.26	4.00	-4760.48	-150.12	60.19	74.78	47.14	-159.76
58399	19.81	-7.26	4.00	-4457.03	-91.09	-30.75	148.01	67.67	-52.06
58400	21.02	-7.26	4.00	-4242.75	-74.14	16.00	267.42	58.63	4.14
58401	22.23	-7.25	4.00	-3948.93	-67.96	40.21	394.40	129.69	13.94
58402	17.80	-6.19	4.00	-5730.89	-836.89	-807.49	135.51	859.10	-273.75
58403	18.98	-6.18	4.00	-4802.92	-393.24	148.57	54.23	26.76	-120.15
58404	20.15	-6.17	4.00	-4465.24	-224.58	-7.80	131.57	54.15	-35.59
58405	21.33	-6.16	4.00	-4184.57	-132.50	1.56	250.30	10.48	4.82
58406	22.51	-6.15	4.00	-3836.58	-103.18	13.45	353.14	40.36	4.30
58407	18.15	-5.08	4.00	-5848.91	-898.48	-842.98	25.08	910.76	-111.51
58408	19.31	-5.08	4.00	-4815.94	-460.40	168.59	-30.37	45.33	17.31
58409	20.46	-5.07	4.00	-4437.66	-278.05	-7.93	29.91	58.91	20.48
58410	21.62	-5.06	4.00	-4134.30	-179.47	0.14	102.28	3.60	-2.67

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
58411	22.78	-5.05	4.00	-3768.70	-148.61	12.67	138.07	29.32	-26.15
58412	18.43	-3.96	4.00	-5979.08	-810.11	-966.88	-25.92	1062.94	-5.30
58413	19.59	-3.96	4.00	-4796.04	-349.93	110.72	-51.26	87.91	101.18
58414	20.74	-3.96	4.00	-4412.90	-250.02	-29.63	-11.97	91.84	47.53
58415	21.89	-3.95	4.00	-4118.33	-209.01	11.35	22.54	56.42	-7.81
58416	23.05	-3.95	4.00	-3755.01	-198.94	34.74	21.88	110.29	-37.58
58417	17.63	-7.27	3.00	-3861.45	-374.23	-744.80	26.49	327.20	-451.14
58418	18.79	-7.26	3.00	-4117.75	-224.70	-175.28	407.64	324.32	-294.84
58419	19.94	-7.26	3.00	-3841.39	-73.56	-59.00	599.17	182.61	-76.22
58420	21.10	-7.26	3.00	-3533.30	-32.14	47.62	714.70	245.30	24.42
58421	22.25	-7.25	3.00	-3174.63	-43.05	103.53	849.41	364.93	49.42
58422	18.04	-6.19	3.00	-3687.55	-236.36	-515.73	-105.61	101.38	-208.32
58423	19.16	-6.18	3.00	-4009.70	-90.36	116.32	214.15	199.11	-104.01
58424	20.29	-6.17	3.00	-3805.01	-58.39	12.01	334.42	4.67	-23.77
58425	21.41	-6.16	3.00	-3456.85	-87.75	-5.90	393.09	-0.40	-4.16
58426	22.53	-6.15	3.00	-3039.42	-128.36	-1.29	435.72	12.87	-11.49
58427	18.38	-5.08	3.00	-3662.75	-243.52	-554.16	-182.18	120.23	-110.16
58428	19.49	-5.08	3.00	-4012.78	-83.18	122.11	45.89	220.40	-25.91
58429	20.59	-5.07	3.00	-3788.17	-79.12	5.97	104.53	5.10	16.46
58430	21.70	-5.06	3.00	-3417.18	-103.99	-5.86	132.07	-5.61	1.53
58431	22.81	-5.05	3.00	-2979.47	-126.42	1.39	134.43	5.51	-13.53
58432	18.66	-3.96	3.00	-3771.50	-374.59	-794.49	-404.16	448.20	99.38
58433	19.77	-3.96	3.00	-4072.75	-216.74	-78.94	-269.50	435.49	148.51
58434	20.87	-3.96	3.00	-3784.29	-139.36	-36.30	-219.52	204.39	64.25
58435	21.97	-3.95	3.00	-3420.66	-79.22	31.57	-222.02	222.44	-20.75
58436	23.07	-3.95	3.00	-2995.06	-43.30	83.76	-291.95	309.66	-66.16
58437	18.61	-3.10	4.00	-6061.57	-714.17	-1082.53	26.91	1178.53	-54.20
58438	19.76	-3.10	4.00	-4775.14	-229.29	46.68	1.25	108.87	41.85
58439	20.91	-3.10	4.00	-4404.71	-219.89	-50.51	28.76	111.75	18.53
58440	22.07	-3.10	4.00	-4117.56	-230.62	20.85	60.39	98.42	-7.09
58441	23.22	-3.10	4.00	-3756.76	-238.38	51.86	72.36	175.76	-18.80
58442	18.70	-2.50	4.00	-6090.04	-725.48	-1112.53	89.86	1202.57	-139.89
58443	19.85	-2.50	4.00	-4776.00	-227.26	35.78	56.71	103.65	-54.41
58444	20.99	-2.50	4.00	-4403.27	-231.51	-54.68	80.77	109.23	-18.46
58445	22.14	-2.50	4.00	-4110.70	-244.38	22.72	124.35	99.54	-0.29
58446	23.29	-2.50	4.00	-3744.19	-250.25	54.00	161.27	179.27	2.64
58447	18.84	-3.10	3.00	-3866.10	-357.01	-1176.68	-226.07	851.26	52.74
58448	19.94	-3.10	3.00	-4129.06	-225.03	-390.52	-92.52	702.90	91.87
58449	21.04	-3.10	3.00	-3783.93	-130.22	-95.24	-66.77	483.17	41.00
58450	22.14	-3.10	3.00	-3449.47	-64.74	83.24	-67.95	540.37	-13.60
58451	23.24	-3.10	3.00	-3040.92	-22.07	197.08	-100.70	724.80	-39.44
58452	18.93	-2.50	3.00	-3871.15	-392.45	-1258.16	126.48	871.11	-209.38
58453	20.02	-2.50	3.00	-4158.56	-248.96	-459.72	224.63	708.28	-112.00
58454	21.12	-2.50	3.00	-3794.91	-129.63	-113.61	251.95	508.07	-24.72
58455	22.22	-2.50	3.00	-3446.06	-58.45	88.13	274.58	577.33	10.52
58456	23.32	-2.50	3.00	-3029.80	-14.75	204.65	316.76	766.06	25.46
58457	18.79	-1.65	4.00	-6103.08	-895.67	-1047.79	138.04	1143.44	-212.42
58458	19.92	-1.65	4.00	-4807.15	-388.39	103.72	88.85	84.23	-152.87
58459	21.06	-1.65	4.00	-4399.42	-304.95	-36.40	106.46	91.65	-56.97
58460	22.19	-1.65	4.00	-4085.49	-258.97	13.84	159.67	60.53	5.46
58461	23.33	-1.65	4.00	-3703.71	-241.20	37.30	217.88	119.09	25.98
58462	18.85	-0.55	4.00	-6110.33	-1092.16	-958.68	53.24	1046.87	-98.72
58463	19.97	-0.55	4.00	-4847.83	-592.11	190.17	33.47	57.38	-81.87
58464	21.09	-0.55	4.00	-4396.51	-395.77	-12.50	41.97	63.51	-29.64
58465	22.21	-0.55	4.00	-4055.35	-273.31	1.29	69.37	2.99	5.98
58466	23.34	-0.55	4.00	-3658.81	-226.74	13.69	102.16	32.15	17.85
58467	18.85	0.55	4.00	-6123.44	-1096.12	-964.90	-132.74	1054.54	106.21
58468	19.97	0.55	4.00	-4850.57	-591.62	190.88	-105.88	59.13	83.98
58469	21.09	0.55	4.00	-4396.46	-394.32	-13.83	-108.81	64.70	36.08
58470	22.21	0.55	4.00	-4054.63	-271.39	0.00	-128.21	3.45	0.89
58471	23.34	0.55	4.00	-3658.44	-224.74	12.39	-153.82	32.29	-11.39
58472	18.79	1.65	4.00	-6141.00	-904.47	-1068.92	-215.99	1166.07	221.70
58473	19.92	1.65	4.00	-4815.17	-384.46	103.56	-158.54	88.95	153.46
58474	21.06	1.65	4.00	-4399.37	-299.24	-41.28	-170.53	95.10	58.99
58475	22.19	1.65	4.00	-4083.54	-252.07	9.28	-216.05	61.83	-4.12
58476	23.33	1.65	4.00	-3702.83	-234.26	32.93	-267.60	119.50	-25.08
58477	19.01	-1.65	3.00	-3758.74	-496.89	-898.59	300.21	505.19	-341.43
58478	20.10	-1.65	3.00	-4118.93	-299.16	-144.59	449.96	448.55	-263.35
58479	21.18	-1.65	3.00	-3796.48	-143.79	-52.93	486.41	226.20	-77.57
58480	22.27	-1.65	3.00	-3399.20	-53.04	37.89	525.74	258.77	24.50
58481	23.36	-1.65	3.00	-2949.67	-8.97	92.57	610.73	351.88	62.15
58482	19.07	-0.55	3.00	-3602.12	-361.70	-613.10	50.54	205.24	-64.00
58483	20.14	-0.55	3.00	-4040.07	-121.73	141.16	110.02	252.07	-48.35
58484	21.22	-0.55	3.00	-3781.81	-93.31	6.88	126.12	2.00	-21.07
58485	22.29	-0.55	3.00	-3364.38	-88.87	-6.23	134.47	-8.32	-0.06
58486	23.36	-0.55	3.00	-2885.03	-90.43	1.08	150.13	4.80	4.55
58487	19.07	0.55	3.00	-3604.20	-361.88	-614.77	-78.74	210.08	62.18
58488	20.14	0.55	3.00	-4045.64	-122.73	143.59	-139.14	253.81	49.72
58489	21.22	0.55	3.00	-3785.63	-96.19	8.40	-158.34	2.20	25.25
58490	22.29	0.55	3.00	-3367.03	-92.89	-4.58	-168.50	-8.35	4.77
58491	23.36	0.55	3.00	-2887.02	-94.57	2.65	-184.02	4.52	-0.19
58492	19.01	1.65	3.00	-3771.93	-499.09	-918.89	-335.55	527.76	347.48
58493	20.10	1.65	3.00	-4136.53	-304.95	-156.83	-488.58	463.08	271.89
58494	21.18	1.65	3.00	-3809.48	-154.71	-69.19	-524.70	234.37	88.07
58495	22.27	1.65	3.00	-3409.75	-66.68	20.29	-563.15	264.25	-13.11
58496	23.36	1.65	3.00	-2958.54	-22.52	75.86	-646.50	355.46	-51.64
58497	18.61	3.10	4.00	-6128.40	-735.43	-1120.66	-100.38	1215.13	56.67
58498	18.70	2.50	4.00	-6145.54	-738.35	-1145.81	-164.72	1235.00	145.71
58499	19.76	3.10	4.00	-4791.50	-235.72	50.62	-65.14	114.40	-52.30
58500	19.85	2.50	4.00	-4788.61	-224.63	35.28	-122.46	109.42	47.67
58501	20.91	3.10	4.00	-4407.41	-228.98	-50.15	-86.25	115.80	-26.28
58502	20.99	2.50	4.00	-4404.31	-229.62	-59.64	-140.80	113.64	11.67
58503	22.07	3.10	4.00	-4117.14	-240.11	24.01	-110.84	99.62	-1.16
58504	22.14	2.50	4.00	-4109.07	-241.99	19.14	-177.34	101.14	-8.08
58505	23.22	3.10	4.00	-3757.99	-247.50	55.47	-117.28	176.50	10.79
58506	23.29	2.50	4.00	-3744.08	-247.81	50.90	-208.47	179.94	-11.15
58507	18.84	3.10	3.00	-3889.39	-353.73	-1218.33	208.11	891.56	-62.70
58508	18.93	2.50	3.00	-3894.69	-391.82	-1299.83	-155.52	909.79	209.00
58509	19.94	3.10	3.00	-4153.01	-219.26	-395.83	74.41	729.05	-105.05



Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
58510	20.02	2.50	3.00	-4181.55	-248.44	-482.03	-254.77	735.42	104.76
58511	21.04	3.10	3.00	-3797.26	-123.98	-86.60	46.70	496.03	-54.30
58512	21.12	2.50	3.00	-3809.92	-130.80	-133.90	-280.99	523.92	13.06
58513	22.14	3.10	3.00	-3457.50	-59.01	99.40	45.61	547.50	-0.58
58514	22.22	2.50	3.00	-3457.49	-60.64	68.96	-303.03	587.64	-24.73
58515	23.24	3.10	3.00	-3046.18	-17.37	216.01	77.84	729.25	25.17
58516	23.32	2.50	3.00	-3039.11	-17.18	187.92	-344.17	773.10	-40.50
58517	18.43	3.96	4.00	-6061.81	-848.51	-1009.20	-49.67	1104.03	9.01
58518	19.59	3.96	4.00	-4817.53	-368.78	120.12	-12.70	94.56	-108.56
58519	20.74	3.96	4.00	-4417.37	-265.79	-28.06	-44.27	95.78	-46.95
58520	21.89	3.95	4.00	-4118.86	-222.02	15.76	-70.90	56.56	10.33
58521	23.05	3.95	4.00	-3757.28	-210.42	39.38	-64.23	110.23	40.50
58522	18.15	5.08	4.00	-5951.36	-953.57	-892.05	-109.34	959.98	127.87
58523	19.31	5.08	4.00	-4841.80	-485.11	183.27	-35.57	53.96	-14.76
58524	20.46	5.07	4.00	-4442.09	-290.55	-8.33	-86.42	63.47	-11.81
58525	21.62	5.06	4.00	-4133.88	-183.97	1.59	-150.25	2.65	12.29
58526	22.78	5.05	4.00	-3770.52	-150.54	14.00	-179.30	27.96	35.57
58527	17.80	6.19	4.00	-5853.43	-896.25	-870.52	-231.69	924.62	312.00
58528	18.98	6.18	4.00	-4829.69	-411.95	163.10	-123.71	39.09	136.68
58529	20.15	6.17	4.00	-4467.11	-229.78	-12.23	-188.72	61.43	50.29
58530	21.33	6.16	4.00	-4181.37	-128.22	-0.66	-298.39	10.49	6.58
58531	22.51	6.15	4.00	-3837.05	-96.48	11.38	-393.98	39.13	5.38
58532	17.39	7.27	4.00	-5838.58	-648.17	-918.11	-217.88	986.62	402.32
58533	18.60	7.26	4.00	-4785.99	-143.67	64.66	-136.90	66.27	178.06
58534	19.81	7.26	4.00	-4454.55	-79.37	-43.03	-196.17	80.55	61.42
58535	21.02	7.26	4.00	-4235.45	-57.05	8.08	-308.24	62.57	-0.49
58536	22.23	7.25	4.00	-3947.73	-50.95	33.74	-429.40	131.25	-12.14
58537	18.66	3.96	3.00	-3782.99	-362.04	-823.40	392.97	482.47	-106.73
58538	19.77	3.96	3.00	-4101.60	-195.52	-71.46	256.95	453.86	-149.94
58539	20.87	3.96	3.00	-3804.66	-116.53	-24.49	202.21	209.83	-55.22
58540	21.97	3.95	3.00	-3433.40	-57.79	48.64	199.74	224.52	34.24
58541	23.07	3.95	3.00	-3002.78	-25.10	102.12	268.11	310.45	79.98
58542	18.38	5.08	3.00	-3664.33	-225.36	-578.88	165.10	155.33	117.88
58543	19.49	5.08	3.00	-4050.76	-62.02	130.01	-73.23	236.51	31.42
58544	20.59	5.07	3.00	-3822.84	-64.00	3.57	-132.52	6.92	-9.81
58545	21.70	5.06	3.00	-3442.70	-94.55	-7.82	-160.48	-6.01	6.20
58546	22.81	5.05	3.00	-2997.16	-121.25	-0.21	-161.50	4.25	20.71
58547	18.04	6.19	3.00	-3690.31	-222.03	-541.14	83.64	148.16	232.60
58548	19.16	6.18	3.00	-4053.96	-81.50	129.89	-254.87	218.31	118.06
58549	20.29	6.17	3.00	-3845.16	-57.65	13.66	-374.31	6.80	33.34
58550	21.41	6.16	3.00	-3487.15	-93.38	-4.09	-428.65	-1.14	12.46
58551	22.53	6.15	3.00	-3061.23	-137.21	0.53	-466.03	10.76	18.57
58552	17.63	7.27	3.00	-3893.85	-381.51	-822.21	-73.79	416.82	515.44
58553	18.79	7.26	3.00	-4174.83	-247.50	-209.51	-480.33	376.88	339.25
58554	19.94	7.26	3.00	-3884.76	-99.46	-93.35	-662.88	208.91	103.40
58555	21.10	7.26	3.00	-3566.54	-60.13	19.74	-764.49	261.02	-3.33
58556	22.25	7.25	3.00	-3201.14	-69.83	81.62	-887.37	374.32	-33.00
58557	17.02	8.10	4.00	-5975.15	-424.51	-939.25	-43.89	1037.11	311.11
58558	18.26	8.10	4.00	-4761.31	49.93	-1.53	-104.26	117.89	59.73
58559	19.49	8.10	4.00	-4406.98	10.22	-55.73	-135.52	97.99	-3.22
58560	20.73	8.10	4.00	-4253.75	-17.37	18.31	-204.11	97.36	-13.33
58561	21.97	8.10	4.00	-4030.12	-23.98	53.23	-291.05	205.49	-3.25
58562	16.72	8.70	4.00	-6479.45	-315.17	-950.81	257.31	1113.23	143.78
58563	17.97	8.70	4.00	-4717.81	91.47	41.34	-79.84	206.69	-12.43
58564	19.23	8.70	4.00	-4354.58	3.72	-25.32	-28.59	89.78	-26.70
58565	20.48	8.70	4.00	-4220.97	-4.49	28.87	-71.55	76.51	-15.32
58566	21.73	8.70	4.00	-4049.87	-8.66	59.80	-101.40	216.36	9.02
58567	17.27	8.10	3.00	-4137.87	-294.32	-1140.69	96.38	797.20	323.49
58568	18.45	8.10	3.00	-4202.90	-114.06	-485.73	-276.54	620.87	115.99
58569	19.63	8.10	3.00	-3856.02	-45.21	-152.86	-381.74	445.09	-11.89
58570	20.81	8.10	3.00	-3619.78	-22.29	71.68	-434.72	537.15	-23.27
58571	21.99	8.10	3.00	-3328.15	-18.89	196.06	-510.72	777.13	-13.11
58572	16.98	8.70	3.00	-4601.60	-228.81	-1147.23	409.41	971.76	109.82
58573	18.17	8.70	3.00	-4020.99	6.43	-277.95	-127.74	746.83	-7.17
58574	19.37	8.70	3.00	-3760.51	-29.90	-10.28	-121.61	458.81	-53.70
58575	20.57	8.70	3.00	-3600.60	-11.92	113.61	-147.13	504.18	-17.73
58576	21.76	8.70	3.00	-3380.65	-8.00	197.90	-157.51	784.67	22.32
58577	23.13	-8.70	4.00	-3823.91	-17.51	24.89	128.37	324.04	-17.25
58578	24.66	-8.70	4.00	-3465.38	-9.68	22.83	145.48	406.99	-6.49
58579	26.19	-8.70	4.00	-3010.56	-5.42	19.40	159.71	464.51	-1.21
58580	27.73	-8.70	4.00	-2497.65	-1.93	15.62	171.28	501.59	2.83
58581	29.26	-8.70	4.00	-1953.23	0.59	13.06	179.69	523.15	5.62
58582	30.79	-8.70	4.00	-1393.09	2.01	11.63	185.69	535.60	7.16
58583	32.33	-8.70	4.00	-824.93	2.57	10.35	190.06	543.36	7.47
58584	33.86	-8.70	4.00	-252.49	2.47	8.56	193.24	548.52	6.69
58585	35.39	-8.70	4.00	322.23	1.87	6.09	195.47	551.94	5.00
58586	36.93	-8.70	4.00	897.97	0.95	3.02	196.87	553.95	2.63
58587	38.46	-8.70	4.00	1473.82	-0.17	-0.48	197.44	554.64	-0.16
58588	39.99	-8.70	4.00	2049.01	-1.31	-4.20	197.17	553.94	-3.10
58589	41.52	-8.70	4.00	2622.62	-2.34	-7.88	195.96	551.57	-5.87
58590	43.06	-8.70	4.00	3193.35	-3.10	-11.27	193.69	547.17	-8.17
58591	44.59	-8.70	4.00	3759.38	-3.43	-14.03	190.21	540.26	-9.69
58592	46.12	-8.70	4.00	4318.22	-3.20	-15.84	185.36	530.40	-10.12
58593	47.66	-8.70	4.00	4866.72	-2.24	-16.53	178.93	517.10	-9.17
58594	49.19	-8.70	4.00	5400.64	-0.34	-16.32	170.60	499.26	-6.57
58595	50.72	-8.70	4.00	5913.06	2.78	-16.00	159.89	473.83	-2.05
58596	52.26	-8.70	4.00	6389.95	7.27	-15.69	146.32	435.16	4.74
58597	53.79	-8.70	4.00	6804.89	13.22	-13.98	131.01	377.99	14.41
58598	55.32	-8.70	4.00	7115.73	27.15	-7.55	111.79	293.76	34.68
58599	56.85	-8.10	4.00	-3772.75	-45.59	28.59	352.09	297.36	-12.17
58600	58.38	-8.10	4.00	-3393.42	-28.75	21.74	396.22	348.94	-5.53
58601	59.91	-8.10	4.00	-2938.50	-16.84	11.94	433.29	390.54	-1.02
58602	61.44	-8.10	4.00	-2433.28	-6.17	4.19	462.58	417.74	2.59
58603	62.97	-8.10	4.00	-1898.80	1.70	-0.63	484.41	434.17	5.28
58604	64.50	-8.10	4.00	-1348.40	6.53	-2.95	500.42	444.17	6.98
58605	66.03	-8.10	4.00	-789.22	8.61	-3.70	512.15	450.51	7.50
58606	67.56	-8.10	4.00	-225.10	8.41	-3.54	520.64	454.55	6.80
58607	69.09	-8.10	4.00	341.71	6.43	-2.83	526.49	456.99	5.00
58608	70.62	-8.10	4.00	909.77	3.21	-1.79	529.98	458.19	2.33

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
58609	38.47	-8.10	4.00	1478.04	-0.73	-0.60	531.24	458.32	-0.88
58610	39.98	-8.10	4.00	2045.64	-4.81	0.58	530.21	457.37	-4.28
58611	41.49	-8.10	4.00	2611.57	-8.49	1.61	526.70	455.20	-7.49
58612	43.01	-8.10	4.00	3174.49	-11.19	2.34	520.39	451.48	-10.10
58613	44.52	-8.10	4.00	3732.51	-12.31	2.67	510.89	445.79	-11.68
58614	46.03	-8.10	4.00	4283.12	-11.29	2.47	497.69	437.67	-11.85
58615	47.55	-8.10	4.00	4822.97	-7.54	1.59	480.21	426.56	-10.23
58616	49.06	-8.10	4.00	5347.61	-0.49	-0.38	457.64	411.64	-6.61
58617	50.57	-8.10	4.00	5850.32	10.40	-4.40	428.93	391.05	-0.83
58618	52.08	-8.10	4.00	6319.22	25.36	-11.26	392.98	361.04	7.34
58619	53.60	-8.10	4.00	6734.49	43.79	-21.40	349.57	317.70	18.28
58620	55.11	-8.10	4.00	7070.30	74.32	-26.24	298.96	268.09	34.14
58621	23.13	-8.70	3.00	-3055.60	-6.01	142.66	167.17	1044.77	-37.39
58622	24.66	-8.70	3.00	-2732.12	-8.31	114.74	183.55	1278.11	-22.33
58623	26.19	-8.70	3.00	-2346.94	-8.40	91.43	202.79	1445.16	-11.80
58624	27.73	-8.70	3.00	-1926.37	-7.36	71.37	219.86	1558.81	-1.61
58625	29.26	-8.70	3.00	-1487.41	-6.47	58.91	234.06	1633.71	6.04
58626	30.79	-8.70	3.00	-1035.63	-5.40	51.70	245.35	1684.53	10.79
58627	32.33	-8.70	3.00	-574.21	-4.32	45.00	253.77	1719.79	12.57
58628	33.86	-8.70	3.00	-105.71	-3.26	36.48	259.75	1744.10	11.79
58629	35.39	-8.70	3.00	367.56	-2.21	25.57	263.69	1759.96	9.02
58630	36.93	-8.70	3.00	843.61	-1.15	12.57	265.86	1768.77	4.84
58631	38.46	-8.70	3.00	1320.81	-0.06	-1.90	266.44	1771.20	-0.14
58632	39.99	-8.70	3.00	1797.73	1.08	-17.17	265.46	1767.25	-5.33
58633	41.52	-8.70	3.00	2272.86	2.26	-32.47	262.85	1756.22	-10.14
58634	43.06	-8.70	3.00	2744.39	3.48	-46.91	258.43	1736.79	-13.95
58635	44.59	-8.70	3.00	3209.84	4.76	-59.40	251.87	1707.14	-16.09
58636	46.12	-8.70	3.00	3665.94	6.09	-68.77	242.78	1665.13	-15.90
58637	47.66	-8.70	3.00	4108.48	7.49	-74.28	230.59	1608.24	-12.66
58638	49.19	-8.70	3.00	4532.56	8.94	-76.65	214.62	1532.81	-5.70
58639	50.72	-8.70	3.00	4932.55	10.20	-79.53	194.41	1432.16	5.37
58640	52.26	-8.70	3.00	5301.06	11.46	-86.63	169.69	1292.69	20.86
58641	53.79	-8.70	3.00	5620.66	11.53	-94.99	140.41	1095.06	39.16
58642	55.32	-8.70	3.00	5858.30	8.56	-113.57	112.54	811.70	67.52
58643	23.34	-8.10	3.00	-2951.72	-15.24	183.22	563.01	1009.26	-11.09
58644	24.85	-8.10	3.00	-2634.07	-25.95	124.92	632.12	1185.63	-8.27
58645	26.37	-8.10	3.00	-2265.92	-29.73	73.96	693.98	1316.57	-3.75
58646	27.88	-8.10	3.00	-1864.88	-29.01	32.71	744.45	1407.41	0.34
58647	29.39	-8.10	3.00	-1442.24	-26.34	6.43	784.81	1469.56	4.60
58648	30.91	-8.10	3.00	-1002.65	-22.58	-7.78	815.91	1512.80	7.72
58649	32.42	-8.10	3.00	-550.14	-18.51	-14.07	838.87	1542.74	9.03
58650	33.93	-8.10	3.00	-88.37	-14.21	-15.15	854.95	1562.85	8.49
58651	35.44	-8.10	3.00	379.59	-9.61	-12.76	865.32	1575.34	6.38
58652	36.96	-8.10	3.00	851.27	-4.70	-8.18	870.81	1581.65	3.11
58653	38.47	-8.10	3.00	1324.56	0.50	-2.51	871.92	1582.55	-0.86
58654	39.98	-8.10	3.00	1797.60	5.89	3.22	868.80	1578.19	-5.05
58655	41.49	-8.10	3.00	2268.47	11.34	7.98	861.21	1568.06	-8.97
58656	43.01	-8.10	3.00	2734.95	16.71	10.80	848.57	1551.06	-12.09
58657	44.52	-8.10	3.00	3194.23	21.88	10.78	829.94	1525.54	-13.84
58658	46.03	-8.10	3.00	3642.71	26.78	7.05	804.03	1489.39	-13.62
58659	47.55	-8.10	3.00	4075.68	31.41	-1.47	769.21	1440.04	-10.86
58660	49.06	-8.10	3.00	4487.20	35.75	-16.68	723.64	1374.29	-5.16
58661	50.57	-8.10	3.00	4870.28	39.06	-42.50	665.47	1287.42	3.36
58662	52.08	-8.10	3.00	5217.26	39.97	-84.37	593.14	1170.78	13.61
58663	53.60	-8.10	3.00	5515.17	34.75	-141.49	503.89	1010.72	25.85
58664	55.11	-8.10	3.00	5739.79	19.76	-222.27	397.14	792.85	38.47
58665	23.57	-7.25	4.00	-3660.10	-77.78	14.30	501.29	193.91	7.03
58666	25.07	-7.25	4.00	-3276.30	-65.15	10.50	554.35	224.47	-2.27
58667	26.56	-7.25	4.00	-2831.46	-50.75	2.90	597.73	248.25	-7.56
58668	28.05	-7.25	4.00	-2342.36	-36.38	-2.37	631.66	263.55	-10.72
58669	29.54	-7.25	4.00	-1824.48	-23.90	-5.57	657.31	272.50	-11.84
58670	31.03	-7.25	4.00	-1288.88	-14.19	-6.94	676.49	277.54	-11.32
58671	32.52	-7.25	4.00	-742.58	-7.41	-7.00	690.72	280.30	-9.83
58672	34.01	-7.25	4.00	-189.96	-3.26	-6.12	701.01	281.69	-7.86
58673	35.50	-7.25	4.00	366.24	-1.26	-4.55	708.00	282.25	-5.71
58674	36.99	-7.25	4.00	924.19	-0.79	-2.51	712.03	282.30	-3.52
58675	38.48	-7.25	4.00	1482.54	-1.19	-0.21	713.28	281.99	-1.35
58676	39.97	-7.25	4.00	2040.14	-1.73	2.17	711.74	281.35	0.79
58677	41.46	-7.25	4.00	2595.73	-1.66	4.40	707.20	280.31	2.89
58678	42.95	-7.25	4.00	3147.77	-0.21	6.28	699.27	278.70	4.98
58679	44.44	-7.25	4.00	3694.23	3.38	7.61	687.43	276.29	7.07
58680	45.93	-7.25	4.00	4232.44	9.84	8.20	671.07	272.74	9.20
58681	47.42	-7.25	4.00	4758.80	19.85	7.85	649.52	267.67	11.28
58682	48.91	-7.25	4.00	5268.47	33.95	6.27	621.96	260.54	13.07
58683	50.40	-7.25	4.00	5754.63	52.29	2.86	587.44	250.35	14.06
58684	51.89	-7.25	4.00	6207.29	74.30	-2.84	544.87	235.11	13.64
58685	53.38	-7.25	4.00	6611.90	98.60	-12.56	493.74	212.56	10.68
58686	54.88	-7.25	4.00	6952.11	125.40	-14.22	432.78	186.33	-0.25
58687	23.83	-6.15	4.00	-3526.61	-115.51	-7.25	430.71	68.87	-5.84
58688	25.29	-6.15	4.00	-3147.97	-110.14	-3.71	463.96	84.14	-15.09
58689	26.76	-6.15	4.00	-2716.92	-99.95	-4.42	488.93	94.14	-21.46
58690	28.23	-6.15	4.00	-2245.28	-86.20	-3.97	508.12	100.19	-24.55
58691	29.69	-6.15	4.00	-1744.71	-71.37	-3.60	522.99	103.15	-24.97
58692	31.16	-6.15	4.00	-1224.71	-56.94	-3.15	534.60	104.05	-23.33
58693	32.63	-6.15	4.00	-692.30	-43.70	-2.66	543.55	103.79	-20.28
58694	34.09	-6.15	4.00	-152.22	-31.87	-2.09	550.17	103.04	-16.28
58695	35.56	-6.15	4.00	392.38	-21.35	-1.44	554.67	102.20	-11.60
58696	37.03	-6.15	4.00	939.35	-11.80	-0.72	557.23	101.51	-6.47
58697	38.49	-6.15	4.00	1487.00	-2.76	0.06	557.97	101.05	-1.07
58698	39.96	-6.15	4.00	2033.84	6.30	0.87	556.90	100.87	4.39
58699	41.42	-6.15	4.00	2578.28	15.96	1.67	553.93	100.95	9.73
58700	42.89	-6.15	4.00	3118.51	26.83	2.43	548.83	101.26	14.73
58701	44.36	-6.15	4.00	3652.32	39.45	3.12	541.30	101.76	19.22
58702	45.82	-6.15	4.00	4176.89	54.30	3.70	531.00	102.35	23.02
58703	47.29	-6.15	4.00	4688.53	71.72	4.18	517.69	102.83	25.94
58704	48.76	-6.15	4.00	5182.25	91.73	4.57	501.21	102.88	27.65
58705	50.22	-6.15	4.00	5651.28	113.68	4.81	481.42	101.98	27.58
58706	51.69	-6.15	4.00	6086.81	135.81	5.09	457.96	99.31	24.91
58707	53.16	-6.15	4.00	6477.71	154.48	3.48	430.11	93.40	17.99

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
58708	54.62	-6.15	4.00	6810.88	167.53	13.11	394.88	83.39	5.56
58709	24.08	-5.05	4.00	-3450.49	-159.94	-5.41	156.39	55.76	-36.17
58710	25.52	-5.05	4.00	-3073.82	-153.57	-0.55	150.68	72.51	-37.26
58711	26.97	-5.05	4.00	-2646.80	-142.54	-0.10	143.44	83.95	-35.80
58712	28.41	-5.05	4.00	-2181.10	-127.04	0.80	137.04	91.33	-32.75
58713	29.85	-5.05	4.00	-1687.82	-109.26	1.16	132.60	95.23	-28.71
58714	31.29	-5.05	4.00	-1176.09	-90.62	1.34	130.07	96.73	-24.33
58715	32.73	-5.05	4.00	-652.48	-72.10	1.33	128.81	96.93	-19.89
58716	34.18	-5.05	4.00	-121.35	-54.18	1.17	128.25	96.60	-15.34
58717	35.62	-5.05	4.00	414.40	-36.97	0.91	128.04	96.14	-10.61
58718	37.06	-5.05	4.00	952.69	-20.33	0.56	128.02	95.75	-5.66
58719	38.50	-5.05	4.00	1491.82	-3.94	0.17	128.18	95.48	-0.52
58720	39.95	-5.05	4.00	2030.18	12.56	-0.22	128.54	95.31	4.68
58721	41.39	-5.05	4.00	2566.10	29.56	-0.58	129.15	95.24	9.82
58722	42.83	-5.05	4.00	3097.70	47.48	-0.87	130.08	95.26	14.74
58723	44.27	-5.05	4.00	3622.76	66.65	-1.04	131.43	95.35	19.33
58724	45.72	-5.05	4.00	4138.63	87.33	-1.07	133.42	95.48	23.53
58725	47.16	-5.05	4.00	4641.98	109.54	-0.93	136.49	95.49	27.37
58726	48.60	-5.05	4.00	5128.39	132.96	-0.59	141.40	94.98	30.91
58727	50.04	-5.05	4.00	5591.70	156.66	-0.07	149.15	93.19	34.03
58728	51.48	-5.05	4.00	6023.57	178.88	1.05	160.34	89.12	36.37
58729	52.93	-5.05	4.00	6413.38	196.15	1.27	174.54	81.43	37.86
58730	54.37	-5.05	4.00	6747.90	207.56	13.26	189.85	68.92	38.12
58731	24.33	-3.95	4.00	-3429.06	-209.18	17.11	13.84	163.07	-44.55
58732	25.75	-3.95	4.00	-3047.14	-198.76	17.92	-4.96	193.08	-38.51
58733	27.17	-3.95	4.00	-2614.65	-183.13	14.75	-22.46	217.07	-33.36
58734	28.59	-3.95	4.00	-2145.29	-163.35	11.51	-36.84	233.68	-27.67
58735	30.01	-3.95	4.00	-1651.33	-141.29	8.66	-47.25	243.86	-22.17
58736	31.43	-3.95	4.00	-1141.93	-118.29	6.61	-54.32	249.78	-17.50
58737	32.84	-3.95	4.00	-622.75	-95.20	5.08	-59.00	253.32	-13.60
58738	34.26	-3.95	4.00	-97.23	-72.36	3.76	-62.04	255.53	-10.15
58739	35.68	-3.95	4.00	432.37	-49.79	2.47	-63.89	256.88	-6.85
58740	37.10	-3.95	4.00	964.31	-27.38	1.13	-64.76	257.56	-3.53
58741	38.52	-3.95	4.00	1497.11	-4.96	-0.28	-64.74	257.59	-0.14
58742	39.93	-3.95	4.00	2029.27	17.63	-1.74	-63.81	256.93	3.33
58743	41.35	-3.95	4.00	2559.24	40.54	-3.21	-61.86	255.49	6.80
58744	42.77	-3.95	4.00	3085.24	63.88	-4.65	-58.72	253.18	10.21
58745	44.19	-3.95	4.00	3605.28	87.74	-6.01	-54.13	249.89	13.51
58746	45.61	-3.95	4.00	4117.02	112.15	-7.31	-47.70	245.50	16.73
58747	47.02	-3.95	4.00	4617.73	137.03	-8.64	-38.87	239.73	20.02
58748	48.44	-3.95	4.00	5103.93	162.09	-10.26	-26.72	231.95	23.66
58749	49.86	-3.95	4.00	5570.59	186.57	-12.54	-10.08	220.70	27.87
58750	51.28	-3.95	4.00	6009.68	209.34	-15.15	12.03	203.91	32.45
58751	52.70	-3.95	4.00	6409.69	228.35	-18.33	39.03	180.25	37.73
58752	54.12	-3.95	4.00	6756.72	243.21	-12.02	69.95	152.29	48.45
58753	23.57	-7.25	3.00	-2758.39	-58.72	79.08	967.65	490.01	32.81
58754	25.07	-7.25	3.00	-2456.26	-78.60	45.69	1072.64	566.33	8.23
58755	26.56	-7.25	3.00	-2115.14	-85.67	19.54	1166.07	623.18	-9.37
58756	28.05	-7.25	3.00	-1743.05	-83.75	-1.19	1243.59	662.80	-21.49
58757	29.54	-7.25	3.00	-1345.97	-76.14	-13.97	1306.08	689.74	-27.48
58758	31.03	-7.25	3.00	-928.11	-65.91	-20.30	1354.61	708.07	-28.80
58759	32.52	-7.25	3.00	-494.02	-54.36	-21.82	1390.57	720.27	-26.79
58760	34.01	-7.25	3.00	-47.98	-41.71	-19.76	1415.68	728.02	-22.43
58761	35.50	-7.25	3.00	406.27	-27.92	-15.05	1431.65	732.49	-16.41
58762	36.99	-7.25	3.00	865.55	-13.02	-8.55	1439.80	734.44	-9.28
58763	38.48	-7.25	3.00	1327.09	2.78	-1.04	1440.94	734.28	-1.54
58764	39.97	-7.25	3.00	1788.32	19.14	6.70	1435.32	732.13	6.36
58765	41.46	-7.25	3.00	2246.64	35.63	13.86	1422.62	727.79	13.95
58766	42.95	-7.25	3.00	2699.17	51.76	19.66	1401.97	720.79	20.79
58767	44.44	-7.25	3.00	3142.51	67.07	23.31	1371.89	710.40	26.42
58768	45.93	-7.25	3.00	3572.47	81.21	24.03	1330.36	695.64	30.41
58769	47.42	-7.25	3.00	3983.76	94.00	21.03	1274.83	675.26	32.28
58770	48.91	-7.25	3.00	4369.80	105.16	13.26	1202.54	647.73	31.33
58771	50.40	-7.25	3.00	4722.78	113.42	-0.96	1110.81	611.06	26.35
58772	51.89	-7.25	3.00	5034.45	114.84	-24.58	997.09	561.84	15.06
58773	53.38	-7.25	3.00	5294.80	104.13	-56.84	857.75	494.98	-4.12
58774	54.88	-7.25	3.00	5487.43	74.70	-105.61	694.33	404.03	-40.47
58775	23.83	-6.15	3.00	-2581.10	-132.89	-10.29	454.99	34.72	-20.15
58776	25.29	-6.15	3.00	-2282.89	-131.80	-11.58	484.59	45.19	-25.11
58777	26.76	-6.15	3.00	-1959.25	-117.98	-6.75	515.86	51.59	-27.04
58778	28.23	-6.15	3.00	-1608.95	-99.42	-3.79	544.74	54.88	-26.76
58779	29.69	-6.15	3.00	-1233.68	-80.32	-1.56	570.06	55.88	-24.95
58780	31.16	-6.15	3.00	-836.87	-62.82	-0.18	591.10	55.36	-22.08
58781	32.63	-6.15	3.00	-422.61	-47.27	0.58	607.60	54.09	-18.48
58782	34.09	-6.15	3.00	4.89	-33.20	0.87	619.70	52.66	-14.43
58783	35.56	-6.15	3.00	441.70	-19.95	0.83	627.69	51.41	-10.09
58784	37.03	-6.15	3.00	884.27	-6.94	0.58	631.90	50.52	-5.53
58785	38.49	-6.15	3.00	1329.40	6.26	0.22	632.55	50.05	-0.83
58786	39.96	-6.15	3.00	1774.08	19.94	-0.15	629.71	50.03	3.92
58787	41.42	-6.15	3.00	2215.28	34.30	-0.44	623.26	50.47	8.63
58788	42.89	-6.15	3.00	2649.75	49.49	-0.55	612.93	51.38	13.21
58789	44.36	-6.15	3.00	3073.71	65.69	-0.39	598.26	52.75	17.59
58790	45.82	-6.15	3.00	3482.67	83.10	0.15	578.64	54.59	21.69
58791	47.29	-6.15	3.00	3871.17	102.07	1.17	553.39	56.78	25.45
58792	48.76	-6.15	3.00	4232.67	122.90	2.79	521.85	59.09	28.66
58793	50.22	-6.15	3.00	4559.69	145.38	5.32	483.57	61.13	31.05
58794	51.69	-6.15	3.00	4844.27	167.70	8.52	438.15	62.38	32.16
58795	53.16	-6.15	3.00	5079.44	186.07	14.69	385.41	62.04	30.84
58796	54.62	-6.15	3.00	5262.00	192.13	16.82	330.01	54.79	24.35
58797	24.08	-5.05	3.00	-2514.53	-116.74	-7.70	111.26	27.95	-22.06
58798	25.52	-5.05	3.00	-2214.74	-108.11	-11.42	105.66	40.72	-24.69
58799	26.97	-5.05	3.00	-1892.31	-90.48	-8.15	99.46	49.56	-25.85
58800	28.41	-5.05	3.00	-1545.48	-71.81	-6.24	95.76	54.87	-25.15
58801	29.85	-5.05	3.00	-1175.93	-54.68	-4.59	94.81	57.39	-23.00
58802	31.29	-5.05	3.00	-786.64	-40.09	-3.43	95.80	57.90	-20.00
58803	32.73	-5.05	3.00	-381.05	-27.91	-2.53	97.74	57.34	-16.61
58804	34.18	-5.05	3.00	37.18	-17.59	-1.77	99.82	56.46	-12.98
58805	35.62	-5.05	3.00	464.46	-8.51	-1.06	101.51	55.62	-9.13
58806	37.06	-5.05	3.00	897.42	-0.06	-0.36	102.50	55.02	-5.07

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
58807	38.50	-5.05	3.00	1332.91	8.28	0.35	102.65	54.69	-0.86
58808	39.95	-5.05	3.00	1767.95	17.03	1.09	101.91	54.63	3.38
58809	41.39	-5.05	3.00	2199.52	26.63	1.87	100.29	54.85	7.53
58810	42.83	-5.05	3.00	2624.39	37.50	2.67	97.85	55.35	11.45
58811	44.27	-5.05	3.00	3038.88	49.97	3.51	94.74	56.16	15.03
58812	45.72	-5.05	3.00	3438.70	64.39	4.40	91.20	57.25	18.20
58813	47.16	-5.05	3.00	3818.79	81.09	5.39	87.69	58.52	20.95
58814	48.60	-5.05	3.00	4173.28	100.37	6.57	84.96	59.59	23.19
58815	50.04	-5.05	3.00	4495.61	122.47	8.23	84.02	59.82	24.59
58816	51.48	-5.05	3.00	4778.46	146.97	10.06	85.77	58.53	24.65
58817	52.93	-5.05	3.00	5014.71	172.19	14.06	89.57	54.87	23.40
58818	54.37	-5.05	3.00	5202.31	189.49	12.04	91.25	43.97	20.57
58819	24.33	-3.95	3.00	-2549.00	-16.79	79.61	-392.61	412.40	-77.32
58820	25.75	-3.95	3.00	-2237.13	-9.42	69.21	-466.02	484.27	-71.16
58821	27.17	-3.95	3.00	-1897.75	-4.48	58.24	-528.23	539.19	-62.29
58822	28.59	-3.95	3.00	-1536.72	-1.68	45.58	-574.81	578.12	-51.51
58823	30.01	-3.95	3.00	-1158.78	0.73	35.11	-607.88	604.13	-41.54
58824	31.43	-3.95	3.00	-765.88	3.07	27.35	-630.83	621.65	-33.27
58825	32.84	-3.95	3.00	-360.16	5.23	21.23	-646.54	633.65	-26.33
58826	34.26	-3.95	3.00	55.79	6.91	15.75	-657.02	641.87	-19.98
58827	35.68	-3.95	3.00	479.18	7.99	10.30	-663.59	647.19	-13.71
58828	37.10	-3.95	3.00	907.27	8.59	4.65	-667.04	650.05	-7.27
58829	38.52	-3.95	3.00	1337.48	9.01	-1.27	-667.76	650.57	-0.60
58830	39.93	-3.95	3.00	1767.32	9.68	-7.36	-665.81	648.71	6.20
58831	41.35	-3.95	3.00	2194.27	11.06	-13.51	-660.99	644.27	12.97
58832	42.77	-3.95	3.00	2615.59	13.59	-19.55	-652.82	636.94	19.53
58833	44.19	-3.95	3.00	3028.17	17.60	-25.36	-640.54	626.29	25.73
58834	45.61	-3.95	3.00	3428.39	23.20	-30.96	-623.09	611.78	31.59
58835	47.02	-3.95	3.00	3812.04	30.20	-36.63	-598.96	592.63	37.39
58836	48.44	-3.95	3.00	4174.55	38.05	-43.21	-565.98	567.45	43.78
58837	49.86	-3.95	3.00	4511.16	46.23	-51.94	-520.95	533.73	51.46
58838	51.28	-3.95	3.00	4816.88	54.60	-63.32	-459.48	487.03	60.34
58839	52.70	-3.95	3.00	5083.47	65.26	-73.26	-377.30	422.71	68.68
58840	54.12	-3.95	3.00	5297.65	77.46	-85.21	-278.13	334.84	78.94
58841	24.49	-3.10	4.00	-3422.96	-243.52	32.81	77.61	248.55	-19.13
58842	25.90	-3.10	4.00	-3035.97	-227.32	28.93	72.22	286.88	-16.09
58843	27.30	-3.10	4.00	-2598.30	-206.22	22.95	66.91	318.98	-12.63
58844	28.70	-3.10	4.00	-2125.29	-182.21	16.50	62.43	341.48	-9.67
58845	30.11	-3.10	4.00	-1630.02	-156.67	11.36	59.34	355.58	-7.09
58846	31.51	-3.10	4.00	-1121.51	-130.94	7.93	57.49	364.29	-5.13
58847	32.91	-3.10	4.00	-604.72	-105.60	5.65	56.53	369.98	-3.72
58848	34.31	-3.10	4.00	-82.45	-80.70	3.91	56.14	373.82	-2.71
58849	35.72	-3.10	4.00	443.43	-56.08	2.35	56.10	376.33	-1.97
58850	37.12	-3.10	4.00	971.46	-31.54	0.79	56.26	377.67	-1.39
58851	38.52	-3.10	4.00	1500.29	-6.91	-0.84	56.55	377.87	-0.90
58852	39.93	-3.10	4.00	2028.59	17.93	-2.57	56.95	376.84	-0.40
58853	41.33	-3.10	4.00	2554.89	43.03	-4.36	57.52	374.46	0.15
58854	42.73	-3.10	4.00	3077.57	68.40	-6.18	58.33	370.58	0.82
58855	44.14	-3.10	4.00	3594.78	94.02	-8.01	59.55	364.99	1.65
58856	45.54	-3.10	4.00	4104.41	119.85	-9.88	61.40	357.50	2.69
58857	46.94	-3.10	4.00	4604.10	145.84	-11.98	64.19	347.77	4.02
58858	48.34	-3.10	4.00	5090.95	171.82	-14.77	68.38	335.06	5.74
58859	49.75	-3.10	4.00	5560.70	197.41	-18.92	74.46	317.56	8.02
58860	51.15	-3.10	4.00	6005.74	221.80	-24.33	82.80	292.39	10.81
58861	52.55	-3.10	4.00	6413.97	244.77	-29.74	93.08	258.37	15.02
58862	53.96	-3.10	4.00	6770.14	266.34	-29.80	104.18	221.49	20.30
58863	24.56	-2.50	4.00	-3406.75	-251.44	33.57	188.89	252.84	1.16
58864	25.96	-2.50	4.00	-3018.10	-232.37	27.84	200.09	290.83	1.11
58865	27.35	-2.50	4.00	-2580.45	-209.49	20.67	209.29	322.26	0.06
58866	28.75	-2.50	4.00	-2108.46	-184.25	13.67	216.57	344.18	-0.58
58867	30.15	-2.50	4.00	-1614.90	-157.97	8.42	222.17	357.88	-1.05
58868	31.54	-2.50	4.00	-1108.44	-131.82	5.15	226.61	366.37	-1.20
58869	32.94	-2.50	4.00	-593.87	-106.26	3.24	230.19	371.90	-1.17
58870	34.34	-2.50	4.00	-73.95	-81.34	2.07	233.02	375.62	-1.11
58871	35.73	-2.50	4.00	449.52	-56.88	1.24	235.13	378.01	-1.14
58872	37.13	-2.50	4.00	975.08	-32.63	0.55	236.47	379.27	-1.30
58873	38.53	-2.50	4.00	1501.43	-8.38	-0.13	237.01	379.41	-1.56
58874	39.92	-2.50	4.00	2027.24	16.04	-0.87	236.71	378.38	-1.86
58875	41.32	-2.50	4.00	2551.10	40.76	-1.71	235.55	376.05	-2.15
58876	42.72	-2.50	4.00	3071.39	65.85	-2.68	233.49	372.24	-2.34
58877	44.11	-2.50	4.00	3586.30	91.34	-3.80	230.54	366.77	-2.38
58878	45.51	-2.50	4.00	4093.79	117.21	-5.15	226.69	359.40	-2.26
58879	46.91	-2.50	4.00	4591.53	143.39	-6.90	221.98	349.79	-2.03
58880	48.30	-2.50	4.00	5076.69	169.75	-9.52	216.35	337.24	-1.79
58881	49.70	-2.50	4.00	5545.12	195.93	-13.71	209.68	320.08	-1.68
58882	51.10	-2.50	4.00	5989.52	221.42	-19.58	201.59	295.58	-1.52
58883	52.49	-2.50	4.00	6398.21	246.28	-26.32	191.91	262.54	-1.84
58884	53.89	-2.50	4.00	6756.94	271.50	-28.94	181.26	226.55	-0.63
58885	24.49	-3.10	3.00	-2625.09	-1.97	186.49	-144.63	930.25	-38.09
58886	25.90	-3.10	3.00	-2295.50	-0.29	155.36	-178.11	1075.38	-29.13
58887	27.30	-3.10	3.00	-1936.83	-2.02	122.25	-203.83	1186.81	-22.00
58888	28.70	-3.10	3.00	-1559.50	-3.44	89.02	-222.10	1266.15	-14.80
58889	30.11	-3.10	3.00	-1170.55	-4.25	63.58	-234.64	1320.77	-9.43
58890	31.51	-3.10	3.00	-770.73	-3.70	46.29	-243.01	1359.38	-5.88
58891	32.91	-3.10	3.00	-360.87	-2.22	33.97	-248.57	1387.08	-3.78
58892	34.31	-3.10	3.00	57.32	-0.30	24.07	-252.16	1406.65	-2.67
58893	35.72	-3.10	3.00	481.69	1.72	15.02	-254.32	1419.57	-2.21
58894	37.12	-3.10	3.00	910.04	3.71	6.04	-255.37	1426.61	-2.13
58895	38.52	-3.10	3.00	1340.22	5.73	-3.22	-255.50	1428.05	-2.23
58896	39.93	-3.10	3.00	1770.13	7.91	-12.88	-254.72	1423.79	-2.35
58897	41.33	-3.10	3.00	2197.65	10.44	-22.95	-252.94	1413.40	-2.31
58898	42.73	-3.10	3.00	2620.43	13.48	-33.35	-249.96	1396.12	-2.00
58899	44.14	-3.10	3.00	3035.78	17.12	-44.05	-245.42	1370.96	-1.27
58900	45.54	-3.10	3.00	3440.59	21.31	-55.25	-238.88	1336.65	0.03
58901	46.94	-3.10	3.00	3831.34	25.72	-67.73	-229.70	1291.53	2.11
58902	48.34	-3.10	3.00	4204.39	29.74	-83.46	-217.02	1233.12	5.38
58903	49.75	-3.10	3.00	4556.60	32.54	-105.84	-199.47	1156.97	10.34
58904	51.15	-3.10	3.00	4885.28	34.13	-136.76	-175.24	1054.62	17.48
58905	52.55	-3.10	3.00	5182.43	34.27	-170.05	-142.02	915.70	25.85

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
58906	53.96	-3.10	3.00	5431.46	36.69	-210.24	-96.89	730.05	38.77
58907	24.56	-2.50	3.00	-2610.75	3.10	186.49	358.18	973.73	22.25
58908	25.96	-2.50	3.00	-2280.68	2.17	146.26	396.69	1116.59	17.82
58909	27.35	-2.50	3.00	-1923.10	-1.27	108.03	428.77	1226.58	14.25
58910	28.75	-2.50	3.00	-1547.40	-3.63	72.52	453.66	1305.24	10.14
58911	30.15	-2.50	3.00	-1160.19	-4.84	46.80	473.14	1360.03	7.33
58912	31.54	-2.50	3.00	-762.00	-4.40	30.50	488.26	1399.17	5.50
58913	32.94	-2.50	3.00	-353.68	-2.90	20.28	499.85	1427.41	4.13
58914	34.34	-2.50	3.00	63.01	-0.86	13.53	508.37	1447.37	2.82
58915	35.73	-2.50	3.00	485.95	1.41	8.61	514.15	1460.50	1.34
58916	37.13	-2.50	3.00	912.92	3.77	4.51	517.38	1467.57	-0.39
58917	38.53	-2.50	3.00	1341.76	6.23	0.60	518.14	1468.88	-2.31
58918	39.92	-2.50	3.00	1770.37	8.88	-3.57	516.40	1464.35	-4.34
58919	41.32	-2.50	3.00	2196.56	11.85	-8.33	512.04	1453.53	-6.34
58920	42.72	-2.50	3.00	2617.99	15.27	-13.96	504.84	1435.66	-8.18
58921	44.11	-2.50	3.00	3031.98	19.19	-20.73	494.49	1409.69	-9.74
58922	45.51	-2.50	3.00	3435.44	23.55	-29.03	480.61	1374.31	-10.97
58923	46.91	-2.50	3.00	3824.88	28.08	-39.73	462.67	1327.81	-11.96
58924	48.30	-2.50	3.00	4196.68	32.23	-54.70	440.06	1267.78	-12.98
58925	49.70	-2.50	3.00	4547.58	35.12	-77.35	411.78	1190.14	-14.49
58926	51.10	-2.50	3.00	4874.94	36.45	-110.34	376.52	1087.18	-17.09
58927	52.49	-2.50	3.00	5171.06	35.13	-149.31	331.58	949.05	-19.48
58928	53.89	-2.50	3.00	5420.63	34.77	-202.50	274.13	766.33	-23.12
58929	24.60	-1.65	4.00	-3365.60	-241.50	18.33	262.82	173.74	26.20
58930	25.99	-1.65	4.00	-2979.79	-226.73	16.17	288.09	203.35	18.22
58931	27.38	-1.65	4.00	-2547.76	-207.15	11.50	308.77	226.40	12.30
58932	28.78	-1.65	4.00	-2082.18	-184.35	7.56	325.04	242.13	7.32
58933	30.17	-1.65	4.00	-1594.39	-159.65	4.62	337.27	251.79	3.66
58934	31.56	-1.65	4.00	-1092.58	-134.10	2.82	346.43	257.49	1.45
58935	32.96	-1.65	4.00	-581.80	-108.42	1.81	353.36	260.92	0.36
58936	34.35	-1.65	4.00	-65.13	-82.96	1.26	358.53	263.04	-0.07
58937	35.74	-1.65	4.00	455.36	-57.78	0.96	362.15	264.29	-0.19
58938	37.14	-1.65	4.00	978.06	-32.79	0.78	364.30	264.88	-0.20
58939	38.53	-1.65	4.00	1501.56	-7.83	0.66	364.97	264.85	-0.22
58940	39.92	-1.65	4.00	2024.47	17.29	0.52	364.12	264.16	-0.27
58941	41.31	-1.65	4.00	2545.27	42.75	0.32	361.65	262.75	-0.36
58942	42.71	-1.65	4.00	3062.31	68.67	0.03	357.43	260.49	-0.47
58943	44.10	-1.65	4.00	3573.71	95.13	-0.38	351.31	257.26	-0.59
58944	45.49	-1.65	4.00	4077.34	122.09	-0.96	343.10	252.89	-0.80
58945	46.89	-1.65	4.00	4570.73	149.38	-1.81	332.57	247.11	-1.26
58946	48.28	-1.65	4.00	5050.72	176.65	-3.16	319.31	239.37	-2.29
58947	49.67	-1.65	4.00	5512.87	203.24	-5.43	302.69	228.47	-4.30
58948	51.07	-1.65	4.00	5950.14	228.36	-8.59	281.98	212.60	-7.48
58949	52.46	-1.65	4.00	6352.16	250.99	-13.42	257.18	190.35	-12.56
58950	53.85	-1.65	4.00	6706.75	270.74	-11.10	227.49	163.82	-23.65
58951	24.60	-0.55	4.00	-3321.05	-226.13	-3.68	127.99	60.49	17.86
58952	25.99	-0.55	4.00	-2941.08	-216.22	-0.81	144.32	78.43	13.76
58953	27.38	-0.55	4.00	-2516.78	-202.09	-0.98	157.29	90.50	9.65
58954	28.78	-0.55	4.00	-2059.02	-183.19	-0.49	167.45	98.34	6.32
58955	30.17	-0.55	4.00	-1577.77	-160.94	-0.26	175.06	102.67	3.88
58956	31.56	-0.55	4.00	-1080.79	-136.50	-0.08	180.72	104.62	2.36
58957	32.96	-0.55	4.00	-573.54	-110.88	0.05	184.93	105.23	1.56
58958	34.35	-0.55	4.00	-59.62	-84.76	0.15	188.04	105.21	1.23
58959	35.74	-0.55	4.00	458.55	-58.53	0.24	190.20	104.98	1.18
58960	37.14	-0.55	4.00	979.14	-32.30	0.33	191.51	104.73	1.25
58961	38.53	-0.55	4.00	1500.59	-6.02	0.43	191.98	104.52	1.38
58962	39.92	-0.55	4.00	2021.36	20.47	0.54	191.59	104.34	1.51
58963	41.31	-0.55	4.00	2539.82	47.35	0.67	190.29	104.18	1.63
58964	42.71	-0.55	4.00	3054.21	74.79	0.82	187.98	104.02	1.72
58965	44.10	-0.55	4.00	3562.54	102.84	1.00	184.57	103.84	1.76
58966	45.49	-0.55	4.00	4062.54	131.42	1.21	179.91	103.57	1.72
58967	46.89	-0.55	4.00	4551.49	160.24	1.47	173.83	103.06	1.50
58968	48.28	-0.55	4.00	5025.84	188.66	1.83	166.09	101.95	0.94
58969	49.67	-0.55	4.00	5480.69	215.64	2.24	156.32	99.57	-0.18
58970	51.07	-0.55	4.00	5909.19	239.65	3.00	144.21	94.97	-2.09
58971	52.46	-0.55	4.00	6302.18	258.08	2.57	129.67	86.75	-5.52
58972	53.85	-0.55	4.00	6647.64	271.00	11.98	111.80	73.48	-10.81
58973	24.60	0.55	4.00	-3321.08	-224.22	-4.81	-175.07	60.50	-12.27
58974	25.99	0.55	4.00	-2941.56	-214.45	-1.80	-188.93	78.43	-8.99
58975	27.38	0.55	4.00	-2517.59	-200.48	-1.81	-200.17	90.56	-5.70
58976	28.78	0.55	4.00	-2060.08	-181.73	-1.17	-209.19	98.50	-3.07
58977	30.17	0.55	4.00	-1578.96	-159.61	-0.84	-216.10	102.95	-1.11
58978	31.56	0.55	4.00	-1082.02	-135.23	-0.59	-221.32	105.02	0.14
58979	32.96	0.55	4.00	-574.74	-109.62	-0.43	-225.21	105.72	0.85
58980	34.35	0.55	4.00	-60.74	-83.45	-0.33	-228.02	105.78	1.25
58981	35.74	0.55	4.00	457.55	-57.12	-0.25	-229.85	105.60	1.49
58982	37.14	0.55	4.00	978.29	-30.76	-0.18	-230.76	105.39	1.68
58983	38.53	0.55	4.00	1499.92	-4.31	-0.11	-230.73	105.20	1.87
58984	39.92	0.55	4.00	2020.88	22.37	-0.04	-229.74	105.04	2.10
58985	41.31	0.55	4.00	2539.56	49.45	0.04	-227.73	104.89	2.38
58986	42.71	0.55	4.00	3054.16	77.09	0.14	-224.59	104.74	2.71
58987	44.10	0.55	4.00	3562.71	105.36	0.26	-220.20	104.57	3.12
58988	45.49	0.55	4.00	4062.94	134.18	0.40	-214.41	104.33	3.67
58989	46.89	0.55	4.00	4552.11	163.26	0.57	-206.99	103.86	4.49
58990	48.28	0.55	4.00	5026.70	191.95	0.80	-197.60	102.80	5.78
58991	49.67	0.55	4.00	5481.83	219.20	1.03	-185.74	100.48	7.80
58992	51.07	0.55	4.00	5910.67	243.46	1.57	-170.90	95.90	10.75
58993	52.46	0.55	4.00	6304.03	262.10	0.90	-152.80	87.64	15.26
58994	53.85	0.55	4.00	6649.87	275.14	10.12	-130.49	74.26	21.44
58995	24.60	1.65	4.00	-3365.89	-235.04	14.59	-308.33	173.86	-25.74
58996	25.99	1.65	4.00	-2981.27	-220.91	12.91	-331.34	203.53	-18.00
58997	27.38	1.65	4.00	-2550.17	-202.06	8.78	-350.31	226.73	-12.26
58998	28.78	1.65	4.00	-2085.24	-179.88	5.30	-365.35	242.71	-7.38
58999	30.17	1.65	4.00	-1597.81	-155.61	2.70	-376.70	252.66	-3.74
59000	31.56	1.65	4.00	-1096.13	-130.28	1.11	-385.22	258.64	-1.49
59001	32.96	1.65	4.00	-585.27	-104.60	0.21	-391.64	262.31	-0.31
59002	34.35	1.65	4.00	-68.38	-78.94	-0.32	-396.36	264.61	0.25
59003	35.74	1.65	4.00	452.44	-53.41	-0.66	-399.53	266.01	0.53
59004	37.14	1.65	4.00	975.57	-27.96	-0.91	-401.20	266.70	0.73

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
59005	38.53	1.65	4.00	1499.58	-2.46	-1.15	-401.34	266.74	0.95
59006	39.92	1.65	4.00	2023.05	23.26	-1.42	-399.86	266.10	1.21
59007	41.31	1.65	4.00	2544.48	49.35	-1.77	-396.68	264.70	1.49
59008	42.71	1.65	4.00	3062.17	75.92	-2.24	-391.62	262.44	1.79
59009	44.10	1.65	4.00	3574.24	103.06	-2.86	-384.52	259.20	2.09
59010	45.49	1.65	4.00	4078.56	130.73	-3.69	-375.14	254.83	2.45
59011	46.89	1.65	4.00	4572.63	158.80	-4.87	-363.21	249.08	3.04
59012	48.28	1.65	4.00	5053.34	186.93	-6.66	-348.24	241.38	4.20
59013	49.67	1.65	4.00	5516.28	214.48	-9.50	-329.51	230.54	6.34
59014	51.07	1.65	4.00	5954.46	240.61	-13.38	-306.14	214.64	9.66
59015	52.46	1.65	4.00	6357.47	264.17	-18.96	-278.05	192.24	14.88
59016	53.85	1.65	4.00	6713.07	284.55	-17.24	-244.40	165.42	26.10
59017	24.60	-1.65	3.00	-2491.91	10.36	80.72	706.43	457.80	61.55
59018	25.99	-1.65	3.00	-2176.44	8.95	61.06	785.84	527.14	47.19
59019	27.38	-1.65	3.00	-1837.76	6.22	44.76	854.99	580.23	34.10
59020	28.78	-1.65	3.00	-1480.43	3.75	29.76	909.94	618.05	22.48
59021	30.17	-1.65	3.00	-1108.05	2.94	18.96	952.50	643.90	14.13
59022	31.56	-1.65	3.00	-721.84	3.49	12.15	984.99	661.79	8.85
59023	32.96	-1.65	3.00	-323.56	4.84	8.04	1009.27	674.25	5.81
59024	34.35	-1.65	3.00	84.49	6.57	5.59	1026.70	682.80	4.14
59025	35.74	-1.65	3.00	499.72	8.48	4.12	1038.23	688.29	3.22
59026	37.14	-1.65	3.00	919.57	10.51	3.18	1044.48	691.15	2.64
59027	38.53	-1.65	3.00	1341.51	12.76	2.44	1045.75	691.54	2.19
59028	39.92	-1.65	3.00	1763.09	15.40	1.66	1042.06	689.43	1.72
59029	41.31	-1.65	3.00	2181.81	18.62	0.65	1033.14	684.61	1.14
59030	42.71	-1.65	3.00	2594.96	22.63	-0.79	1018.47	676.75	0.42
59031	44.10	-1.65	3.00	2999.57	27.55	-2.80	997.26	665.39	-0.52
59032	45.49	-1.65	3.00	3392.21	33.40	-5.59	968.46	649.91	-1.82
59033	46.89	-1.65	3.00	3769.00	40.04	-9.54	930.70	629.49	-3.80
59034	48.28	-1.65	3.00	4125.70	47.04	-15.35	882.21	602.89	-7.03
59035	49.67	-1.65	3.00	4457.92	53.65	-24.32	820.62	568.06	-12.41
59036	51.07	-1.65	3.00	4761.34	58.62	-37.78	742.69	521.37	-20.93
59037	52.46	-1.65	3.00	5029.07	62.27	-53.57	644.44	458.60	-32.49
59038	53.85	-1.65	3.00	5249.35	64.08	-78.53	528.47	374.54	-52.28
59039	24.60	-0.55	3.00	-2400.42	-76.45	-7.39	168.84	28.97	4.47
59040	25.99	-0.55	3.00	-2092.12	-67.80	-10.67	184.73	42.18	2.89
59041	27.38	-0.55	3.00	-1768.06	-54.18	-7.12	201.65	51.54	1.85
59042	28.78	-0.55	3.00	-1425.98	-40.85	-4.97	216.27	57.11	1.08
59043	30.17	-0.55	3.00	-1066.20	-29.07	-3.26	228.13	59.84	0.50
59044	31.56	-0.55	3.00	-690.36	-19.29	-2.15	237.35	60.61	0.17
59045	32.96	-0.55	3.00	-300.75	-11.32	-1.40	244.28	60.33	0.14
59046	34.35	-0.55	3.00	99.87	-4.71	-0.91	249.27	59.67	0.30
59047	35.74	-0.55	3.00	508.57	1.01	-0.55	252.59	59.01	0.58
59048	37.14	-0.55	3.00	922.40	6.33	-0.28	254.44	58.53	0.90
59049	38.53	-0.55	3.00	1338.52	11.69	-0.02	254.92	58.27	1.25
59050	39.92	-0.55	3.00	1754.12	17.52	0.24	254.04	58.23	1.63
59051	41.31	-0.55	3.00	2166.38	24.22	0.56	251.74	58.42	2.04
59052	42.71	-0.55	3.00	2572.26	32.16	0.95	247.90	58.85	2.50
59053	44.10	-0.55	3.00	2968.44	41.68	1.46	242.30	59.51	3.03
59054	45.49	-0.55	3.00	3351.13	53.06	2.12	234.68	60.40	3.62
59055	46.89	-0.55	3.00	3716.05	66.63	2.98	224.65	61.41	4.25
59056	48.28	-0.55	3.00	4058.36	82.66	4.16	211.72	62.21	4.87
59057	49.67	-0.55	3.00	4372.84	101.38	5.88	195.31	62.26	5.48
59058	51.07	-0.55	3.00	4653.90	122.54	7.93	174.80	60.89	6.04
59059	52.46	-0.55	3.00	4896.52	145.30	12.28	150.26	57.00	5.97
59060	53.85	-0.55	3.00	5099.69	163.62	10.95	125.80	46.27	4.41
59061	24.60	0.55	3.00	-2402.22	-80.23	-5.97	-201.89	28.64	-0.74
59062	25.99	0.55	3.00	-2093.75	-71.09	-9.45	-216.95	41.86	0.25
59063	27.38	0.55	3.00	-1769.59	-56.94	-6.09	-233.01	51.27	0.72
59064	28.78	0.55	3.00	-1427.46	-43.13	-4.10	-246.86	56.91	1.03
59065	30.17	0.55	3.00	-1067.65	-30.99	-2.51	-258.05	59.72	1.28
59066	31.56	0.55	3.00	-691.77	-21.00	-1.46	-266.72	60.57	1.43
59067	32.96	0.55	3.00	-302.12	-12.96	-0.76	-273.17	60.36	1.44
59068	34.35	0.55	3.00	98.54	-6.40	-0.27	-277.72	59.75	1.36
59069	35.74	0.55	3.00	507.28	-0.79	0.09	-280.63	59.13	1.25
59070	37.14	0.55	3.00	921.17	4.36	0.40	-282.09	58.67	1.15
59071	38.53	0.55	3.00	1337.35	9.51	0.69	-282.19	58.42	1.07
59072	39.92	0.55	3.00	1753.02	15.10	1.00	-280.95	58.40	1.00
59073	41.31	0.55	3.00	2165.36	21.55	1.37	-278.30	58.60	0.91
59074	42.71	0.55	3.00	2571.32	29.23	1.83	-274.13	59.03	0.78
59075	44.10	0.55	3.00	2967.57	38.45	2.41	-268.23	59.70	0.60
59076	45.49	0.55	3.00	3350.34	49.51	3.15	-260.29	60.61	0.39
59077	46.89	0.55	3.00	3715.30	62.66	4.13	-249.91	61.65	0.21
59078	48.28	0.55	3.00	4057.64	78.17	5.44	-236.54	62.50	0.12
59079	49.67	0.55	3.00	4372.11	96.23	7.36	-219.53	62.60	0.14
59080	51.07	0.55	3.00	4653.13	116.65	9.66	-198.21	61.26	0.28
59081	52.46	0.55	3.00	4895.61	138.69	14.29	-172.66	57.36	1.05
59082	53.85	0.55	3.00	5098.53	156.39	13.20	-147.08	46.58	3.22
59083	24.60	1.65	3.00	-2499.96	-1.78	65.88	-740.63	460.62	-52.54
59084	25.99	1.65	3.00	-2183.80	-1.39	48.19	-818.97	529.81	-39.63
59085	27.38	1.65	3.00	-1844.61	-2.26	33.94	-887.32	583.09	-27.96
59086	28.78	1.65	3.00	-1486.86	-3.11	20.70	-941.76	621.35	-17.54
59087	30.17	1.65	3.00	-1114.14	-2.78	11.19	-984.01	647.73	-9.99
59088	31.56	1.65	3.00	-727.66	-1.62	5.17	-1016.28	666.13	-5.14
59089	32.96	1.65	3.00	-329.16	-0.10	1.46	-1040.37	679.02	-2.22
59090	34.35	1.65	3.00	79.05	1.47	-0.89	-1057.60	687.91	-0.46
59091	35.74	1.65	3.00	494.43	2.97	-2.49	-1068.91	693.65	0.72
59092	37.14	1.65	3.00	914.40	4.43	-3.72	-1074.91	696.70	1.67
59093	38.53	1.65	3.00	1336.48	6.01	-4.86	-1075.91	697.22	2.57
59094	39.92	1.65	3.00	1758.21	7.90	-6.12	-1071.92	695.19	3.54
59095	41.31	1.65	3.00	2177.07	10.33	-7.72	-1062.69	690.41	4.65
59096	42.71	1.65	3.00	2590.36	13.49	-9.81	-1047.70	682.55	5.95
59097	44.10	1.65	3.00	2995.08	17.51	-12.61	-1026.17	671.18	7.51
59098	45.49	1.65	3.00	3387.76	22.34	-16.36	-997.04	655.70	9.51
59099	46.89	1.65	3.00	3764.47	27.75	-21.53	-958.94	635.33	12.33
59100	48.28	1.65	3.00	4120.93	33.15	-28.98	-910.04	608.82	16.65
59101	49.67	1.65	3.00	4452.74	37.67	-40.12	-847.88	574.10	23.49
59102	51.07	1.65	3.00	4755.58	40.13	-56.30	-769.04	527.37	33.82
59103	52.46	1.65	3.00	5022.57	41.20	-75.02	-669.39	464.19	47.33

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
59104	53.85	1.65	3.00	5241.86	40.85	-102.56	-551.56	379.25	68.84
59105	24.56	2.50	4.00	-3408.18	-249.11	31.16	-232.41	253.38	-9.15
59106	25.96	2.50	4.00	-3021.03	-230.32	25.76	-241.56	291.54	-8.26
59107	27.35	2.50	4.00	-2584.52	-207.67	18.95	-249.06	323.18	-6.28
59108	28.75	2.50	4.00	-2113.32	-182.59	12.27	-254.96	345.35	-4.76
59109	30.15	2.50	4.00	-1620.19	-156.33	7.24	-259.44	359.33	-3.57
59110	31.54	2.50	4.00	-1113.89	-130.04	4.10	-262.98	368.08	-2.88
59111	32.94	2.50	4.00	-599.23	-104.19	2.24	-265.81	373.84	-2.55
59112	34.34	2.50	4.00	-79.02	-78.84	1.05	-268.00	377.74	-2.39
59113	35.73	2.50	4.00	444.89	-53.83	0.17	-269.51	380.29	-2.25
59114	37.13	2.50	4.00	971.05	-28.95	-0.62	-270.27	381.66	-2.06
59115	38.53	2.50	4.00	1498.10	-4.02	-1.41	-270.22	381.87	-1.84
59116	39.92	2.50	4.00	2024.73	21.11	-2.29	-269.29	380.88	-1.61
59117	41.32	2.50	4.00	2549.47	46.53	-3.28	-267.44	378.54	-1.46
59118	42.72	2.50	4.00	3070.71	72.29	-4.42	-264.59	374.69	-1.47
59119	44.11	2.50	4.00	3586.61	98.40	-5.73	-260.71	369.13	-1.73
59120	45.51	2.50	4.00	4095.11	124.82	-7.29	-255.76	361.65	-2.28
59121	46.91	2.50	4.00	4593.85	151.50	-9.29	-249.70	351.91	-3.13
59122	48.30	2.50	4.00	5080.00	178.28	-12.22	-242.43	339.22	-4.23
59123	49.70	2.50	4.00	5549.44	204.85	-16.81	-233.72	321.92	-5.49
59124	51.10	2.50	4.00	5994.92	230.64	-23.14	-223.19	297.23	-7.01
59125	52.49	2.50	4.00	6404.72	255.64	-30.37	-210.63	263.96	-8.10
59126	53.89	2.50	4.00	6764.63	280.87	-33.32	-196.68	227.73	-10.58
59127	24.49	3.10	4.00	-3425.78	-251.67	36.51	-118.94	249.47	11.76
59128	25.90	3.10	4.00	-3040.31	-234.52	32.17	-111.54	288.12	9.52
59129	27.30	3.10	4.00	-2603.77	-212.40	25.74	-104.54	320.44	6.94
59130	28.70	3.10	4.00	-2131.50	-187.38	18.87	-98.66	343.11	4.81
59131	30.11	3.10	4.00	-1636.67	-160.91	13.39	-94.42	357.33	2.91
59132	31.51	3.10	4.00	-1128.32	-134.36	9.71	-91.60	366.15	1.43
59133	32.91	3.10	4.00	-611.44	-108.28	7.25	-89.84	371.94	0.32
59134	34.31	3.10	4.00	-88.88	-82.70	5.39	-88.75	375.89	-0.53
59135	35.72	3.10	4.00	437.49	-57.44	3.74	-88.07	378.48	-1.23
59136	37.12	3.10	4.00	966.16	-32.28	2.12	-87.62	379.89	-1.84
59137	38.52	3.10	4.00	1495.78	-7.06	0.43	-87.33	380.12	-2.44
59138	39.93	3.10	4.00	2025.00	18.32	-1.32	-87.14	379.10	-3.09
59139	41.33	3.10	4.00	2552.32	43.88	-3.13	-87.07	376.68	-3.86
59140	42.73	3.10	4.00	3076.11	69.58	-4.94	-87.20	372.70	-4.79
59141	44.14	3.10	4.00	3594.47	95.36	-6.71	-87.65	366.96	-5.97
59142	45.54	3.10	4.00	4105.27	121.11	-8.47	-88.58	359.23	-7.48
59143	46.94	3.10	4.00	4606.12	146.72	-10.35	-90.26	349.20	-9.43
59144	48.34	3.10	4.00	5094.09	171.96	-12.79	-93.06	336.13	-12.00
59145	49.75	3.10	4.00	5564.89	196.41	-16.43	-97.40	318.27	-15.35
59146	51.15	3.10	4.00	6010.93	219.28	-21.18	-103.60	292.79	-19.40
59147	52.55	3.10	4.00	6420.19	240.54	-25.86	-111.31	258.57	-24.90
59148	53.96	3.10	4.00	6777.42	260.36	-25.17	-119.40	221.70	-31.32
59149	24.56	2.50	3.00	-2619.24	0.94	172.27	-384.48	979.64	-36.63
59150	25.96	2.50	3.00	-2288.71	0.43	134.12	-422.22	1122.33	-30.92
59151	27.35	2.50	3.00	-1930.87	-2.64	97.95	-453.52	1232.62	-25.84
59152	28.75	2.50	3.00	-1554.96	-4.67	64.18	-477.71	1311.90	-20.34
59153	30.15	2.50	3.00	-1167.56	-5.69	39.68	-496.62	1367.39	-16.40
59154	31.54	2.50	3.00	-769.18	-5.22	24.10	-511.27	1407.22	-13.71
59155	32.94	2.50	3.00	-360.67	-3.83	14.18	-522.45	1436.08	-11.77
59156	34.34	2.50	3.00	56.24	-2.00	7.41	-530.62	1456.55	-10.10
59157	35.73	2.50	3.00	479.43	-0.01	2.23	-536.08	1470.09	-8.45
59158	37.13	2.50	3.00	906.68	2.01	-2.30	-538.99	1477.47	-6.68
59159	38.53	2.50	3.00	1335.85	4.10	-6.77	-539.43	1478.98	-4.83
59160	39.92	2.50	3.00	1764.82	6.37	-11.59	-537.38	1474.55	-2.97
59161	41.32	2.50	3.00	2191.42	8.96	-17.11	-532.69	1463.73	-1.23
59162	42.72	2.50	3.00	2613.27	12.00	-23.58	-525.14	1445.76	0.22
59163	44.11	2.50	3.00	3027.67	15.56	-31.30	-514.41	1419.59	1.24
59164	45.51	2.50	3.00	3431.50	19.57	-40.70	-500.07	1383.91	1.71
59165	46.91	2.50	3.00	3821.22	23.74	-52.71	-481.59	1337.06	1.65
59166	48.30	2.50	3.00	4193.14	27.50	-69.35	-458.32	1276.65	1.26
59167	49.70	2.50	3.00	4543.98	29.92	-94.13	-429.23	1198.58	0.97
59168	51.10	2.50	3.00	4871.09	30.73	-129.76	-392.94	1095.02	1.40
59169	52.49	2.50	3.00	5166.77	28.99	-171.54	-346.83	955.88	1.48
59170	53.89	2.50	3.00	5415.50	28.23	-227.24	-288.23	771.60	3.17
59171	24.49	3.10	3.00	-2629.89	1.56	204.85	122.26	934.27	24.70
59172	25.90	3.10	3.00	-2300.23	2.39	171.80	156.38	1079.63	16.99
59173	27.30	3.10	3.00	-1941.74	0.00	136.43	182.96	1191.40	11.28
59174	28.70	3.10	3.00	-1564.71	-2.05	101.11	202.07	1271.00	5.39
59175	30.11	3.10	3.00	-1176.06	-3.37	74.03	215.37	1325.87	1.07
59176	31.51	3.10	3.00	-776.44	-3.23	55.55	224.41	1364.74	-1.73
59177	32.91	3.10	3.00	-366.64	-2.10	42.41	230.57	1392.73	-3.37
59178	34.31	3.10	3.00	51.64	-0.51	31.94	234.69	1412.60	-4.26
59179	35.72	3.10	3.00	476.24	1.18	22.51	237.31	1425.80	-4.70
59180	37.12	3.10	3.00	904.93	2.84	13.27	238.79	1433.05	-4.91
59181	38.52	3.10	3.00	1335.56	4.53	3.84	239.29	1434.62	-5.05
59182	39.93	3.10	3.00	1766.03	6.40	-5.90	238.84	1430.39	-5.28
59183	41.33	3.10	3.00	2194.20	8.63	-15.97	237.34	1419.89	-5.76
59184	42.73	3.10	3.00	2617.70	11.41	-26.24	234.60	1402.35	-6.62
59185	44.14	3.10	3.00	3033.86	14.86	-36.63	230.28	1376.71	-8.04
59186	45.54	3.10	3.00	3439.53	18.96	-47.21	223.93	1341.69	-10.20
59187	46.94	3.10	3.00	3831.18	23.45	-58.64	214.95	1295.61	-13.40
59188	48.34	3.10	3.00	4205.11	27.79	-72.66	202.53	1236.00	-18.07
59189	49.75	3.10	3.00	4558.08	31.22	-92.53	185.33	1158.53	-24.76
59190	51.15	3.10	3.00	4887.30	33.75	-120.17	161.60	1054.87	-33.92
59191	52.55	3.10	3.00	5184.59	34.97	-149.82	128.92	914.87	-44.38
59192	53.96	3.10	3.00	5433.26	38.77	-186.85	84.15	728.22	-59.00
59193	24.33	3.95	4.00	-3432.97	-219.22	21.69	-52.26	163.38	47.19
59194	25.75	3.95	4.00	-3052.79	-207.72	21.86	-31.31	193.80	40.82
59195	27.17	3.95	4.00	-2621.55	-190.85	18.11	-12.12	218.06	35.28
59196	28.59	3.95	4.00	-2153.02	-169.86	14.31	3.55	234.82	29.25
59197	30.01	3.95	4.00	-1659.55	-146.72	11.03	14.96	245.06	23.49
59198	31.43	3.95	4.00	-1150.34	-122.79	8.67	22.84	251.00	18.62
59199	32.84	3.95	4.00	-631.10	-98.91	6.94	28.21	254.57	14.56
59200	34.26	3.95	4.00	-105.30	-75.39	5.50	31.87	256.80	10.97
59201	35.68	3.95	4.00	424.80	-52.24	4.14	34.28	258.19	7.54
59202	37.10	3.95	4.00	957.43	-29.30	2.75	35.69	258.90	4.09

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
59203	38.52	3.95	4.00	1491.09	-6.42	1.33	36.17	258.94	0.57
59204	39.93	3.95	4.00	2024.27	16.57	-0.12	35.72	258.27	-3.01
59205	41.35	3.95	4.00	2555.38	39.78	-1.56	34.23	256.79	-6.59
59206	42.77	3.95	4.00	3082.63	63.28	-2.93	31.55	254.39	-10.08
59207	44.19	3.95	4.00	3603.99	87.10	-4.18	27.43	250.95	-13.42
59208	45.61	3.95	4.00	4117.08	111.22	-5.28	21.53	246.32	-16.61
59209	47.02	3.95	4.00	4619.14	135.49	-6.31	13.33	240.25	-19.78
59210	48.44	3.95	4.00	5106.64	159.53	-7.46	2.02	232.11	-23.17
59211	49.86	3.95	4.00	5574.49	182.59	-9.07	-13.43	220.52	-26.97
59212	51.28	3.95	4.00	6014.73	203.57	-10.83	-33.85	203.51	-31.00
59213	52.70	3.95	4.00	6415.90	220.61	-13.10	-58.52	179.83	-35.64
59214	54.12	3.95	4.00	6764.20	233.61	-5.83	-86.39	152.09	-45.80
59215	24.08	5.05	4.00	-3454.40	-161.06	-3.93	-193.23	54.70	44.56
59216	25.52	5.05	4.00	-3080.09	-154.60	0.61	-185.17	71.90	44.60
59217	26.97	5.05	4.00	-2654.82	-143.46	0.87	-176.22	83.70	42.01
59218	28.41	5.05	4.00	-2190.29	-127.78	1.59	-168.62	91.35	37.96
59219	29.85	5.05	4.00	-1697.70	-109.77	1.82	-163.36	95.40	33.09
59220	31.29	5.05	4.00	-1186.28	-90.87	1.91	-160.22	96.99	28.11
59221	32.73	5.05	4.00	-662.67	-72.06	1.84	-158.48	97.25	23.22
59222	34.18	5.05	4.00	-131.28	-53.85	1.64	-157.48	96.96	18.35
59223	35.62	5.05	4.00	404.98	-36.34	1.35	-156.85	96.54	13.38
59224	37.06	5.05	4.00	944.00	-19.39	0.99	-156.45	96.17	8.25
59225	38.50	5.05	4.00	1484.06	-2.71	0.59	-156.24	95.92	2.98
59226	39.95	5.05	4.00	2023.53	14.07	0.19	-156.27	95.76	-2.32
59227	41.39	5.05	4.00	2560.72	31.33	-0.16	-156.60	95.69	-7.49
59228	42.83	5.05	4.00	3093.71	49.45	-0.43	-157.28	95.70	-12.37
59229	44.27	5.05	4.00	3620.26	68.77	-0.58	-158.42	95.75	-16.78
59230	45.72	5.05	4.00	4137.68	89.52	-0.55	-160.20	95.83	-20.63
59231	47.16	5.05	4.00	4642.61	111.72	-0.32	-163.00	95.78	-23.88
59232	48.60	5.05	4.00	5130.62	135.04	0.17	-167.44	95.21	-26.49
59233	50.04	5.05	4.00	5595.57	158.57	0.91	-174.31	93.42	-28.32
59234	51.48	5.05	4.00	6029.16	180.56	2.31	-183.95	89.45	-29.04
59235	52.93	5.05	4.00	6420.85	197.55	2.83	-195.71	81.99	-28.76
59236	54.37	5.05	4.00	6757.39	208.60	15.32	-207.57	69.82	-27.41
59237	23.83	6.15	4.00	-3530.32	-108.78	-8.67	-466.88	67.66	13.98
59238	25.29	6.15	4.00	-3154.95	-104.14	-5.06	-497.74	83.37	22.06
59239	26.76	6.15	4.00	-2726.30	-94.68	-5.54	-521.00	93.82	27.33
59240	28.23	6.15	4.00	-2256.25	-81.57	-4.91	-539.05	100.29	29.48
59241	29.69	6.15	4.00	-1756.61	-67.22	-4.41	-553.16	103.58	29.14
59242	31.16	6.15	4.00	-1237.05	-53.12	-3.86	-564.26	104.73	26.95
59243	32.63	6.15	4.00	-704.69	-40.07	-3.31	-572.85	104.65	23.48
59244	34.09	6.15	4.00	-164.35	-28.31	-2.71	-579.16	104.01	19.17
59245	35.56	6.15	4.00	380.78	-17.77	-2.04	-583.40	103.26	14.26
59246	37.03	6.15	4.00	928.54	-8.15	-1.29	-585.72	102.64	8.94
59247	38.49	6.15	4.00	1477.21	1.01	-0.50	-586.24	102.25	3.40
59248	39.96	6.15	4.00	2025.28	10.25	0.31	-584.97	102.13	-2.17
59249	41.42	6.15	4.00	2571.14	20.14	1.11	-581.81	102.28	-7.55
59250	42.89	6.15	4.00	3112.94	31.28	1.87	-576.53	102.68	-12.51
59251	44.36	6.15	4.00	3648.42	44.26	2.53	-568.80	103.29	-16.83
59252	45.82	6.15	4.00	4174.75	59.58	3.06	-558.26	104.03	-20.29
59253	47.29	6.15	4.00	4688.23	77.61	3.44	-544.59	104.72	-22.61
59254	48.76	6.15	4.00	5183.91	98.39	3.68	-527.49	105.04	-23.40
59255	50.22	6.15	4.00	5655.12	121.26	3.69	-506.61	104.49	-22.05
59256	51.69	6.15	4.00	6093.15	144.41	3.67	-481.31	102.19	-17.75
59257	53.16	6.15	4.00	6486.91	164.09	1.69	-450.65	96.58	-8.98
59258	54.62	6.15	4.00	6823.20	178.04	11.24	-411.52	86.73	5.28
59259	23.57	7.25	4.00	-3664.01	-62.43	9.48	-532.56	195.23	-6.06
59260	25.07	7.25	4.00	-3284.43	-51.71	6.29	-583.77	226.23	2.95
59261	26.56	7.25	4.00	-2842.56	-39.11	-0.63	-625.69	250.45	8.05
59262	28.05	7.25	4.00	-2355.38	-26.27	-5.36	-658.53	266.20	11.08
59263	29.54	7.25	4.00	-1838.62	-14.99	-8.16	-683.38	275.52	12.09
59264	31.03	7.25	4.00	-1303.58	-6.15	-9.25	-701.99	280.85	11.47
59265	32.52	7.25	4.00	-757.40	0.02	-9.12	-715.81	283.83	9.88
59266	34.01	7.25	4.00	-204.55	3.76	-8.10	-725.82	285.39	7.83
59267	35.50	7.25	4.00	352.19	5.50	-6.43	-732.59	286.10	5.60
59268	36.99	7.25	4.00	910.99	5.82	-4.30	-736.46	286.27	3.34
59269	38.48	7.25	4.00	1470.49	5.37	-1.94	-737.57	286.08	1.11
59270	39.97	7.25	4.00	2029.51	4.86	0.47	-735.87	285.56	-1.08
59271	41.46	7.25	4.00	2586.74	5.08	2.71	-731.13	284.63	-3.23
59272	42.95	7.25	4.00	3140.61	6.82	4.56	-722.95	283.15	-5.33
59273	44.44	7.25	4.00	3689.05	10.91	5.79	-710.77	280.88	-7.42
59274	45.93	7.25	4.00	4229.33	18.18	6.19	-693.92	277.51	-9.51
59275	47.42	7.25	4.00	4757.87	29.39	5.50	-671.67	272.68	-11.50
59276	48.91	7.25	4.00	5269.89	45.15	3.41	-643.11	265.86	-13.13
59277	50.40	7.25	4.00	5758.72	65.65	-0.75	-607.16	256.01	-13.87
59278	51.89	7.25	4.00	6214.53	90.28	-7.46	-562.60	241.04	-13.10
59279	53.38	7.25	4.00	6622.85	117.41	-18.37	-508.82	218.50	-9.71
59280	54.88	7.25	4.00	6967.22	147.01	-20.96	-444.51	192.09	1.81
59281	24.33	3.95	3.00	-2555.43	-1.97	96.80	369.13	413.39	89.89
59282	25.75	3.95	3.00	-2242.93	2.73	84.38	443.49	485.67	82.07
59283	27.17	3.95	3.00	-1903.54	5.10	71.15	506.71	540.92	71.39
59284	28.59	3.95	3.00	-1542.82	5.65	56.45	554.17	579.97	58.99
59285	30.01	3.95	3.00	-1165.26	6.27	44.40	587.95	606.00	47.76
59286	31.43	3.95	3.00	-772.66	7.27	35.54	611.51	623.53	38.61
59287	32.84	3.95	3.00	-367.09	8.43	28.69	627.77	635.58	31.06
59288	34.26	3.95	3.00	48.88	9.35	22.75	638.79	643.88	24.29
59289	35.68	3.95	3.00	472.46	9.80	17.04	645.85	649.29	17.71
59290	37.10	3.95	3.00	900.89	9.86	11.26	649.73	652.22	11.03
59291	38.52	3.95	3.00	1331.57	9.83	5.32	650.82	652.79	4.20
59292	39.93	3.95	3.00	1761.98	10.12	-0.71	649.16	650.92	-2.72
59293	41.35	3.95	3.00	2189.61	11.22	-6.70	644.50	646.39	-9.53
59294	42.77	3.95	3.00	2611.70	13.61	-12.46	636.36	638.87	-16.04
59295	44.19	3.95	3.00	3025.15	17.68	-17.82	623.97	627.90	-22.05
59296	45.61	3.95	3.00	3426.30	23.66	-22.69	606.23	612.91	-27.49
59297	47.02	3.95	3.00	3810.96	31.54	-27.24	581.68	593.09	-32.52
59298	48.44	3.95	3.00	4174.47	40.99	-32.10	548.21	567.09	-37.62
59299	49.86	3.95	3.00	4511.95	51.67	-38.37	502.74	532.49	-43.38
59300	51.28	3.95	3.00	4818.23	63.37	-46.59	441.06	485.04	-49.73
59301	52.70	3.95	3.00	5084.78	77.87	-53.05	358.96	420.34	-55.25



Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
59302	54.12	3.95	3.00	5298.00	93.93	-61.97	260.02	332.35	-62.98
59303	24.08	5.05	3.00	-2529.23	-114.24	-9.14	-136.75	26.96	28.33
59304	25.52	5.05	3.00	-2227.49	-106.83	-12.76	-129.72	40.09	30.10
59305	26.97	5.05	3.00	-1904.08	-90.06	-9.32	-122.28	49.30	30.40
59306	28.41	5.05	3.00	-1556.84	-72.05	-7.25	-117.62	54.87	28.93
59307	29.85	5.05	3.00	-1187.16	-55.44	-5.48	-115.95	57.55	26.15
59308	31.29	5.05	3.00	-797.82	-41.29	-4.24	-116.41	58.15	22.67
59309	32.73	5.05	3.00	-392.13	-29.47	-3.29	-117.93	57.66	18.93
59310	34.18	5.05	3.00	26.30	-19.46	-2.50	-119.65	56.82	15.03
59311	35.62	5.05	3.00	453.90	-10.65	-1.77	-121.01	56.02	10.97
59312	37.06	5.05	3.00	887.28	-2.43	-1.07	-121.72	55.44	6.75
59313	38.50	5.05	3.00	1323.31	5.72	-0.35	-121.62	55.12	2.41
59314	39.95	5.05	3.00	1758.97	14.30	0.38	-120.67	55.08	-1.94
59315	41.39	5.05	3.00	2191.23	23.79	1.14	-118.90	55.31	-6.14
59316	42.83	5.05	3.00	2616.83	34.57	1.92	-116.37	55.81	-10.04
59317	44.27	5.05	3.00	3032.07	47.03	2.72	-113.22	56.61	-13.50
59318	45.72	5.05	3.00	3432.61	61.52	3.55	-109.67	57.68	-16.42
59319	47.16	5.05	3.00	3813.32	78.39	4.46	-106.13	58.93	-18.70
59320	48.60	5.05	3.00	4168.25	98.05	5.51	-103.26	60.01	-20.22
59321	50.04	5.05	3.00	4490.66	120.74	6.98	-101.96	60.29	-20.62
59322	51.48	5.05	3.00	4773.00	146.07	8.56	-103.02	59.17	-19.45
59323	52.93	5.05	3.00	5007.84	172.40	12.30	-105.81	55.78	-16.85
59324	54.37	5.05	3.00	5192.78	191.09	10.06	-106.18	45.11	-12.71
59325	23.83	6.15	3.00	-2599.75	-142.71	-8.75	-481.76	32.83	26.18
59326	25.29	6.15	3.00	-2299.35	-141.03	-10.35	-509.13	43.74	30.27
59327	26.76	6.15	3.00	-1974.58	-126.26	-5.74	-538.84	50.62	31.39
59328	28.23	6.15	3.00	-1623.76	-106.74	-2.94	-566.74	54.32	30.40
59329	29.69	6.15	3.00	-1248.24	-86.89	-0.81	-591.50	55.64	28.02
59330	31.16	6.15	3.00	-851.27	-68.90	0.50	-612.22	55.35	24.70
59331	32.63	6.15	3.00	-436.80	-53.08	1.20	-628.53	54.23	20.78
59332	34.09	6.15	3.00	-9.00	-38.87	1.45	-640.48	52.90	16.49
59333	35.56	6.15	3.00	428.23	-25.55	1.38	-648.34	51.72	11.95
59334	37.03	6.15	3.00	871.34	-12.50	1.11	-652.44	50.88	7.24
59335	38.49	6.15	3.00	1317.14	0.72	0.73	-652.99	50.47	2.42
59336	39.96	6.15	3.00	1762.58	14.41	0.35	-650.07	50.50	-2.42
59337	41.42	6.15	3.00	2204.63	28.75	0.07	-643.57	50.99	-7.17
59338	42.89	6.15	3.00	2639.95	43.86	-0.03	-633.21	51.96	-11.73
59339	44.36	6.15	3.00	3064.77	59.85	0.17	-618.54	53.43	-15.99
59340	45.82	6.15	3.00	3474.50	76.86	0.77	-598.91	55.40	-19.84
59341	47.29	6.15	3.00	3863.62	95.16	1.88	-573.57	57.78	-23.14
59342	48.76	6.15	3.00	4225.47	114.96	3.66	-541.77	60.36	-25.66
59343	50.22	6.15	3.00	4552.42	136.02	6.41	-502.86	62.74	-27.10
59344	51.69	6.15	3.00	4836.29	156.65	9.92	-456.27	64.37	-27.01
59345	53.16	6.15	3.00	5069.75	173.35	16.49	-401.65	64.42	-24.39
59346	54.62	6.15	3.00	5249.13	178.16	19.07	-343.63	57.40	-16.56
59347	23.57	7.25	3.00	-2782.56	-82.81	61.36	-998.90	497.41	-19.63
59348	25.07	7.25	3.00	-2478.66	-99.28	30.72	-1100.56	573.45	2.72
59349	26.56	7.25	3.00	-2136.50	-102.92	6.96	-1192.16	630.57	18.40
59350	28.05	7.25	3.00	-1763.70	-98.07	-11.87	-1268.93	670.71	29.00
59351	29.54	7.25	3.00	-1366.12	-88.32	-23.29	-1331.28	698.19	33.88
59352	31.03	7.25	3.00	-947.84	-76.67	-28.66	-1379.94	717.00	34.44
59353	32.52	7.25	3.00	-513.32	-64.24	-29.51	-1416.12	729.58	31.89
59354	34.01	7.25	3.00	-66.79	-51.04	-26.96	-1441.46	737.66	27.13
59355	35.50	7.25	3.00	388.07	-36.87	-21.89	-1457.65	742.42	20.80
59356	36.99	7.25	3.00	848.11	-21.69	-15.11	-1465.99	744.63	13.43
59357	38.48	7.25	3.00	1310.54	-5.66	-7.39	-1467.31	744.71	5.48
59358	39.97	7.25	3.00	1772.78	10.86	0.47	-1461.86	742.79	-2.55
59359	41.46	7.25	3.00	2232.17	27.41	7.65	-1449.34	738.67	-10.21
59360	42.95	7.25	3.00	2685.77	43.41	13.32	-1428.85	731.91	-17.00
59361	44.44	7.25	3.00	3130.11	58.30	16.61	-1398.95	721.78	-22.41
59362	45.93	7.25	3.00	3560.88	71.54	16.64	-1357.56	707.31	-25.92
59363	47.42	7.25	3.00	3972.67	82.72	12.47	-1302.11	687.29	-26.92
59364	48.91	7.25	3.00	4358.79	91.28	2.90	-1229.67	660.18	-24.58
59365	50.40	7.25	3.00	4711.32	95.71	-13.93	-1137.32	623.88	-17.51
59366	51.89	7.25	3.00	5021.94	92.15	-41.10	-1022.00	574.75	-3.41
59367	53.38	7.25	3.00	5280.47	75.88	-77.56	-879.50	507.23	19.10
59368	54.88	7.25	3.00	5470.05	41.19	-130.66	-710.94	414.48	59.00
59369	55.11	8.10	4.00	7085.37	92.66	-30.19	-304.65	274.45	-47.50
59370	55.32	8.70	4.00	7128.72	32.15	2.64	-113.51	299.18	-45.33
59371	53.60	8.10	4.00	6745.19	59.37	-24.74	-357.32	324.54	-29.74
59372	53.79	8.70	4.00	6814.01	17.39	-5.25	-133.38	384.17	-23.35
59373	52.08	8.10	4.00	6326.12	38.42	-13.83	-402.57	368.26	-16.89
59374	52.26	8.70	4.00	6395.57	10.76	-8.53	-149.35	442.01	-12.07
59375	50.57	8.10	4.00	5854.01	21.15	-6.35	-440.18	398.47	-6.99
59376	50.72	8.70	4.00	5915.74	5.67	-10.30	-163.63	481.49	-3.83
59377	49.06	8.10	4.00	5348.54	8.38	-1.88	-470.29	419.19	0.16
59378	49.19	8.70	4.00	5400.76	2.05	-11.74	-174.99	507.81	1.83
59379	47.55	8.10	4.00	4821.38	-0.07	0.41	-493.96	434.21	4.79
59380	47.66	8.70	4.00	4864.38	-0.22	-12.74	-183.86	526.51	5.25
59381	46.03	8.10	4.00	4279.13	-4.80	1.50	-512.27	445.40	7.08
59382	46.12	8.70	4.00	4313.44	-1.45	-12.53	-190.71	540.50	6.74
59383	44.52	8.10	4.00	3726.20	-6.45	1.82	-526.06	453.56	7.34
59384	44.59	8.70	4.00	3752.14	-1.86	-10.97	-195.87	550.85	6.63
59385	43.01	8.10	4.00	3165.92	-5.69	1.57	-535.99	459.24	5.98
59386	43.06	8.70	4.00	3183.72	-1.63	-8.33	-199.56	558.07	5.28
59387	41.49	8.10	4.00	2600.92	-3.19	0.87	-542.58	462.92	3.48
59388	41.52	8.70	4.00	2610.72	-0.93	-4.97	-201.97	562.64	3.05
59389	39.98	8.10	4.00	2033.12	0.44	-0.16	-546.28	465.02	0.28
59390	39.99	8.70	4.00	2035.09	0.08	-1.26	-203.28	565.04	0.28
59391	38.47	8.10	4.00	1463.92	4.57	-1.36	-547.45	465.85	-3.15
59392	38.46	8.70	4.00	1458.18	1.23	2.51	-203.62	565.70	-2.70
59393	36.96	8.10	4.00	894.37	8.61	-2.59	-546.31	465.59	-6.44
59394	36.93	8.70	4.00	880.95	2.37	6.09	-203.10	564.94	-5.57
59395	35.44	8.10	4.00	325.40	12.01	-3.69	-542.95	464.26	-9.22
59396	35.39	8.70	4.00	304.24	3.34	9.25	-201.77	562.86	-8.04
59397	33.93	8.10	4.00	-241.96	14.25	-4.48	-537.30	461.70	-11.19
59398	33.86	8.70	4.00	-271.07	4.00	11.83	-199.63	559.43	-9.88
59399	32.42	8.10	4.00	-806.28	14.84	-4.74	-529.09	457.55	-12.14
59400	32.33	8.70	4.00	-843.73	4.20	13.78	-196.59	554.35	-10.87

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
59401	30.91	8.10	4.00	-1365.29	13.30	-4.12	-517.77	451.11	-11.99
59402	30.79	8.70	4.00	-1411.76	3.78	15.32	-192.43	546.79	-10.86
59403	29.39	8.10	4.00	-1915.12	9.23	-1.96	-502.34	441.01	-10.85
59404	29.26	8.70	4.00	-1971.41	2.55	17.20	-186.71	534.64	-9.78
59405	27.88	8.10	4.00	-2448.50	2.39	2.66	-481.26	424.43	-8.96
59406	27.73	8.70	4.00	-2514.86	0.29	20.45	-178.65	513.34	-7.64
59407	26.37	8.10	4.00	-2951.79	-6.95	10.14	-452.85	396.99	-6.40
59408	26.19	8.70	4.00	-3025.99	-2.88	25.20	-167.47	476.30	-4.47
59409	24.85	8.10	4.00	-3403.61	-17.33	19.58	-416.75	355.06	-3.15
59410	24.66	8.70	4.00	-3477.76	-6.75	29.78	-153.56	418.44	-0.23
59411	23.34	8.10	4.00	-3778.27	-32.34	26.10	-373.70	303.01	2.15
59412	23.13	8.70	4.00	-3831.60	-14.08	32.95	-136.75	334.87	9.35
59413	55.11	8.10	3.00	5727.87	8.11	-247.89	-404.22	808.87	-53.75
59414	55.32	8.70	3.00	5854.26	6.64	-78.45	-113.72	823.12	-85.34
59415	53.60	8.10	3.00	5504.64	25.27	-162.06	-513.89	1030.88	-39.28
59416	53.79	8.70	3.00	5617.05	9.82	-63.98	-142.34	1110.64	-54.41
59417	52.08	8.10	3.00	5207.32	32.69	-100.44	-605.20	1193.20	-25.13
59418	52.26	8.70	3.00	5297.31	10.26	-60.85	-172.35	1311.29	-33.64
59419	50.57	8.10	3.00	4860.57	33.77	-54.90	-678.86	1310.95	-13.21
59420	50.72	8.70	3.00	4928.22	9.37	-58.62	-197.69	1453.58	-16.01
59421	49.06	8.10	3.00	4477.35	31.94	-26.43	-737.84	1398.40	-3.32
59422	49.19	8.70	3.00	4527.25	8.39	-59.53	-218.35	1556.84	-3.24
59423	47.55	8.10	3.00	4065.26	28.56	-9.39	-783.92	1464.49	3.44
59424	47.66	8.70	3.00	4101.79	7.12	-59.79	-234.68	1634.47	5.00
59425	46.03	8.10	3.00	3631.36	24.48	0.34	-819.06	1514.02	6.96
59426	46.12	8.70	3.00	3657.59	5.81	-55.89	-247.14	1693.04	9.11
59427	44.52	8.10	3.00	3181.69	19.86	4.83	-845.16	1550.23	7.68
59428	44.59	8.70	3.00	3199.73	4.53	-47.41	-256.42	1736.19	9.87
59429	43.01	8.10	3.00	2721.07	14.79	5.28	-863.89	1575.67	6.22
59430	43.06	8.70	3.00	2732.50	3.26	-35.31	-263.09	1766.51	8.05
59431	41.49	8.10	3.00	2253.22	9.42	2.64	-876.55	1592.49	3.24
59432	41.52	8.70	3.00	2259.28	2.03	-20.93	-267.59	1786.23	4.39
59433	39.98	8.10	3.00	1781.03	3.92	-2.10	-884.12	1602.34	-0.65
59434	39.99	8.70	3.00	1782.62	0.84	-5.50	-270.24	1797.25	-0.40
59435	38.47	8.10	3.00	1306.78	-1.55	-7.93	-887.17	1606.35	-4.88
59436	38.46	8.70	3.00	1304.40	-0.31	10.00	-271.24	1801.01	-5.66
59437	36.96	8.10	3.00	832.46	-6.84	-13.81	-885.97	1605.04	-8.95
59438	36.93	8.70	3.00	826.14	-1.42	24.76	-270.66	1798.29	-10.77
59439	35.44	8.10	3.00	359.96	-11.85	-18.69	-880.39	1598.31	-12.37
59440	35.39	8.70	3.00	349.32	-2.50	38.09	-268.50	1789.19	-15.14
59441	33.93	8.10	3.00	-108.63	-16.58	-21.49	-869.94	1585.40	-14.69
59442	33.86	8.70	3.00	-124.41	-3.57	49.42	-264.58	1773.14	-18.18
59443	32.42	8.10	3.00	-570.84	-21.07	-20.96	-853.80	1564.91	-15.54
59444	32.33	8.70	3.00	-593.08	-4.65	58.52	-258.64	1748.85	-19.32
59445	30.91	8.10	3.00	-1023.65	-25.46	-15.39	-830.83	1534.62	-14.65
59446	30.79	8.70	3.00	-1054.43	-5.79	66.12	-250.29	1713.93	-18.04
59447	29.39	8.10	3.00	-1463.46	-29.74	-2.12	-799.83	1491.09	-12.10
59448	29.26	8.70	3.00	-1506.00	-6.95	74.77	-239.12	1663.76	-13.96
59449	27.88	8.10	3.00	-1886.33	-33.28	22.90	-759.74	1428.67	-8.59
59450	27.73	8.70	3.00	-1944.76	-7.99	89.52	-225.13	1589.71	-7.21
59451	26.37	8.10	3.00	-2287.63	-35.21	62.41	-709.89	1337.64	-5.48
59452	26.19	8.70	3.00	-2365.17	-9.27	112.82	-208.40	1476.77	1.79
59453	24.85	8.10	3.00	-2655.99	-32.85	111.09	-649.15	1206.84	-2.17
59454	24.66	8.70	3.00	-2750.13	-9.50	139.94	-189.64	1310.08	10.84
59455	23.34	8.10	3.00	-2973.96	-23.60	166.39	-581.91	1031.48	-0.65
59456	23.13	8.70	3.00	-3073.15	-7.37	171.13	-173.83	1077.32	24.18
59457	56.72	-8.70	4.00	7202.81	24.25	-51.27	69.85	164.10	48.46
59458	57.97	-8.70	4.00	7154.71	30.89	-23.28	36.93	-45.49	29.78
59459	59.22	-8.70	4.00	6803.05	43.22	5.28	-10.62	-168.07	15.92
59460	60.48	-8.70	4.00	6364.65	-23.02	-24.52	-17.20	-223.82	16.79
59461	61.73	-8.70	4.00	7021.69	271.67	244.65	-649.24	43.96	24.03
59462	56.48	-8.10	4.00	7190.06	78.07	-83.94	195.62	152.43	38.12
59463	57.72	-8.10	4.00	7212.98	96.32	-70.19	86.13	-14.71	31.00
59464	58.96	-8.10	4.00	6946.66	84.95	-47.52	-14.17	-131.56	12.60
59465	60.19	-8.10	4.00	6607.07	103.13	-25.76	-175.72	-213.60	15.00
59466	61.43	-8.10	4.00	6514.24	382.29	219.83	-560.19	198.34	2.59
59467	56.69	-8.70	3.00	6032.62	10.35	-151.91	81.14	434.57	90.29
59468	57.88	-8.70	3.00	5997.18	6.57	-87.91	39.92	-32.12	72.38
59469	59.08	-8.70	3.00	5803.38	28.65	-18.99	-5.80	-368.60	60.21
59470	60.28	-8.70	3.00	5528.53	-28.96	48.07	20.03	-529.79	39.43
59471	61.47	-8.70	3.00	5822.35	300.59	244.03	-635.62	-676.48	67.25
59472	56.46	-8.10	3.00	5951.61	8.72	-328.81	270.17	453.14	35.31
59473	57.64	-8.10	3.00	5976.05	-5.66	-321.07	105.23	46.03	27.35
59474	58.82	-8.10	3.00	5863.11	-4.71	-252.23	-32.98	-287.40	25.65
59475	60.00	-8.10	3.00	5764.09	52.21	-83.57	-190.54	-466.13	29.65
59476	61.18	-8.10	3.00	5313.26	328.71	145.73	-482.55	-611.09	6.64
59477	55.40	-3.95	4.00	6954.34	224.30	-48.15	90.65	85.41	49.76
59478	55.67	-5.05	4.00	6926.98	180.48	-18.15	177.60	36.65	29.90
59479	55.94	-6.15	4.00	6977.18	142.35	-23.37	302.93	49.84	-13.83
59480	56.22	-7.25	4.00	7100.01	119.82	-66.25	302.53	109.60	-14.78
59481	56.56	-3.95	4.00	7148.15	233.46	-26.03	114.75	-3.98	34.01
59482	56.83	-5.06	4.00	7110.71	187.44	0.80	152.89	-12.34	8.75
59483	57.12	-6.16	4.00	7136.02	147.17	-9.47	182.60	-4.56	-34.70
59484	57.43	-7.26	4.00	7197.65	134.05	-56.83	148.28	-0.82	-26.65
59485	57.71	-3.96	4.00	7118.48	259.60	-11.06	74.48	-49.95	1.42
59486	57.99	-5.07	4.00	7086.13	210.94	-8.70	59.71	-34.87	-16.45
59487	58.30	-6.17	4.00	7078.28	155.22	-22.14	21.34	-44.81	-44.76
59488	58.64	-7.26	4.00	7044.78	126.51	-51.56	-13.17	-87.44	-33.72
59489	58.86	-3.96	4.00	6938.98	351.25	-38.61	-36.82	-143.37	18.53
59490	59.14	-5.08	4.00	6911.89	283.57	-24.14	-85.61	-153.52	4.51
59491	59.47	-6.18	4.00	6850.30	219.37	-12.96	-163.78	-172.81	-22.16
59492	59.85	-7.26	4.00	6742.90	177.42	-20.71	-209.50	-199.01	-23.25
59493	60.02	-3.96	4.00	7044.96	700.00	596.30	-151.99	602.88	73.05
59494	60.30	-5.08	4.00	6885.37	569.08	549.79	-231.80	524.49	50.79
59495	60.65	-6.19	4.00	6672.14	460.78	459.87	-333.83	429.98	3.66
59496	61.06	-7.27	4.00	6490.44	407.78	323.95	-455.22	315.40	-29.18
59497	55.38	-3.95	3.00	5632.18	116.61	-106.72	-127.82	198.16	79.36
59498	55.64	-5.05	3.00	5546.49	224.72	-1.31	120.29	20.07	12.58
59499	55.92	-6.15	3.00	5592.37	206.40	6.21	280.71	32.72	12.13

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
59500	56.20	-7.25	3.00	5766.03	47.35	-175.03	493.02	241.77	-84.42
59501	56.48	-3.95	3.00	5825.11	160.15	-74.07	9.94	38.42	51.21
59502	56.75	-5.06	3.00	5726.75	229.68	5.29	116.11	-14.51	-5.52
59503	57.04	-6.16	3.00	5741.05	179.63	12.91	182.16	-4.13	-9.32
59504	57.35	-7.26	3.00	5849.28	2.71	-186.43	224.92	40.39	-115.26
59505	57.58	-3.96	3.00	5929.49	239.39	-38.87	98.74	-82.93	-1.61
59506	57.86	-5.07	3.00	5836.01	243.31	-14.46	85.07	-50.14	-16.13
59507	58.16	-6.17	3.00	5824.65	168.70	-6.06	68.75	-48.89	-14.84
59508	58.51	-7.26	3.00	5850.58	-0.45	-168.19	-27.46	-143.66	-102.99
59509	58.68	-3.96	3.00	5958.28	352.12	20.53	85.82	-21.49	-20.34
59510	58.96	-5.08	3.00	5905.29	299.97	-29.76	-3.31	32.43	2.42
59511	59.29	-6.18	3.00	5872.29	238.63	-4.24	-70.62	5.36	-17.92
59512	59.66	-7.26	3.00	5830.27	129.61	-71.34	-293.97	-204.12	-71.17
59513	59.79	-3.96	3.00	5687.17	571.24	565.14	-209.12	-355.31	77.01
59514	60.07	-5.08	3.00	5872.03	487.10	568.34	-203.59	-492.40	67.03
59515	60.41	-6.19	3.00	5812.59	435.03	521.89	-245.32	-522.72	-1.49
59516	60.82	-7.27	3.00	5522.33	395.61	323.47	-423.33	-575.76	-71.09
59517	55.16	-2.50	4.00	6977.26	274.35	-74.90	149.49	135.38	-2.99
59518	55.23	-3.10	4.00	6985.00	262.35	-72.69	104.13	129.97	26.85
59519	56.31	-2.50	4.00	7188.64	293.78	-58.94	109.73	12.77	-3.30
59520	56.38	-3.10	4.00	7186.47	274.64	-52.86	104.28	8.36	25.58
59521	57.46	-2.50	4.00	7168.72	325.38	-21.69	58.91	-65.34	-1.12
59522	57.54	-3.10	4.00	7154.90	301.37	-15.77	70.10	-65.11	9.24
59523	58.60	-2.50	4.00	6971.53	431.61	-51.46	9.22	-137.79	6.68
59524	58.69	-3.10	4.00	6950.17	406.15	-49.15	-7.66	-134.51	19.28
59525	59.75	-2.50	4.00	7194.50	851.55	630.93	-55.12	671.86	30.92
59526	59.84	-3.10	4.00	7147.89	809.02	612.78	-89.92	650.87	61.09
59527	55.13	-2.50	3.00	5726.13	52.77	-274.94	206.58	483.80	-29.61
59528	55.21	-3.10	3.00	5733.82	58.41	-265.40	-31.65	449.59	53.92
59529	56.23	-2.50	3.00	5930.27	88.93	-238.82	123.64	161.49	-22.26
59530	56.31	-3.10	3.00	5931.24	96.76	-211.69	27.89	130.61	49.29
59531	57.33	-2.50	3.00	6025.03	149.69	-153.92	54.70	-88.98	-1.69
59532	57.41	-3.10	3.00	6011.25	159.55	-119.73	67.47	-107.63	19.90
59533	58.43	-2.50	3.00	6066.78	304.26	73.90	-9.25	-134.17	34.73
59534	58.51	-3.10	3.00	6027.16	294.21	80.45	71.50	-131.29	-1.14
59535	59.52	-2.50	3.00	5409.51	543.17	571.89	-31.25	-205.54	51.27
59536	59.61	-3.10	3.00	5404.50	516.24	548.07	-145.50	-207.84	49.58
59537	55.12	1.65	4.00	6930.03	280.33	-57.52	-183.02	97.97	33.83
59538	55.11	0.55	4.00	6861.22	260.87	-21.35	-94.27	41.14	26.54
59539	55.11	-0.55	4.00	6858.91	256.79	-19.31	82.85	40.68	-15.29
59540	55.12	-1.65	4.00	6923.48	266.50	-50.70	172.68	97.17	-31.23
59541	56.26	1.65	4.00	7156.72	303.57	-41.05	-102.24	4.74	31.02
59542	56.24	0.55	4.00	7100.08	286.41	-4.38	-47.27	-10.53	25.44
59543	56.24	-0.55	4.00	7097.88	282.65	-2.42	46.13	-10.52	-14.30
59544	56.26	-1.65	4.00	7150.43	290.72	-34.33	101.35	5.24	-28.38
59545	57.39	1.65	4.00	7162.21	346.93	-24.47	-30.99	-50.75	11.23
59546	57.36	0.55	4.00	7140.28	347.75	-10.66	-8.85	-30.99	12.99
59547	57.36	-0.55	4.00	7139.11	344.84	-8.77	18.38	-30.28	-3.21
59548	57.39	-1.65	4.00	7159.04	336.53	-17.79	40.12	-48.20	-8.52
59549	58.53	1.65	4.00	7014.18	456.12	-51.99	1.99	-148.92	-3.19
59550	58.48	0.55	4.00	7059.22	467.43	-55.31	7.15	-145.25	1.01
59551	58.48	-0.55	4.00	7060.87	465.90	-55.34	10.80	-143.90	5.03
59552	58.53	-1.65	4.00	7019.39	448.46	-49.95	15.18	-144.87	5.50
59553	59.66	1.65	4.00	7199.63	865.96	644.87	42.02	659.35	-6.78
59554	59.61	0.55	4.00	7262.05	889.83	678.17	18.35	667.67	-1.33
59555	59.61	-0.55	4.00	7273.93	892.47	684.08	10.23	674.86	8.35
59556	59.66	-1.65	4.00	7234.31	870.52	664.83	-13.52	680.62	14.45
59557	55.09	1.65	3.00	5590.72	63.98	-143.01	-396.16	238.75	86.57
59558	55.09	0.55	3.00	5475.36	193.49	1.87	-112.26	22.23	5.12
59559	55.09	-0.55	3.00	5476.73	201.01	-0.53	92.46	22.07	2.93
59560	55.09	-1.65	3.00	5599.28	88.35	-117.04	375.90	235.81	-68.76
59561	56.18	1.65	3.00	5809.69	101.74	-127.92	-219.20	72.03	82.79
59562	56.16	0.55	3.00	5714.68	217.65	10.44	-71.66	-13.67	5.78
59563	56.16	-0.55	3.00	5716.91	224.75	8.04	53.10	-13.49	2.13
59564	56.18	-1.65	3.00	5820.44	125.11	-101.97	202.16	71.87	-65.05
59565	57.27	1.65	3.00	5957.21	188.06	-97.14	-73.60	-67.94	38.44
59566	57.23	0.55	3.00	5897.18	260.26	-9.56	-37.98	-50.87	-1.13
59567	57.23	-0.55	3.00	5900.75	265.98	-11.64	18.98	-50.53	8.25
59568	57.27	-1.65	3.00	5970.87	207.33	-73.94	58.76	-65.34	-22.62
59569	58.35	1.65	3.00	6038.45	367.71	-5.52	18.10	-25.86	-25.18
59570	58.31	0.55	3.00	6032.53	348.82	-38.11	-26.96	61.49	-0.69
59571	58.31	-0.55	3.00	6037.54	352.34	-40.95	6.64	63.42	3.42
59572	58.35	-1.65	3.00	6056.33	381.84	13.05	-31.70	-17.21	38.05
59573	59.44	1.65	3.00	5695.33	662.20	592.22	-35.88	-342.38	-7.46
59574	59.38	0.55	3.00	5926.01	631.34	641.92	-26.00	-426.75	17.83
59575	59.38	-0.55	3.00	5928.22	631.94	642.78	4.53	-421.75	-11.23
59576	59.44	-1.65	3.00	5707.75	666.73	614.51	21.93	-323.63	22.92
59577	55.23	3.10	4.00	6992.28	254.27	-68.03	-114.18	129.93	-38.64
59578	55.16	2.50	4.00	6985.12	282.99	-79.98	-159.37	135.82	-9.03
59579	56.38	3.10	4.00	7193.31	265.03	-48.46	-106.75	7.58	-37.37
59580	56.31	2.50	4.00	7196.15	301.05	-64.14	-111.50	11.83	-8.54
59581	57.54	3.10	4.00	7156.33	291.59	-13.92	-63.71	-68.76	-20.16
59582	57.46	2.50	4.00	7171.70	330.84	-27.82	-51.63	-69.03	-9.03
59583	58.69	3.10	4.00	6936.12	399.44	-44.06	22.17	-139.22	-30.75
59584	58.60	2.50	4.00	6961.95	437.10	-53.20	5.62	-142.92	-14.92
59585	59.84	3.10	4.00	7085.02	792.06	578.38	116.65	618.22	-60.98
59586	59.75	2.50	4.00	7143.01	843.68	600.08	81.58	641.96	-27.89
59587	55.21	3.10	3.00	5734.63	62.27	-240.43	19.26	446.11	-75.16
59588	55.13	2.50	3.00	5719.64	46.22	-301.95	-218.95	486.22	8.56
59589	56.31	3.10	3.00	5928.13	102.09	-188.79	-40.61	123.55	-69.96
59590	56.23	2.50	3.00	5920.70	83.26	-266.75	-134.11	159.22	2.04
59591	57.41	3.10	3.00	6001.69	165.72	-104.22	-81.87	-120.89	-38.58
59592	57.33	2.50	3.00	6010.94	145.68	-180.94	-63.56	-97.13	-15.40
59593	58.51	3.10	3.00	6005.53	301.91	82.91	-88.02	-157.51	-15.15
59594	58.43	2.50	3.00	6044.35	302.26	46.26	1.54	-153.04	-45.82
59595	59.61	3.10	3.00	5378.83	522.57	513.58	129.11	-245.18	-54.84
59596	59.52	2.50	3.00	5386.98	544.29	529.55	23.10	-237.79	-47.71
59597	56.22	7.25	4.00	7117.12	143.44	-75.16	-308.03	113.72	17.38
59598	55.94	6.15	4.00	6990.32	152.67	-26.16	-312.30	52.58	26.68

Elemento	X [m]	Y [m]	Z [m]	$\sigma_{xx}$ [kPa]	$\sigma_{yy}$ [kPa]	$\sigma_{zz}$ [kPa]	$\tau_{xy}$ [kPa]	$\tau_{xz}$ [kPa]	$\tau_{yz}$ [kPa]
59599	55.67	5.05	4.00	6936.54	180.14	-16.35	-188.93	37.62	-17.67
59600	55.40	3.95	4.00	6961.64	212.19	-41.83	-101.55	85.33	-46.53
59601	57.43	7.26	4.00	7215.14	157.69	-66.91	-144.90	-0.71	31.11
59602	57.12	6.16	4.00	7148.65	155.10	-12.35	-181.49	-3.77	49.38
59603	56.83	5.06	4.00	7119.42	184.26	2.75	-154.97	-12.00	3.99
59604	56.56	3.95	4.00	7154.77	219.04	-19.88	-117.57	-4.41	-30.84
59605	58.64	7.26	4.00	7049.43	144.22	-65.07	26.70	-96.88	43.15
59606	58.30	6.17	4.00	7080.04	154.25	-26.87	-8.12	-51.30	61.93
59607	57.99	5.07	4.00	7085.80	200.48	-8.45	-50.83	-39.87	28.10
59608	57.71	3.96	4.00	7118.16	242.70	-7.59	-67.55	-54.16	0.07
59609	59.85	7.26	4.00	6711.93	188.80	-17.90	238.99	-214.41	40.91
59610	59.47	6.18	4.00	6822.11	205.92	0.01	192.23	-183.42	40.56
59611	59.14	5.08	4.00	6886.56	263.01	-9.99	106.68	-161.43	1.67
59612	58.86	3.96	4.00	6918.97	332.87	-28.01	53.63	-149.34	-23.28
59613	61.06	7.27	4.00	6344.35	373.64	241.33	520.01	232.32	77.94
59614	60.65	6.19	4.00	6549.64	409.76	400.21	393.12	369.08	32.16
59615	60.30	5.08	4.00	6785.31	522.60	504.08	275.51	479.21	-34.99
59616	60.02	3.96	4.00	6965.73	667.45	557.90	184.04	566.07	-69.97
59617	56.20	7.25	3.00	5744.65	9.98	-205.33	-500.47	247.63	107.00
59618	55.92	6.15	3.00	5575.56	192.89	8.70	-290.35	35.16	-2.89
59619	55.64	5.05	3.00	5533.51	229.14	-3.59	-133.81	21.29	-3.43
59620	55.38	3.95	3.00	5630.92	137.51	-81.66	109.48	195.40	-61.42
59621	57.35	7.26	3.00	5817.14	-35.84	-222.01	-217.61	36.98	142.24
59622	57.04	6.16	3.00	5713.13	168.97	15.33	-185.80	-3.52	19.95
59623	56.75	5.06	3.00	5704.29	238.21	2.66	-128.21	-14.32	15.43
59624	56.48	3.95	3.00	5817.60	184.65	-50.18	-30.05	34.08	-33.30
59625	58.51	7.26	3.00	5803.25	-35.23	-207.85	51.13	-159.42	134.34
59626	58.16	6.17	3.00	5783.36	164.62	-3.97	-67.20	-51.14	26.57
59627	57.86	5.07	3.00	5802.18	257.65	-17.37	-97.32	-52.11	25.23
59628	57.58	3.96	3.00	5912.92	265.54	-20.56	-123.88	-90.87	15.40
59629	59.66	7.26	3.00	5763.10	100.26	-108.28	328.99	-246.28	116.44
59630	59.29	6.18	3.00	5821.93	243.55	9.18	74.68	-12.99	32.39
59631	58.96	5.08	3.00	5864.15	320.87	-22.72	-8.40	17.39	4.41
59632	58.68	3.96	3.00	5930.54	379.22	34.76	-115.41	-41.59	24.32
59633	60.82	7.27	3.00	5471.96	385.20	246.71	441.05	-653.05	135.96
59634	60.41	6.19	3.00	5793.45	449.12	496.49	235.08	-564.04	29.55
59635	60.07	5.08	3.00	5858.43	507.56	543.47	183.94	-522.63	-53.17
59636	59.79	3.96	3.00	5668.88	589.65	541.57	180.41	-386.70	-74.46
59637	56.72	8.70	4.00	7218.95	29.92	-41.51	-70.47	168.00	-60.65
59638	56.48	8.10	4.00	7207.85	98.67	-90.14	-197.64	156.71	-52.84
59639	57.97	8.70	4.00	7170.99	36.96	-14.59	-35.76	-47.66	-42.15
59640	57.72	8.10	4.00	7231.51	117.94	-78.04	-82.94	-15.84	-45.44
59641	59.22	8.70	4.00	6799.08	49.63	8.38	12.83	-183.76	-26.52
59642	58.96	8.10	4.00	6949.68	104.56	-60.33	23.57	-144.05	-22.93
59643	60.48	8.70	4.00	6307.55	-12.13	-16.89	26.57	-258.96	-24.51
59644	60.19	8.10	4.00	6567.41	125.01	-28.07	198.66	-235.09	-16.91
59645	61.73	8.70	4.00	6834.87	256.06	138.66	675.70	-83.91	-4.26
59646	61.43	8.10	4.00	6348.13	365.82	120.57	613.66	96.84	36.35
59647	56.69	8.70	3.00	6027.73	8.54	-115.98	-81.21	438.37	-110.57
59648	56.46	8.10	3.00	5937.05	-4.62	-361.77	-272.12	460.28	-51.70
59649	57.88	8.70	3.00	5984.69	4.17	-57.18	-37.26	-45.31	-93.68
59650	57.64	8.10	3.00	5952.79	-19.88	-363.10	-98.51	36.05	-43.17
59651	59.08	8.70	3.00	5774.09	26.54	-1.56	10.40	-411.69	-81.19
59652	58.82	8.10	3.00	5823.74	-18.09	-304.34	49.67	-322.12	-38.68
59653	60.28	8.70	3.00	5461.59	-30.47	29.92	-14.08	-629.37	-49.78
59654	60.00	8.10	3.00	5693.14	39.63	-151.59	214.66	-543.20	-26.27
59655	61.47	8.70	3.00	5727.64	296.71	111.18	633.23	-826.28	-55.48
59656	61.18	8.10	3.00	5231.67	320.59	14.32	496.48	-732.46	31.71